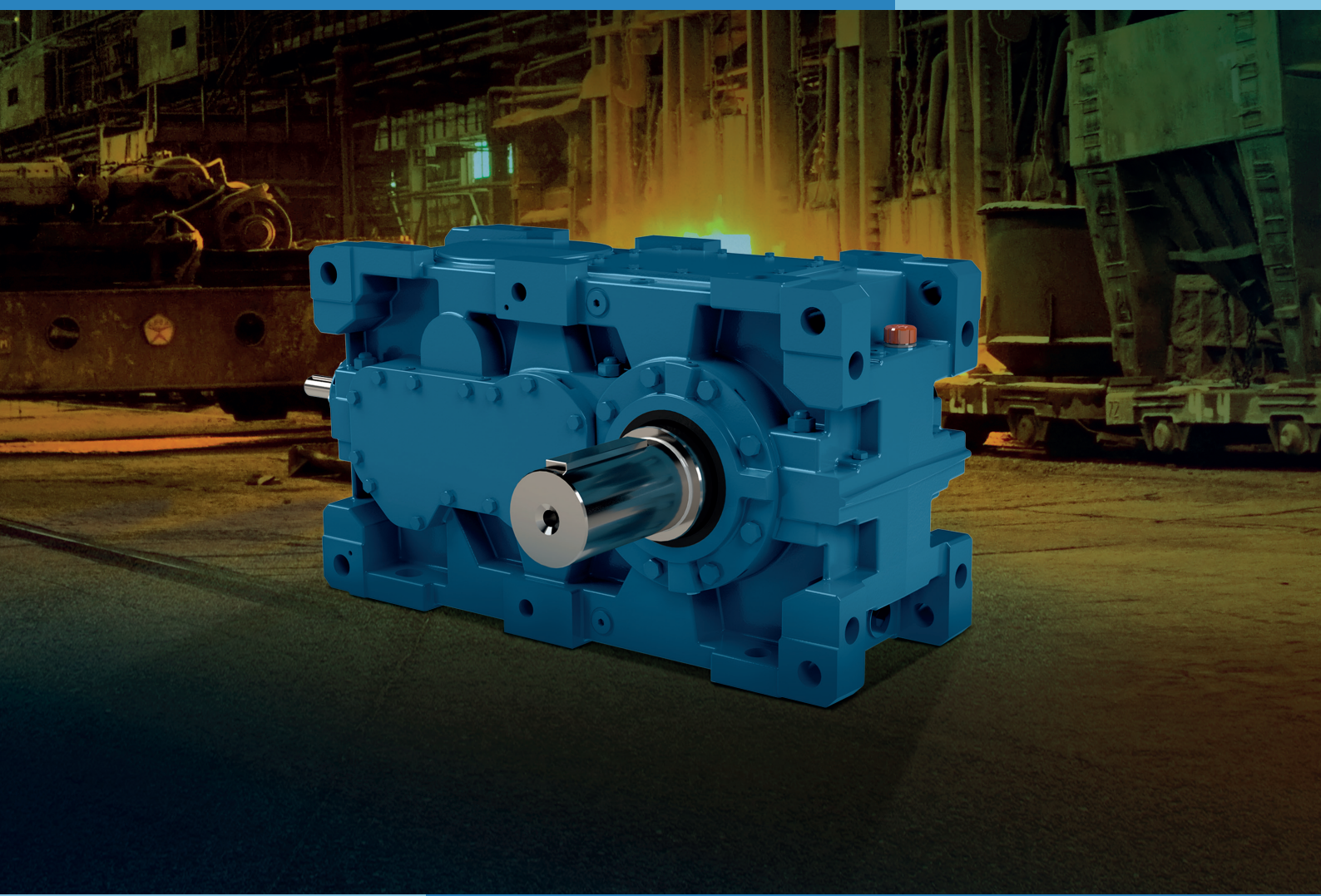
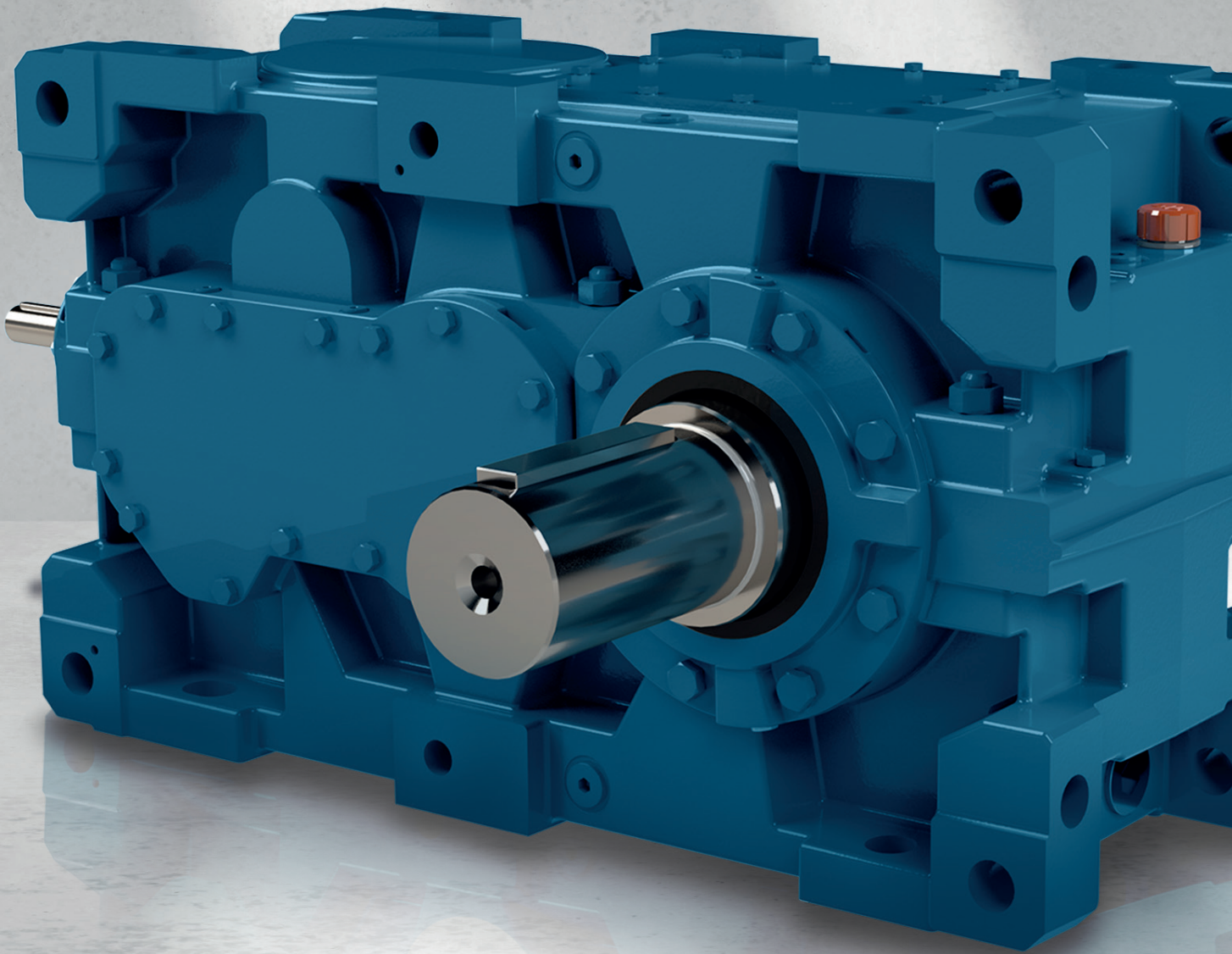


WCG50

Industrial Gearboxes





WCG50

INDUSTRIAL

GEARBOXES

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IMPORTANT

The data contained in this catalog may change without prior notice due to the continuous improvement of the products. Performance characteristics are only binding if explicitly agreed in the contract.

General Characteristics

WCG50 gearboxes have cylindrical gears with helical teeth and parallel shafts or orthogonal shafts, available in ratios from 6.30 to 450 and capacities from 22,000 to 178,000 Nm.

Housing

- Modular design allowing mounting in different positions (see page 16).
- Made of nodular cast iron.
- Split at the height of the shaft centers, which allows easy access to all of its components, simplifying maintenance.
- Top inspection cover, which allows checking the gearbox without removing the equipment installed.

Output Shafts

- The shafts are made of alloy steel and heat treated.
- All seats and shaft ends are ground to the tolerances indicated in this catalog.

Gears

- The gears are made of high quality alloy steel, which are subjected to case-hardening and tempering treatments.
- The tooth flanks are ground.

Bearings

- The bearings are self-aligning roller bearings, cylindrical or tapered rollers bearings selected to withstand the specified loads.

Lubrication

- Bearings, like gears, generally use immersion lubrication or, when necessary, pressure lubrication using an oil pump.
- The bottom of the housing serves as an oil reservoir.

Cooling

- In most cases, the heat radiated by the outer surface is enough to keep the system in an proper thermal regime.
- When additional cooling is required, a coil, fan or external heat exchanger can accomplish that.

Benefits



Greater durability



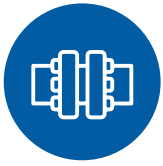
Better heat dissipation



Greater torque distribution option



Optimized gearing



Engageable flange



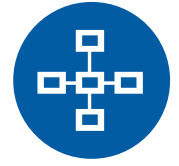
Modular and split housing



Easy assembly and maintenance



Versatile in all projects



Efficient in all applications

Applications



Sugar & Ethanol



Fertilizers



Mining



Pulp & Paper



Steel



Others

Technical Data

Size		W05	W06	W07	W08	W09	W10	W11	W12	W13	W14	W15	W16
Torque [Nm]		22000	28000	36000	46000	58500	67000	80000	92000	115000	132000	158000	178000
Shaft arrangement		Parallel and right angle											
Parallel and right angle shafts	Ratio	6.3-355	8-450	6.3-355	8-450	6.3-355	7.1-400	6.3-355	7.1-400	6.3-355	7.1-400	6.3-355	7.1-400
	Number of stages	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4
T right angle shafts	Ratio	16-355	20-450	16-355	20-450	16-355	18-400	16-355	18-400	16-355	18-400	16-355	18-400
	Number of stages	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Housing material		Nodular cast iron											
Solid shaft	Design	With keyway and key (ASTM SAE AISI 1045) according to DIN 6885.1 and threaded hole according to DIN 332											
	Tolerance	< Ø55 k6 / ≥ Ø55 m6											
	Material	SAE AISI 4140											
Hollow shaft with keyway	Design	With keyway according to DIN 6885,1											
	Tolerance	H8											
	Material	SAE AISI 4140											
Hollow shaft with shrink disc	Design	Hollow shaft with shrink disc											
	Tolerance	H7											
	Material	SAE AISI 4140											
Gears	Design	Case-hardened with ground tooth flanks											
	Material	DIN 18CrNiMo7-6 / 20 MnCr5											
Lip seals	Design	Form A / AS according to DIN 3760											
	Material	FKM (VITON)											

Nameplate

The standard nameplate is made of aluminum in sizes 20x42 mm, 36x63 mm or 54x90 mm, depending on the gearbox size. AISI 304 stainless steel nameplate is available as an optional item.

MADE IN

CÓDIGO/TYPE

SÉRIE SERIAL NUMBER

P1	<input type="text"/>	kW	rpm	<input type="text"/>	
M2	<input type="text"/>	Nm	fs / sf	<input type="text"/>	
i	<input type="text"/>	Massa/Mass (Redutor/Gear)		<input type="text"/>	kg
Óleo Oil	<input type="text"/>		Ano Year	<input type="text"/>	
TAG	<input type="text"/>				

a	Product description
b	Motor rated power
c	Output torque
d	Output speed
e	Gear Ratio
f	TAG
g	Serial number
h	Service factor
i	Mass
j	Quantity and type of oil
k	Working position
l	Manufacturing year
m	QR code

Gearbox Selection

The gearbox transmits power from the primary machine, usually an electric motor, at a certain speed, to the equipment, reducing the speed; the power available on the output shaft of the gearbox is equal to the power available on the input shaft, discounting the losses that are converted into heat.

The service factor is the quantification of the influence of external conditions on the operation of the gearbox. External conditions are: number of starts per hour, operating time, presence of shocks and vibrations, among others. In practice, this means how much more torque the gearbox must withstand in addition to the torque that is actually being transmitted, so that it is able to withstand the daily operating conditions of the driven machine, the load variations and any overloads that may occur.

The data in this catalog refer to the sizing of the gearboxes, considering a service factor of 1.00, that is, uniform load, operation up to 8 hours a day, number of starts up to 5 per hour, ambient temperature of 20 °C, altitude up to 750 m above sea level, maximum oil temperature of 90 °C and non-reversing loads.

For other service factors, see the Service Factor table on page 8.

Mechanical Power

M2 = permissible torque on the gearbox output shaft (catalog tables), see pages 26 to 121.

T1 = drive torque on the input shaft.

T2 = drive torque on the output shaft.

Pa = operating power (input shaft).

FS = service factor taken from the catalog table on page 8.

n1 = input speed.

n2 = output speed.

i = gear ratio.

$$T1 = 9550 \times Pa / n1$$

$$T2 = T1 \times i$$

- Unidirectional load and constant torque

$$M2 \geq T2 \times FS$$

- When there is reversing load direction with constant torque

$$M2 \geq T2 \times FS \times 1.43$$

On request:

- Variable torque
- Service factor above 5.00

Service Factor

Service factor - Fs			
Application	Operating time per day		
	<3h	3-10h	>10h
Stirrers and mixers			
Pure liquids	1.00	1.00	1.25
Liquids and solids	1.00	1.25	1.50
Variable-density liquids	1.00	1.25	1.50
Pumps			
Centrifugal	1.00	1.25	1.50
Reciprocating (single-cylinder)	1.50	1.50	1.75
Reciprocating (multi-cylinder)	1.25	1.50	1.50
Rotary gear	1.25	1.25	1.50
Rotary vane	1.25	1.25	1.50
Helical	1.25	1.25	1.50
Compressors			
Centrifugal	1.25	1.25	1.50
Screw	1.50	1.50	1.75
Reciprocating - multi-cylinder	1.50	1.50	1.75
Reciprocating - single-cylinder	1.75	1.75	2.00
Dredgers			
Pumps	2.00	2.00	2.00
Rotary heads	2.00	2.00	2.00
Winches	1.25	1.25	1.50
Sieves	1.75	1.75	2.00
Conveyors	1.25	1.50	1.50
Elevators			
Load elevators	1.25	1.25	1.50
Passenger elevators	1)	1)	1)
Escalators	1.25	1.25	1.50
Energy			
Frequency converters	2.00	2.00	2.00
Hydraulic generators (low speed)	1.75	1.75	1.75
Hydraulic turbines	1)	1)	1)
Extruders			
Plastic	1.50	1.50	1.50
Rubber	1.75	1.75	1.75
Cereal	2.00	2.00	2.00
Food Industry			
Centrifugal	1.75	1.75	2.00
Cutters	1.25	1.25	1.50
Cereal cookers	1.25	1.25	1.50
Desolventizer toaster (DT)	2.00	2.00	2.00
Mixers	1.25	1.25	1.50
Mills and crushers	1.50	1.50	1.75
Presses	2.00	2.00	2.00
Rotating dryers	1.25	1.25	1.50

Service factor - Fs			
Application	Operating time per day		
	<3h	3-10h	>10h
Sugar and ethanol industry			
Low speed stirrers	1.50	1.50	1.50
High speed stirrers	2.00	2.00	2.00
Crystallizers	1.75	1.75	1.75
Shredders	2.50	2.50	2.50
Exhaust fans	2.00	2.00	2.00
Chippers	2.50	2.50	2.50
Belt conveyors	1.50	1.50	1.50
Chain conveyors	1.75	1.75	1.75
Rubber industry			
Calenders	1.50	1.50	1.75
Extruders	1.75	1.75	1.75
Mixers	2.00	2.00	2.00
Heating mills	1.50	1.50	1.75
Roller mills 2 in line	1.75	1.75	2.00
Roller mills 3 in line	1.50	1.50	1.75
Steel mills	1.50	1.75	2.00
Trimmers	1.50	1.75	2.00
Crushers	2.00	2.00	2.00
Ceramic industry			
Clay kneaders	1.00	1.25	1.50
Mixers	1.00	1.25	1.50
Clay mills	1)	1)	1)
Brick and floor tile presses	1.50	1.75	2.00
Cement industry			
Jaw crusher	2.00	2.00	2.00
Spinning mills	2.00	2.00	2.00
Ball and roller mills	2.00	2.00	2.00
Rotating ovens	2.00	2.00	2.00
Separators	1.50	1.50	1.50
Roller crusher	2.00	2.00	2.00
Timber industry			
Planing machine feeders	1.25	1.25	1.50
Woodworking machines (general)	1.25	1.25	1.50
Saws	1.75	1.75	2.00
Paper and pulp industry			
Beaters	1.75	1.75	2.00
Calenders	1.75	1.75	2.00
Peeling machines	1.50	1.75	2.00
Pulpers	1.50	1.75	2.00
Filters	1.75	1.75	2.00
Paper machine	2.00	2.00	2.00
Chippers	1.75	1.75	2.00
Presses	1.75	1.75	1.75
Dryers	1.75	1.75	2.00

Service factor - Fs			
Application	Operating time per day		
	<3h	3-10h	>10h
Metallurgical Industry			
Rotating sheet cutters	1.50	1.75	2.00
Knife sheet cutters	1.50	1.75	2.00
Bending machines	1.50	1.75	2.00
Wire drawing machines	1.25	1.50	1.75
Tensioning rollers	1.50	1.75	2.00
Cable winding machines	1.25	1.50	1.50
Steel mills	1.50	1.50	1.50
Saws	1.00	1.25	1.50
Coilers and decoilers	1.50	1.50	1.75
Conveyor table	2.00	2.00	2.00
Shears	2.00	2.00	2.00
Mining			
Stewing drives	1.50	1.50	1.75
Excavators	1)	1)	1)
Crushers	1.75	1.75	2.00
Vibrators	1.75	1.75	2.00
Rotary drums and mills			
Ball and roller mills	2.00	2.00	2.00
Hammer mills	2.00	2.00	2.00
Coal mills	1.50	1.50	1.75
Dryers	1.50	1.50	1.75
Coolers	1.50	1.50	1.75
Crane systems			
Cranes	1)	1)	1)
Load elevators	1)	1)	1)
Conveyors			
Bucket conveyors	1.25	1.25	1.50
Belt Conveyors ≤100 kW	1.25	1.25	1.50
Belt Conveyors >100 kW	1.25	1.50	1.75
Screw conveyors	1.25	1.25	1.50
Vibrators	1.75	1.75	2.00
Water treatment and sanitation			
Aerators	2.00	2.00	2.00
Chemical feeders	1.25	1.25	1.25
Screw pumps	1.25	1.25	1.50
Collectors	1.25	1.25	1.50
Thickeners	1.50	1.50	1.50
Vacuum filters	1.50	1.50	1.50
Sieves	1.50	1.50	1.50
Fans			
Centrifugal	1.00	1.00	1.25
Industrial and mines	1.75	1.75	1.75
Blowers (forced)	1.50	1.50	1.50
Cooling towers	1)	1)	1)
Heat exchangers	1.50	1.50	1.50
Overhead cranes			
-	1)	1)	1)

Notes: 1) Consult WEG-CESTARI.

IMPORTANT: for internal combustion engines, proceed as described below:

- Internal combustion engines with 4 or more cylinders: Fs (selection table) + 0.25.
- Internal combustion engines with 1 to 3 cylinders: Fs (selection table) + 0.50.

Thermal Power

PT thermal power is the power that the gearbox can transmit continuously without exceeding the oil temperature of 90 °C.

$$PT = PTG \times fa \times fc \times fh \times ft \times fb$$

$$PT = PTC \times fa \times fc \times fh \times ft \times fb$$

$$PT = PTV \times fa \times fc \times fh \times ft \times fb$$

$$PT \geq Pa$$

Where:

Pa = driving power.

PT = thermal power.

PTG = thermal capacity of the gearbox without systems (dissipated by the housing).

PTC = thermal capacity of the gearbox with coil.

PTV = thermal capacity of the gearbox with fan.

For PTG, PTC and PTV, see the catalog selection tables, on pages 26 to 121.

fa = ambient temperature factor.

fc = ambient factor – air speed.

fh = altitude factor.

ft = oil temperature factor.

fb = operating time factor.

Ambient temperature factor - fa	
Ambient temperature °C	fa
10	1.14
15	1.07
20	1.00
25	0.93
30	0.86
35	0.79
40	0.71
45	0.64
50	0.57

Ambient factor - fc	
Air speed m/s	fc
≤0.5	0.75
>0.5 ≤1.4	1.00
>1.4 <3.7	1.40
≥3.7	1.90

Altitude factor - fh	
Altitude m	fh
0 (sea level)	1.00
750	0.95
1,500	0.90
2,250	0.85
3,000	0.81
3,750	0.77
4,500	0.72
5,250	0.68

Oil temperature factor - ft	
Oil temperature °C	ft
70	0.71
71	0.73
80	0.86
85	0.93
90	1.00
95	1.07
100	1.14

Operating time factor - fb	
Operating time per hour %	fb
100 (continuous)	1.00
80	1.05
70	1.15
40	1.35
20	1.80

Permissible Peak Torque on the Gearbox

- For loads without reversal: $Mk2adm = 2.00 \times M2 / Ff$
- For loads with reversal: $Mk2adm = 1.43 \times M2 / Ff$
- $M2$ = permissible torque on the gearbox output shaft (tables on pages 26 to 121)

Maximum peak torque $Mk2max$ is the driving torque $T2$ multiplied by the starting factor $Fstart$.

$$Mk2max = T2 \times Fstart$$

$Mk2max$ must be less than the permissible $Mk2adm$.

$$Mk2adm > Mk2max$$

Peak factor Ff						The gear box can only be overloaded for short periods of time. Peak loads cannot last more than 10 seconds.
Load peak frequency per hour, sh						
Minimum 1 Maximum 5	Minimum 6 Maximum 20	Minimum 21 Maximum 40	Minimum 41 Maximum 80	Minimum 81 Maximum 160	>160	
1.00	1.20	1.30	1.50	1.75	2.00	

Fstart starting factor depending on the start type	
Start type	Fstart
Direct on line	3.00
Soft-starter	2.0
Variable speed drive ¹⁾	1.5 to 2.0
Star-delta starter	1.30
Fluid coupling without delay chamber	2.00
Fluid coupling with delay chamber	1.60

Note: 1) As a function of the parameterization.

Calculation of The System Additional Power (for $PT < Pa$)

SKID Selection

$$Pad = fL \times [Pa - (PT / 2)] \times (1 - \eta)$$

Pad = additional power required for SKID selection

fL = safety factor: 1.10 to 1.20

Reference values for efficiencies:

- Two parallel stages $\eta = 97.0\%$
- Three parallel stages $\eta = 95.6\%$
- Four parallel stages $\eta = 94.1\%$
- Two right angle stages $\eta = 96.6\%$
- Three right angle stages $\eta = 95.0\%$
- Four right angle stages $\eta = 93.4\%$

Water

Qw = water flow rate [dm^3/min] indicated in the SKIDs table

Maximum temperature 30 °C

Maximum water pressure 6 bar

Eight system sizes (SKID):

		1	2	3	4	5	6	7	8
Thermal exchange, kW		4.0	5.8	7.5	10.0	14.0	24.7	35.4	54.8
Oil flow rate, l/min	Qo	14.0	18.0	18.0	28.0	28.0	56.0	70.0	88.0
Pump driving power, cv ¹⁾	P	1.50	1.50	1.50	2.00	2.00	4.00	5.00	6.00
Water flow rate, l/min	Qw	45.0	45.0	70.0	70.0	70.0	160.0	230.0	230.0
Water connection threads		3/4" BSP	3/4" BSP	1" BSP	1" BSP	1" BSP	1,1/2" BSP	2" BSP	2" BSP

Note: 1) Pump driven by IEC 4-poles electric motor, 60 Hz, 4 voltages; for other motors, contact WEG-CESTARI.

Standard:

- Shell and tube, water-oil heat exchanger. For air-oil heat exchanger (radiator), contact WEG-CESTARI.
- Electric motor driven lubrication pump with flange and coupling
- Simple filter with visual indicator
- Pressure switch trip at 0.8 bar
- Visual pressure gauge 0 to 20 bar

Permissible Radial / Axial Forces

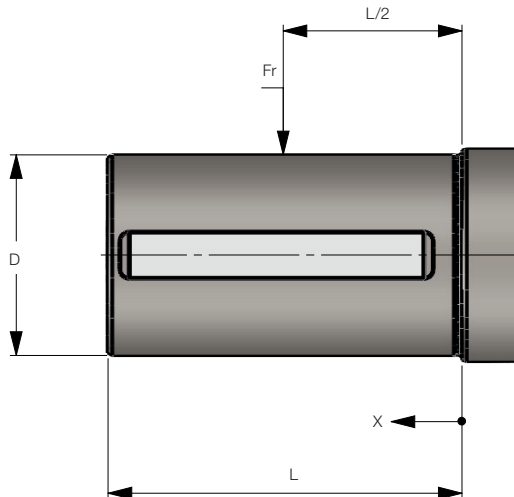
When the torque transmission is via elastic coupling, there will be no radial and/or axial forces on the gearbox shaft. However, if the transmission is via elements mounted on the gearbox shaft (external gears, chain pinions or pulleys), there will be radial and/or axial forces.

The table below shows the permissible radial forces on the gearbox output shaft (F_r).

Axial stresses up to 25% of the permissible radial forces can be simultaneously absorbed with the radial forces.

The values of the radial forces indicated in the table refer to the load applied to the center of the shaft length "L". When the application distance (x) is different from L/2, a recalculation must be made according to the formulas and table below:

Determination of the accepted radial stress in point x: $F(x)$



a) $F_1(x)$ based on the rolling bearing life time:

$$F_1(x) = \frac{k}{m + x} \cdot F_r \text{ [N]}$$

b) $F_2(x)$ based on the maximum bending of the shaft:

$$F_2(x) = \frac{1000 \cdot n}{p + x} \text{ [N]}$$

Where:

x = distance from the shaft stop to the center of force [mm].

F_r = radial force acting on the center of the shaft end length L/2 [N].

To determine $F(x)$, $F_1(x)$ and $F_2(x)$ are always calculated, and the smallest value is chosen to represent $F(x)$.

(Fr) Output shaft radial force [kN]								
Speed	20		70		100		125	
Position	5	6	5	6	5	6	5	6
W05	73	73	55	40	47	33	43	28
W06	88	87	64	49	55	41	50	36
W07	130	130	99	78	86	65	79	58
W08	142	142	120	103	105	88	96	79
W09	165	165	140	111	122	93	112	83
W10	162	162	134	102	117	84	106	73
W11	167	167	167	137	153	115	140	102
W12	188	188	168	131	146	109	133	96
W13	247	247	205	160	178	133	163	117
W14	270	270	250	205	219	174	201	156
W15	265	265	245	190	213	157	194	139
W16	264	264	264	250	267	211	245	189

Factors for recalculation					
k	m	n	p	d	L
256	151	14527	94	120	210
260	135	19272	94	130	250
310	185	29380	101	140	250
302	152	36210	105	160	300
346	196	44385	119	170	300
346	196	43578	119	170	300
384	234	45090	120	180	300
384	209	55460	120	190	350
432	257	76817	136	210	350
420	215	93690	142	230	410
480	275	96725	160	230	410
470	265	96360	160	240	410

Conditions valid for the radial loads in the table.

- Service factor greater than or equal to 1.25
- Unfavorable load application angle
- Single end solid output shaft
- Gear position 5 or 6, see pages 166 and 167

Minimum Permissible Diameter for the Transmission Element Mounted on the Shaft:

Together with the obtained radial load, the smallest permissible diameter for the transmission element (external gears, chain pinions or pulleys) can be calculated using the following formula.

Values for factor Kr	
Pre-tensioned flat belt	2.50
Toothed belt	1.50
Pre-tensioned V-belt	1.75
Roller chain or silent chain	1.40
Gears	1.15

$$D_{min} = \frac{2000 \cdot T_2 \cdot K_r}{F_r}$$

Where

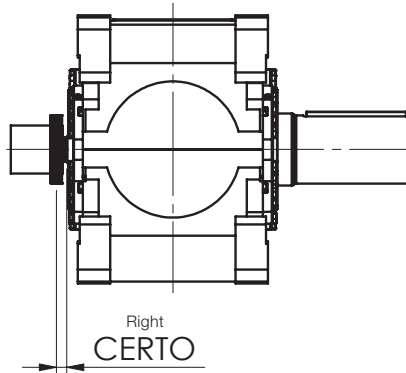
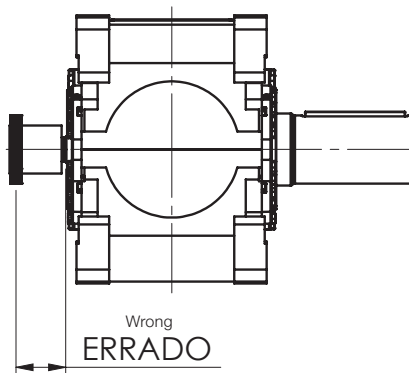
D_{min} = Minimum permissible diameter (mm).

T_2 = Torque to be transmitted (Nm).

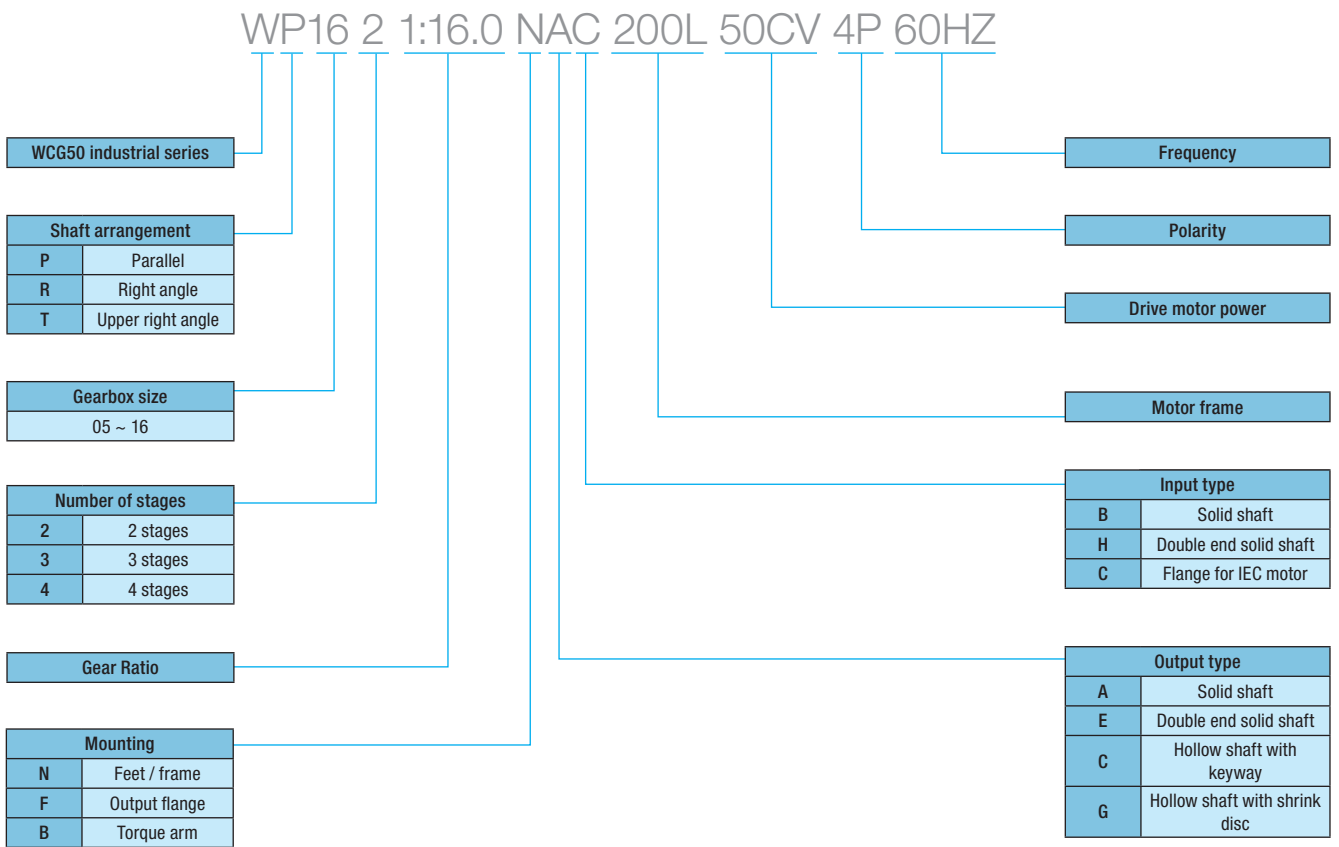
F_r = Permissible radial load on the gearbox shaft (N)

K_r = Additional factor.

- The hole of the element mounted on the input or output shaft of the gearbox must be machined to tolerance H7.
- Carefully align the elements mounted on the shafts, even elastic couplings.
- It is unacceptable the mounting by means of strikes, since such method damages the rolling bearings and gear teeth.



Product Description



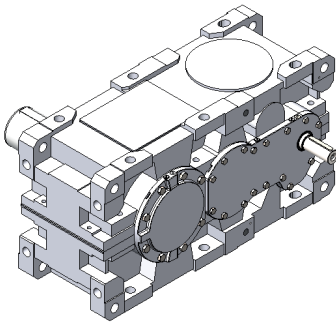
Product Description

1. W

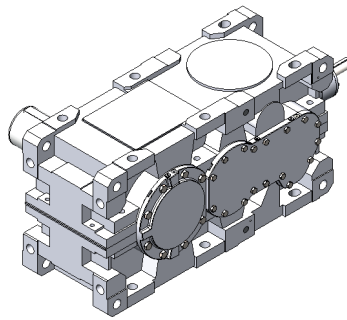
WCG50 industrial line

2. Shaft Arrangement

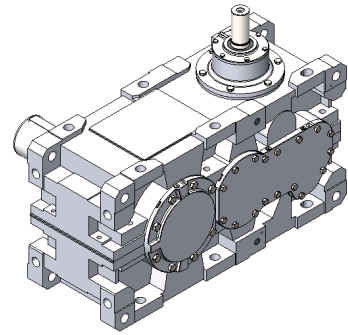
- P = parallel shafts
- R = right angle shafts
- T = upper right angle shafts



P



R



T

3. Size

05 to 16

4. Stages

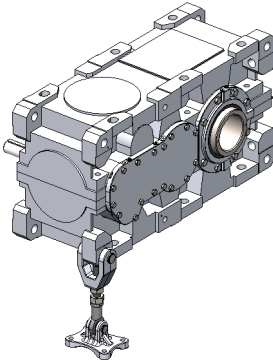
2, 3 or 4

5. Gear Ratio

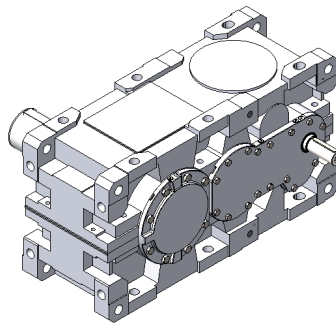
See technical data table on pages 26 to 121.

6. Gearbox Mounting

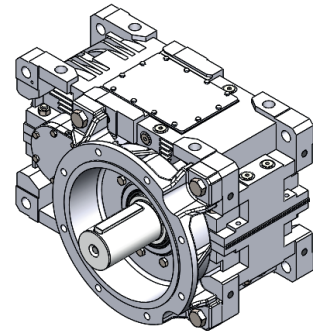
- B - Torque arm (defined as a function of the input side of the customer's shaft)
- N - Feet (in case of feet/frame, the mounting surface must be informed, page 17)
- F - Flange (choose flange side 1 or 2)



Torque arm



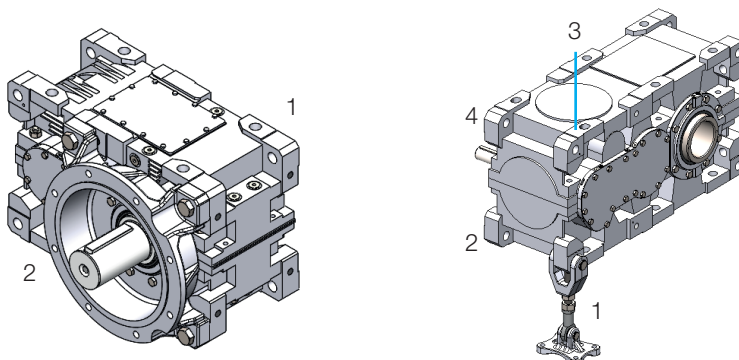
Feet / frame



Output flange

- For torque arm, the mounting position¹⁾ 1, 2, 3 or 4 must be informed
- For the output flange, the mounting side must be informed: side 1 or side 2

Note: 1) The mounting side of the torque arm must be on the same side as the equipment input shaft.

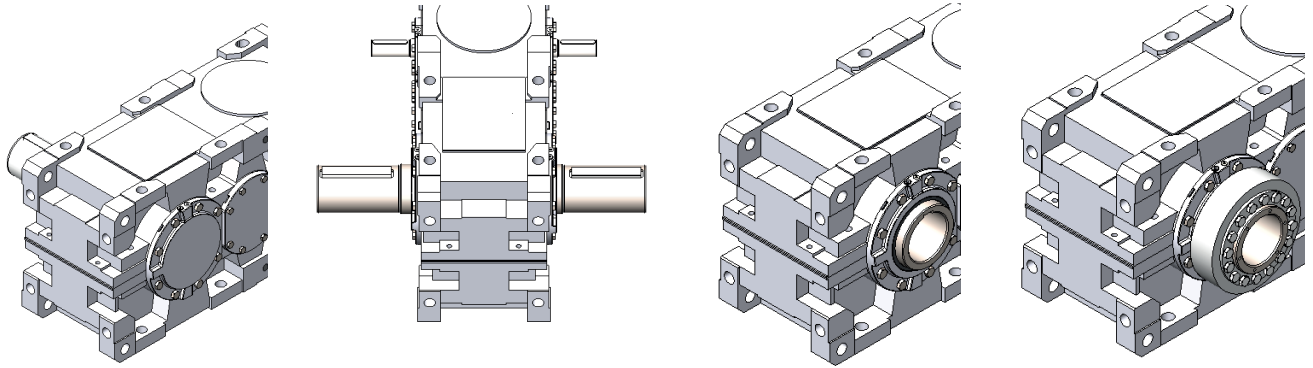


Product Description

7. Output Type

- A - Single end solid shaft (choose shaft Side 1 (L1) or Side 2 (L2), page 17)
- E - Double end solid shaft (output shaft position L1/L2, page 17)
- C - Hollow shaft with keyway
- G - Hollow shaft with shrink disc

Note: for hollow shaft, the side of the equipment input shaft must be chosen.



Single end solid shaft

Double end solid shaft

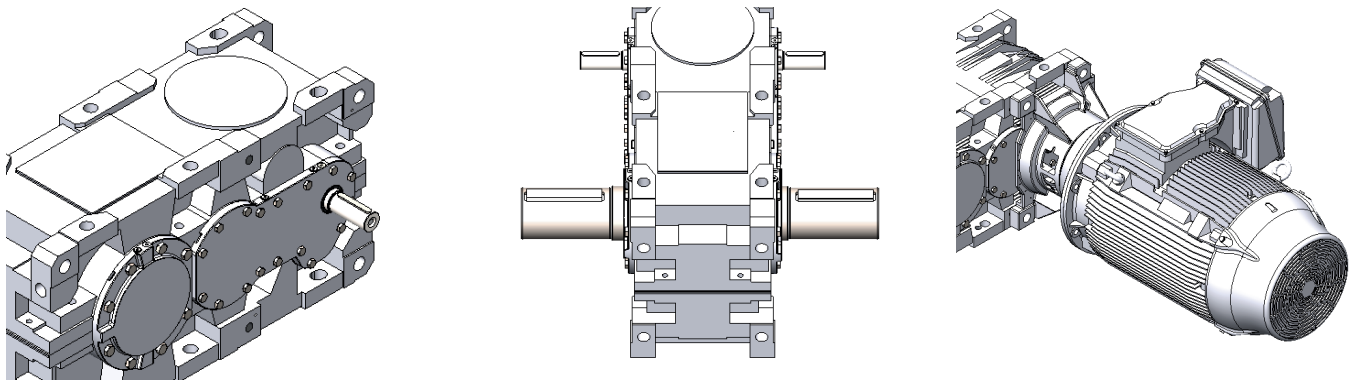
Parallel hollow shaft with keyway

Hollow shaft with shrink disc

8. Input Type

- B - Single end solid shaft (choose shaft Side 1 (L1) or Side 2 (L2), page 17)
- H - Double end solid shaft (input shaft position L1/L2, page 17)
- C - Flange for IEC motor (ROTEX or NORMEX coupling)

*Notes: For parallel shafts and motor flange, the mounting side of the flange (1 or 2) must be informed.
For right angle shafts, only single end solid shaft or flanged for IEC motor available.*



Single end solid shaft

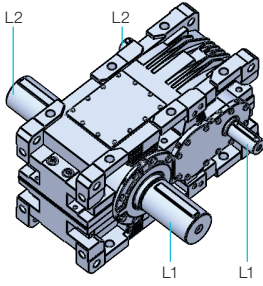
Double end solid shaft

Flange for IEC motor

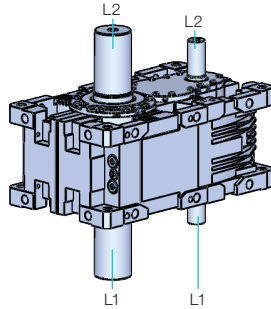
Mounting Positions

Parallel Shafts

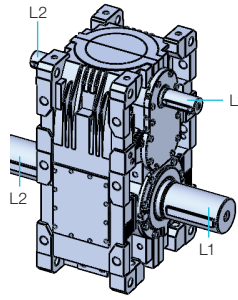
P1



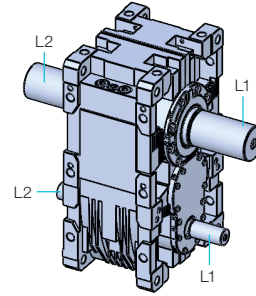
P5



P4

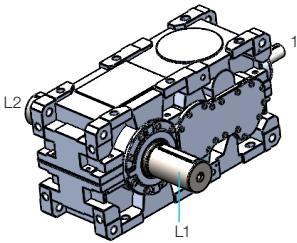


P2

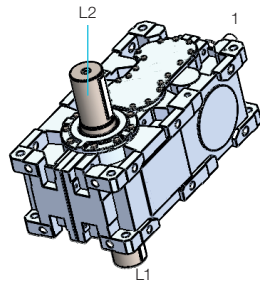


R Right Angle Shafts

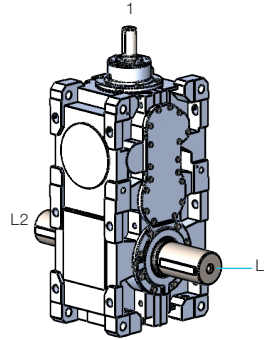
P1



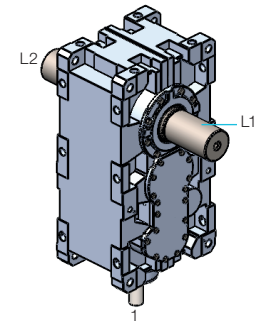
P5



P4

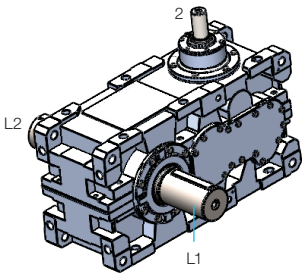


P2

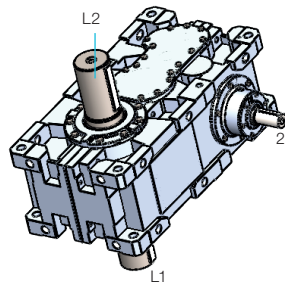


T Right Angle Shafts

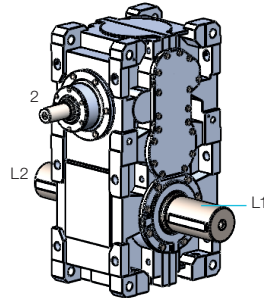
P1



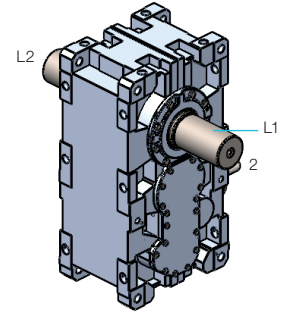
P5



P4



P2

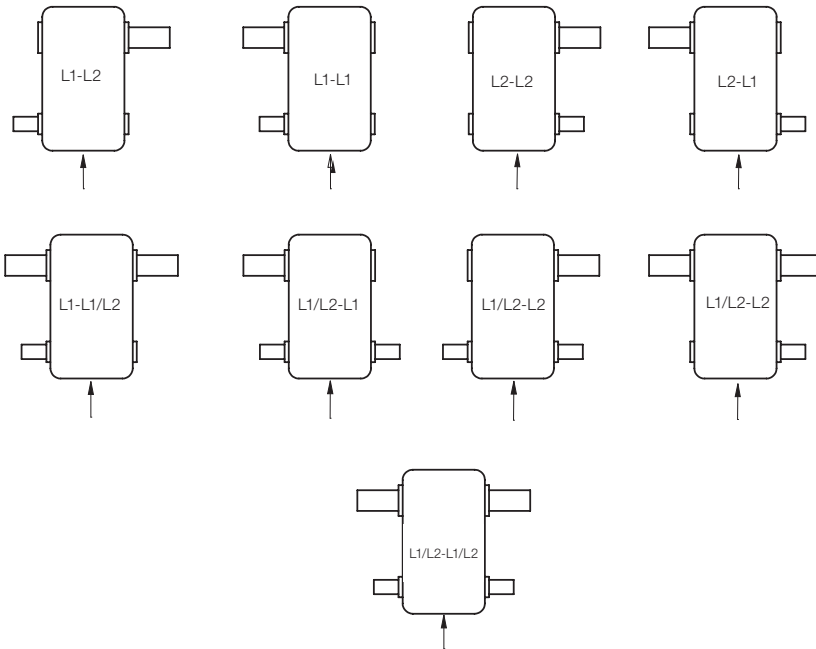


- (a) When the motor is mounted vertically (shaft down), it is recommended to use a drip cover for the motor.
- (b) For vertical mounting position P2, P4 and P5, the use of a lubrication system should be considered.
- Mounting position P1 is suitable for mounting surface S1 and S3.
- Mounting position P2 is suitable for mounting surface S2.
- Mounting position P4 is suitable for mounting surface S4.
- Mounting position P5 is suitable for mounting surface S5 and S6.
- For other combinations of mounting position/mounting surface, contact WEG-CESTARI.

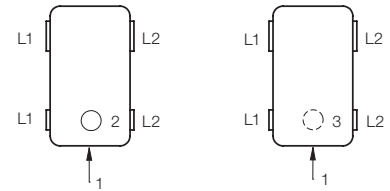
Mounting Positions

Position of Input and Output Shafts

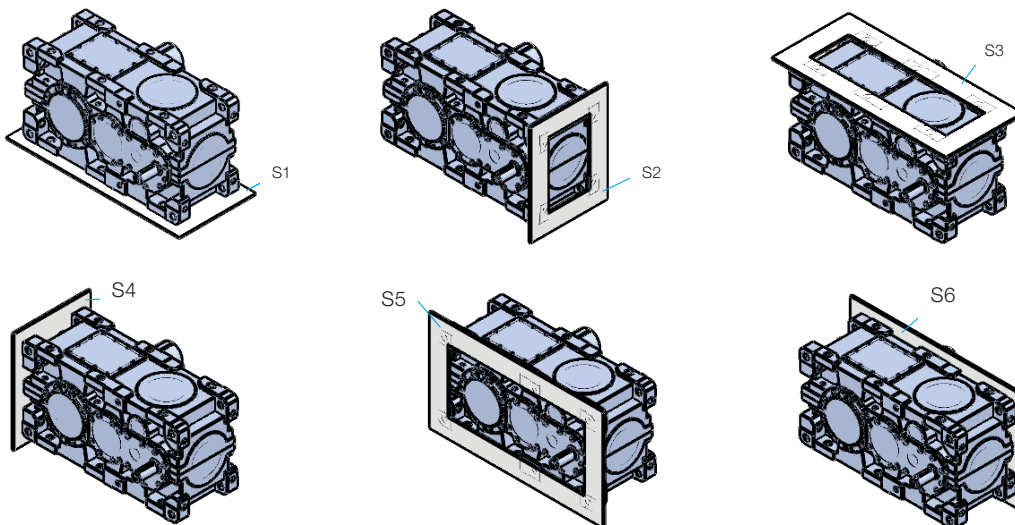
Parallel Shafts



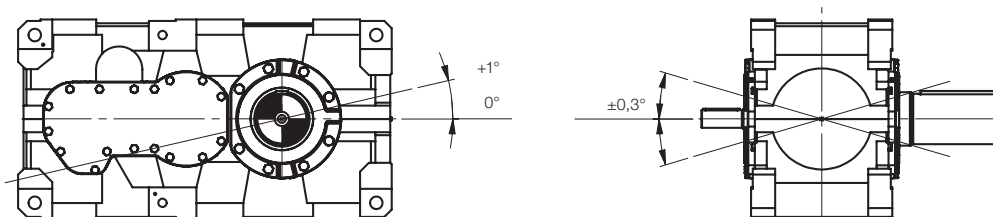
Right Angle Shafts



Mounting Surface



Industrial gearboxes must be installed on a level base (0.01 mm/100 mm). When the gearbox is specified to work on an inclined surface, do not install it with an inclination angle other than the specification. For standard gearboxes, the installation angle must be within the limits shown in the figure below.



For additional information, see the product installation and maintenance manual.

Form of Supply

Industrial line gearboxes are supplied, as standard, without lubricating oil. The housing is coated inside with an oil resistant paint. The shaft ends are protected against corrosion.

Below is the table with the painting schemes available for the customer. For other types of painting scheme, contact WEG-CESTARI.

Painting scheme	Recommended use	ISO 12944
207A / 203A	For normal, slightly harsh, sheltered or unsheltered environments, for industrial use, with low relative humidity, normal temperature variations and presence of SO ₂ . Suitable for conveyors and cargo handling in general, elevators, furniture industry, sugar and alcohol industry, pumps and machinery industry. (Not recommended for direct exposure to alkali, solvent and acid vapors.)	C2
205E	Equipment exposed to abrasive and oxidizing agents (chemical agents). Processing machines (agribusiness), pulp and paper, mining (conveyors), chemical (cooling tower) and petrochemical industries.	C4
202P	Equipment exposed to abrasive and oxidizing agents (chemical agents). Processing machines (agribusiness), broadcast towers, transformers, pulp and paper, mining (conveyors), sugar and alcohol, chemical (cooling tower), petrochemical and food industries.	C4
205P	Equipment exposed to abrasive and oxidizing agents (salinity). Recommended for processing machines (agribusiness), broadcast towers, transformers, pulp and paper, mining (conveyors), sugar and alcohol, chemical (cooling tower) and petrochemical industries.	C4
211E	For industrial, sheltered environments with high contamination of corrosive agents such as SO ₂ (sulfur dioxide) and Cl ⁻ (chloride), which may contain high moisture. Operating temperature from -60 °C to 120 °C. Suitable for application in refineries and petrochemical industries.	C5
211P	For industrial, sheltered or unsheltered environments, with high contamination of corrosive agents such as SO ₂ (sulfur dioxide) and Cl ⁻ (chloride), which may contain high humidity. Operating temperature from -60 °C to 120 °C. For application in refineries and petrochemical industries.	C5
212P	For industrial and marine, dry or wet, sheltered or unsheltered environments, <i>onshore or offshore</i> , with high salinity, containing or not gases derived from sulfur. Operating temperature from -60 °C to 120 °C. Recommended for application in pulp and paper, mining, chemical and petrochemical industries.	C5 and CX
212E	For industrial and marine, sheltered environments, with high contamination from corrosive agents such as SO ₂ (sulfur dioxide) and Cl ⁻ (chloride) and salinity, which may contain alkali, solvent and acid vapors, solid contaminants and high humidity. Operating temperature from -60 °C to 120 °C. Suitable for application in oil rigs.	C5
214P ¹⁾	For dry or humid environment, with moderate salinity, containing or not gases derived from sulfur. Operating temperature from -60 °C to 120 °C. Pulp and paper, mining, chemical and petrochemical industries.	C4

Note: 1) On request.

The gearboxes are supplied in Blue RAL 5009, standard for all product lines, and in the 207A painting scheme. For supplies in other colors, contact WEG-CESTARI.

Optional items

- Backstop (see pages 166 to 170)
- Flange for IEC motor (see pages 171 to 186 and 193)
- Serpentine (see pages 26 to 121 and 188)
- Taconite seal (see page 194)
- Torque arm (see page 187)

Lubrication and Lubricant Quantity

Proper lubrication is essential for the performance and service life of the gearbox. WCG50 gearboxes are lubricated by an oil bath and equipped with a dipstick level.

The correct oil level is in the center of the mark on the dipstick, with the gearbox stopped and in the specified working position.

The recommended lubricant is extreme pressure mineral oil according to DIN 51517-3 CLP.

For gearboxes operating at a minimum input shaft speed of 500 rpm and a maximum of 1800 rpm and a minimum ambient temperature of 10 °C and a maximum of 40 °C, we recommend oil with viscosity ISO VG 320. For temperatures below 10 °C and above 40 °C, contact WEG-CESTARI.

The table below contains some types of recommended oils and their respective manufacturers. For speeds and temperatures not included in this catalog, contact WEG-CESTARI. The approximate amount of lubricant is given in the tables on pages 20 to 25.

Manufacturer	Viscosity ISO VG 320		
	Mineral	PAO Synthetic	PG Synthetic
KLUBER	Kluberoil GEM1-320N	Klubersynth EG4-320	Klubersynth GH6-320
SHELL	OMALA S2 G 320	Omala S4 GX 320	Omala S4 WE 320
FUCHS	GEARMASTER CLP 320	GEARMASTER SYN CLP-HC 320	GEARMASTER PGP CLP-PG 320
MOBIL	MOBILGEAR 600 XP 320	MOBILGEAR SHC 632	-
IPIRANGA	IPIRANGA SP 320	IPIRANGA SP ULTRATECH SYNTHETIC 320	-
CASTROL	Optimize BM 320	Optigear Synthetic X320	-
PETRONAS	PETRONAS GEAR FL 320	PETRONAS GEAR SYN PAO 320	PETRONAS GEAR SYN PAG 320
WHITMORE	-	DECATHLON F PAO 320	DECATHLON PAGE 320
BECEM	Berugear GS 320 BM CLP	Berusynth GP 320 CLP HC	Berusynth EP 320 CLP PG
PETROBRAS	Lubrax Industrial EGF 320 OS	Lubrax Syntesys Gear PAO 320	-

Lubrication and Lubricant Quantity

Oil Volume

- The values in the following table are reference values. Exact values may vary according to the number of gears and their diameters.
- The exact volume of oil must be obtained after checking the level with the dipstick or sight glass (when available).
- For lubrication with pressure systems, the level must be checked after operation due to oil retention by the system.

Working Position P1

WCG50	Oil volume table - mounting position P1										
	Oil volume [L]										
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
2	LB ₁	LP ₂	-	3	LB ₁	LP ₂	-	4	LB ₁	LP ₂	-
W052P	23	23	-	W053P	33	33	-	W054P	32	32	-
W062P	24	24	-	W063P	35	35	-	W064P	34	34	-
W072P	43	43	-	W073P	63	63	-	W074P	61	61	-
W082P	41	41	-	W083P	60	60	-	W084P	58	58	-
W092P	52	52	-	W093P	74	74	-	W094P	72	72	-
W102P	52	52	-	W103P	74	74	-	W104P	72	72	-
W112P	69	69	-	W113P	102	102	-	W114P	98	98	-
W122P	68	68	-	W123P	101	101	-	W124P	97	97	-
W132P	100	100	-	W133P	150	150	-	W134P	145	145	-
W142P	97	97	-	W143P	146	146	-	W144P	140	140	-
W152P	130	130	-	W153P	187	187	-	W154P	180	180	-
W162P	124	124	-	W163P	182	182	-	W164P	175	175	-
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
2	LB ₁	LP ₂	-	3	LB ₁	LP ₂	-	4	LB ₁	LP ₂	-
W052R	23	23	-	W053R	33	33	-	W054R	33	33	-
W062R	24	24	-	W063R	35	35	-	W064R	35	35	-
W072R	43	43	-	W073R	62	62	-	W074R	62	62	-
W082R	41	41	-	W083R	59	59	-	W084R	60	60	-
W092R	53	53	-	W093R	74	74	-	W094R	74	74	-
W102R	52	52	-	W103R	73	73	-	W104R	73	73	-
W112R	69	69	-	W113R	102	102	-	W114R	102	102	-
W122R	69	69	-	W123R	101	101	-	W124R	101	101	-
W132R	100	100	-	W133R	150	150	-	W134R	150	150	-
W142R	97	97	-	W143R	145	145	-	W144R	145	145	-
W152R	130	130	-	W153R	186	186	-	W154R	186	186	-
W162R	123	123	-	W163R	180	180	-	W164R	181	181	-
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
3	LB ₁	LP ₂	LI ₃	4	LB ₁	LP ₂	LI ₃	4	LB ₁	LP ₂	LI ₃
W053T	33	33	69	W054T	44	33	69	W054T	44	33	69
W063T	35	35	73	W064T	46	34	73	W064T	46	34	73
W073T	63	63	126	W074T	82	62	126	W074T	82	62	126
W083T	60	60	122	W084T	78	60	122	W084T	78	60	122
W093T	75	75	154	W094T	102	74	155	W094T	102	74	155
W103T	74	74	152	W104T	98	73	152	W104T	98	73	152
W113T	102	102	213	W114T	142	102	213	W114T	142	102	213
W123T	102	102	210	W124T	141	101	211	W124T	141	101	211
W133T	151	151	316	W134T	205	150	316	W134T	205	150	316
W143T	146	146	306	W144T	201	147	309	W144T	201	147	309
W153T	188	188	388	W154T	251	187	390	W154T	251	187	390
W163T	182	182	377	W164T	244	181	379	W164T	244	181	379

Legend:

ST: number of stages

LB₁: oil bath lubrication (splash)

LP₂: oil pressure lubrication

LI₃: oil immersion lubrication

Lubrication and Lubricant Quantity

Oil Volume

- The values in the following table are reference values. Exact values may vary according to the number of gears and their diameters.
- The exact volume of oil must be obtained after checking the level with the dipstick or sight glass (when available).
- For lubrication with pressure systems, the level must be checked after operation due to oil retention by the system.

Working Position P2

WCG50	Oil volume table - mounting position P2										
	Oil volume [L]										
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
2	-	-	LI ₃	3	-	-	LI ₃	4	-	-	LI ₃
W052P	-	-	37	W053P	-	-	51	W054P	-	-	50
W062P	-	-	38	W063P	-	-	53	W064P	-	-	52
W072P	-	-	62	W073P	-	-	86	W074P	-	-	85
W082P	-	-	65	W083P	-	-	90	W084P	-	-	89
W092P	-	-	78	W093P	-	-	104	W094P	-	-	105
W102P	-	-	80	W103P	-	-	107	W104P	-	-	105
W112P	-	-	105	W113P	-	-	144	W114P	-	-	141
W122P	-	-	108	W123P	-	-	149	W124P	-	-	145
W132P	-	-	152	W133P	-	-	213	W134P	-	-	207
W142P	-	-	159	W143P	-	-	218	W144P	-	-	212
W152P	-	-	201	W153P	-	-	275	W154P	-	-	269
W162P	-	-	207	W163P	-	-	279	W164P	-	-	273
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
2	-	-	LI ₃	3	-	-	LI ₃	4	-	-	LI ₃
W052R	-	-	38	W053R	-	-	50	W054R	-	-	50
W062R	-	-	39	W063R	-	-	53	W064R	-	-	53
W072R	-	-	62	W073R	-	-	86	W074R	-	-	86
W082R	-	-	65	W083R	-	-	89	W084R	-	-	89
W092R	-	-	79	W093R	-	-	104	W094R	-	-	104
W102R	-	-	82	W103R	-	-	107	W104R	-	-	107
W112R	-	-	110	W113R	-	-	144	W114R	-	-	144
W122R	-	-	113	W123R	-	-	149	W124R	-	-	149
W132R	-	-	157	W133R	-	-	214	W134R	-	-	213
W142R	-	-	164	W143R	-	-	219	W144R	-	-	218
W152R	-	-	207	W153R	-	-	273	W154R	-	-	274
W162R	-	-	210	W163R	-	-	277	W164R	-	-	278
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
3	-	-	LI ₃	4	-	-	LI ₃	4	-	-	LI ₃
W053T	-	-	50	W054T	-	-	50	W054T	-	-	50
W063T	-	-	53	W064T	-	-	52	W064T	-	-	52
W073T	-	-	85	W074T	-	-	85	W074T	-	-	85
W083T	-	-	89	W084T	-	-	89	W084T	-	-	89
W093T	-	-	103	W094T	-	-	104	W094T	-	-	104
W103T	-	-	106	W104T	-	-	107	W104T	-	-	107
W113T	-	-	143	W114T	-	-	143	W114T	-	-	143
W123T	-	-	148	W124T	-	-	148	W124T	-	-	148
W133T	-	-	211	W134T	-	-	212	W134T	-	-	212
W143T	-	-	218	W144T	-	-	220	W144T	-	-	220
W153T	-	-	271	W154T	-	-	273	W154T	-	-	273
W163T	-	-	275	W164T	-	-	277	W164T	-	-	277

Lubrication and Lubricant Quantity

Oil Volume

- The values in the following table are reference values. Exact values may vary according to the number of gears and their diameters.
- The exact volume of oil must be obtained after checking the level with the dipstick or sight glass (when available).
- For lubrication with pressure systems, the level must be checked after operation due to oil retention by the system.

Working Position P3

WCG50	Oil volume table - mounting position P3										
	Oil volume [L]										
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
2	LB ₁	-	-	3	LB ₁	-	-	4	LB ₁	-	-
W052P	23	-	-	W053P	31	-	-	W054P	40	-	-
W062P	24	-	-	W063P	33	-	-	W064P	42	-	-
W072P	43	-	-	W073P	57	-	-	W074P	70	-	-
W082P	41	-	-	W083P	54	-	-	W084P	68	-	-
W092P	52	-	-	W093P	68	-	-	W094P	88	-	-
W102P	52	-	-	W103P	67	-	-	W104P	87	-	-
W112P	69	-	-	W113P	96	-	-	W114P	123	-	-
W122P	68	-	-	W123P	95	-	-	W124P	122	-	-
W132P	100	-	-	W133P	142	-	-	W134P	182	-	-
W142P	97	-	-	W143P	137	-	-	W144P	175	-	-
W152P	130	-	-	W153P	178	-	-	W154P	224	-	-
W162P	124	-	-	W163P	173	-	-	W164P	218	-	-
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
2	LB ₁	-	-	3	LB ₁	-	-	4	LB ₁	-	-
W052R	23	-	-	W053R	31	-	-	W054R	31	-	-
W062R	24	-	-	W063R	32	-	-	W064R	32	-	-
W072R	43	-	-	W073R	56	-	-	W074R	56	-	-
W082R	41	-	-	W083R	54	-	-	W084R	54	-	-
W092R	53	-	-	W093R	68	-	-	W094R	68	-	-
W102R	52	-	-	W103R	66	-	-	W104R	66	-	-
W112R	69	-	-	W113R	96	-	-	W114R	96	-	-
W122R	69	-	-	W123R	94	-	-	W124R	94	-	-
W132R	100	-	-	W133R	142	-	-	W134R	142	-	-
W142R	97	-	-	W143R	137	-	-	W144R	137	-	-
W152R	130	-	-	W153R	176	-	-	W154R	177	-	-
W162R	123	-	-	W163R	171	-	-	W164R	172	-	-
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
3	LB ₁	-	-	4	LB ₁	-	-	4	LB ₁	-	-
W053T	29	-	-	W054T	29	-	-	W054T	29	-	-
W063T	31	-	-	W064T	31	-	-	W064T	31	-	-
W073T	54	-	-	W074T	54	-	-	W074T	54	-	-
W083T	51	-	-	W084T	52	-	-	W084T	52	-	-
W093T	65	-	-	W094T	67	-	-	W094T	67	-	-
W103T	63	-	-	W104T	65	-	-	W104T	65	-	-
W113T	92	-	-	W114T	93	-	-	W114T	93	-	-
W123T	91	-	-	W124T	92	-	-	W124T	92	-	-
W133T	136	-	-	W134T	138	-	-	W134T	138	-	-
W143T	132	-	-	W144T	135	-	-	W144T	135	-	-
W153T	169	-	-	W154T	172	-	-	W154T	172	-	-
W163T	164	-	-	W164T	168	-	-	W164T	168	-	-

Lubrication and Lubricant Quantity

Oil Volume

- The values in the following table are reference values. Exact values may vary according to the number of gears and their diameters.
- The exact volume of oil must be obtained after checking the level with the dipstick or sight glass (when available).
- For lubrication with pressure systems, the level must be checked after operation due to oil retention by the system.

Working Position P4

WCG50	Oil volume table - mounting position P4										
	Oil volume [L]										
	ST	Lubrication types			ST	Lubrication types			ST	Lubrication types	
2	LB ₁	LP ₂	LI ₃	3	LB ₁	LP ₂	LI ₃	4	LB ₁	LP ₂	LI ₃
W052P	25	25	41	W053P	26	26	58	W054P	26	26	57
W062P	28	28	44	W063P	30	30	62	W064P	30	30	61
W072P	52	52	83	W073P	56	56	112	W074P	56	56	110
W082P	49	49	79	W083P	53	53	107	W084P	53	53	106
W092P	61	61	96	W093P	64	64	135	W094P	64	64	132
W102P	60	60	95	W103P	61	61	133	W104P	61	61	131
W112P	83	83	131	W113P	86	86	186	W114P	86	86	184
W122P	79	79	129	W123P	82	82	184	W124P	82	82	181
W132P	126	126	192	W133P	130	130	277	W134P	130	130	273
W142P	113	113	184	W143P	116	116	266	W144P	116	116	262
W152P	151	151	242	W153P	151	151	341	W154P	151	151	336
W162P	136	136	228	W163P	137	137	330	W164P	137	137	325
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
2	LB ₁	LP ₂	LI ₃	3	LB ₁	LP ₂	LI ₃	4	LB ₁	LP ₂	LI ₃
W052R	25	25	55	W053R	26	26	69	W054R	26	26	69
W062R	28	28	58	W063R	30	30	73	W064R	30	30	73
W072R	52	52	102	W073R	56	56	127	W074R	56	56	127
W082R	49	49	97	W083R	53	53	123	W084R	53	53	123
W092R	62	62	127	W093R	64	64	155	W094R	64	64	155
W102R	61	61	126	W103R	61	61	153	W104R	61	61	153
W112R	83	83	176	W113R	86	86	214	W114R	86	86	214
W122R	80	80	173	W123R	82	82	212	W124R	82	82	211
W132R	128	128	258	W133R	130	130	319	W134R	130	130	318
W142R	114	114	250	W143R	116	116	308	W144R	116	116	307
W152R	152	152	322	W153R	151	151	390	W154R	151	151	391
W162R	137	137	309	W163R	137	137	380	W164R	137	137	380
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
3	LB ₁	LP ₂	LI ₃	4	LB ₁	LP ₂	LI ₃	4	LB ₁	LP ₂	LI ₃
W053T	26	26	45	W054T	26	26	46				
W063T	30	30	50	W064T	30	30	50				
W073T	56	56	86	W074T	56	56	86				
W083T	53	53	82	W084T	53	53	82				
W093T	64	64	101	W094T	64	64	101				
W103T	61	61	98	W104T	61	61	98				
W113T	86	86	136	W114T	86	86	136				
W123T	82	82	133	W124T	82	82	133				
W133T	130	130	198	W134T	130	130	209				
W143T	116	116	188	W144T	116	116	203				
W153T	151	151	245	W154T	151	151	262				
W163T	137	137	236	W164T	137	137	253				

Lubrication and Lubricant Quantity

Oil Volume

- The values in the following table are reference values. Exact values may vary according to the number of gears and their diameters.
- The exact volume of oil must be obtained after checking the level with the dipstick or sight glass (when available).
- For lubrication with pressure systems, the level must be checked after operation due to oil retention by the system.

Working Position P5-P6

WCG50	Oil volume table - mounting position P5-P6										
	Oil volume [L]										
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
2	-	LP ₂	LI ₃	3	-	LP ₂	LI ₃	4	-	LP ₂	LI ₃
W052P	-	36	55	W053P	-	45	70	W054P	-	44	69
W062P	-	36	58	W063P	-	45	74	W064P	-	45	73
W072P	-	68	102	W073P	-	83	128	W074P	-	82	126
W082P	-	62	98	W083P	-	77	123	W084P	-	76	122
W092P	-	84	126	W093P	-	103	155	W094P	-	101	152
W102P	-	82	124	W103P	-	99	153	W104P	-	97	151
W112P	-	119	171	W113P	-	145	214	W114P	-	142	210
W122P	-	114	168	W123P	-	141	212	W124P	-	138	208
W132P	-	171	253	W133P	-	211	318	W134P	-	205	312
W142P	-	162	245	W143P	-	199	307	W144P	-	196	301
W152P	-	208	315	W153P	-	251	392	W154P	-	247	385
W162P	-	199	306	W163P	-	239	381	W164P	-	234	375
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
2	-	LP ₂	LI ₃	3	-	LP ₂	LI ₃	4	-	LP ₂	LI ₃
W052R	-	36	55	W053R	-	44	69	W054R	-	44	69
W062R	-	36	58	W063R	-	45	73	W064R	-	45	73
W072R	-	67	102	W073R	-	82	127	W074R	-	82	127
W082R	-	62	97	W083R	-	77	123	W084R	-	77	123
W092R	-	84	127	W093R	-	103	155	W094R	-	103	155
W102R	-	82	126	W103R	-	98	153	W104R	-	98	153
W112R	-	121	176	W113R	-	145	214	W114R	-	145	214
W122R	-	116	173	W123R	-	140	212	W124R	-	140	211
W132R	-	173	258	W133R	-	210	319	W134R	-	209	318
W142R	-	164	250	W143R	-	199	307	W144R	-	199	307
W152R	-	211	322	W153R	-	248	390	W154R	-	249	391
W162R	-	198	309	W163R	-	237	379	W164R	-	237	380
ST	Lubrication types			ST	Lubrication types			ST	Lubrication types		
3	-	LP ₂	LI ₃	4	-	LP ₂	LI ₃	4	-	LP ₂	LI ₃
W053T	-	44	69	W054T	-	44	69	W054T	-	44	69
W063T	-	45	73	W064T	-	45	73	W064T	-	45	73
W073T	-	82	127	W074T	-	82	127	W074T	-	82	127
W083T	-	77	123	W084T	-	77	123	W084T	-	77	123
W093T	-	103	155	W094T	-	103	155	W094T	-	103	155
W103T	-	98	153	W104T	-	98	153	W104T	-	98	153
W113T	-	145	214	W114T	-	145	214	W114T	-	145	214
W123T	-	140	212	W124T	-	140	211	W124T	-	140	211
W133T	-	210	319	W134T	-	209	318	W134T	-	209	318
W143T	-	199	307	W144T	-	199	307	W144T	-	199	307
W153T	-	248	390	W154T	-	249	391	W154T	-	249	391
W163T	-	237	379	W164T	-	237	380	W164T	-	237	380

Lubrication and Lubricant Quantity

The operating temperature is the oil temperature after the stabilization of the working temperature at full load (after approximately three hours of continuous operation). The minimum ambient temperature for starting gearboxes depends on the viscosity and type of lubricating oil. The table below shows the minimum ambient temperature for starting the gearboxes:

Oil		Minimum temperature	
Type	Viscosity	Immersion lubrication	Forced lubrication
Mineral CLP	ISO VG 320	+7 °C	+14 °C
CLP HC Synthetic (PAO)	ISO VG 320	0 °C	+8 °C

For other temperatures, contact WEG-CESTARI.

The external temperature of the housing is approximately 15 °C below the operating temperature (oil temperature).

In case of adverse environment conditions (high humidity, aggressiveness, dust), the change period may be reduced. In this case, contact WEG-CESTARI.

Selection Tables

W06 - n1 = 1800 rpm														28 kNm	
i _N	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.82	230	24.4	604	168	373	327	*	255	224	*	308	270	2	
9	8.99	200	26.7	576	157	348	306	*	246	216	*	298	261		
10	9.71	185	27.6	551	157	348	306	*	268	235	*	309	271		
11.2	11.16	161	28	487	148	327	287	*	253	222	132	293	257		
12.5	12.47	144	28	436	141	312	274	118	261	229	130	289	254		
14	14.34	126	28	380	133	294	258	111	246	215	123	273	240		
16	15.73	114	28	346	133	294	258	117	260	228	126	279	245		
18	18.10	99	28	302	125	277	243	110	244	214	119	264	231		
20	19.53	92	28	280	121	269	236	112	248	217	117	260	228		
22.4	22.47	80	28	244	115	254	223	105	233	204	111	246	215		

Legend:

PT = thermal power.

PTG = thermal capacity of the gearbox without systems (dissipated by the housing).

PTV = thermal capacity of the gearbox with fan.

PTC = thermal capacity of the gearbox with coil.

i_N = nominal gear ratio.

i_{ex} = exact gear ratio.

n1 = input speed.

n2 = output speed.

M2 = rated torque.

P1 = rated power.

ST = stages.

Selection Tables

Parallel Gearboxes W05 P - 1800 rpm

W05 - n1 = 1800 rpm														22 kNm	
i _N	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.23	289	18.3	570	*	333	298	*	229	221	*	280	271	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.21	250	19.5	525	*	311	280	*	218	211	*	268	259		
8	7.74	232	19.5	489	139	309	285	*	235	228	*	274	266		
9	8.96	201	21	456	132	292	268	*	224	216	*	263	254		
10	9.95	181	21	410	125	278	260	*	232	225	117	258	250		
11.2	11.51	156	22	372	118	262	244	*	219	212	110	244	236		
12.5	12.55	143	22	341	118	261	247	104	232	224	112	249	241		
14	14.52	124	22	294	111	246	233	98	218	211	106	235	227		
16	15.58	116	22	274	108	238	227	99	220	213	104	231	223		
18	18.02	100	22	237	102	226	215	93	207	200	99	219	212		
20	19.51	92	19	192	109	241	233	97	216	209	103	229	221	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.57	80	22	192	102	226	219	92	204	198	97	216	209		
25	24.62	73	22	176	103	228	221	93	206	200	99	219	212		
28	28.48	63	22	152	98	218	211	88	195	189	94	208	202		
31.5	31.38	57	22	138	99	220	213	92	205	198	97	214	207		
35.5	36.29	50	22	120	95	210	203	88	194	188	92	204	198		
40	38.95	46	22	111	93	205	199	86	191	185	91	201	194		
45	45.05	40	22	96	89	196	190	82	181	175	86	191	185		
50	49.60	36	22	87	90	200	193	87	193	187	89	197	191		
56	57.38	31	22	76	86	191	185	83	185	179	85	189	183		
63	61.58	29	22	70	84	187	181	81	180	175	84	185	179		
71	71.23	25	22	61	81	179	173	78	172	167	80	177	172		
80	81.15	22	22	53	77	170	164	74	163	158	76	168	163		
90	91.85	20	22	47	74	164	159	72	159	154	74	163	158		
100	100.89	18	22	44	64	-	137	62	-	133	63	-	134	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.74	16	22	39	61	-	131	59	-	127	60	-	129		
125	127.29	14	22	35	58	-	124	56	-	120	57	-	122		
140	142.21	13	22	31	57	-	123	55	-	118	56	-	121		
160	162.01	11.1	22	27	54	-	116	52	-	112	53	-	115		
180	176.65	10.2	22	25	53	-	113	51	-	109	52	-	112		
200	201.25	8.9	22	22	50	-	107	48	-	103	49	-	106		
224	226.50	7.9	22	19	51	-	108	50	-	107	50	-	108		
250	258.04	7.0	22	17	48	-	103	47	-	101	48	-	102		
280	281.36	6.4	22	16	47	-	100	46	-	98	46	-	99		
315	320.53	5.6	22	14	44	-	95	44	-	93	44	-	94		
355	362.81	5.0	22	12	42	-	90	41	-	89	42	-	90		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W06 P - 1800 rpm

W06 - n1 = 1800 rpm														28 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.82	230	24	597	168	373	313	*	255	233	*	308	281	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
9	8.99	200	26	562	157	348	295	*	246	225	*	298	272		
10	9.71	185	27	541	157	348	302	*	268	245	*	309	282		
11.2	11.16	161	28	487	148	327	283	*	253	230	132	293	267		
12.5	12.47	144	28	436	141	312	275	118	261	238	130	289	264		
14	14.34	126	28	379	133	294	259	111	246	224	123	273	249		
16	15.73	114	28	346	133	294	261	117	260	237	126	279	255		
18	18.10	99	28	301	125	277	246	110	244	223	119	264	241		
20	19.53	92	28	279	121	269	241	112	248	226	117	260	237		
22.4	22.47	80	28	242	115	254	228	105	233	212	111	246	224		
25	24.46	74	24	193	117	260	243	105	232	217	111	245	230	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
28	28.13	64	28	196	110	243	227	99	219	205	104	231	216		
31.5	30.86	58	28	179	111	245	229	100	222	208	106	235	220		
35.5	35.50	51	28	156	105	233	218	95	209	196	101	224	209		
40	39.33	46	28	140	107	236	221	99	220	206	104	230	215		
45	45.24	40	28	122	102	225	210	94	208	195	99	219	205		
50	48.83	37	28	113	99	220	206	92	204	191	97	215	201		
56	56.16	32	28	98	95	210	196	88	194	181	93	205	192		
63	62.18	29	28	89	97	214	200	94	207	194	96	212	198		
71	71.52	25	28	77	93	205	192	89	197	185	91	202	189		
80	77.19	23	28	72	91	201	188	88	194	181	90	199	186		
90	88.79	20	28	62	87	192	180	83	185	173	86	190	178		
100	101.16	18	28	55	82	182	170	79	174	163	81	180	168		
112	114.50	16	28	48	79	176	165	77	170	159	79	174	163		
125	125.76	14	28	45	68	-	142	66	-	137	67	-	139	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
140	139.29	13	28	40	65	-	135	63	-	131	64	-	133		
160	158.68	11	28	35	62	-	129	60	-	124	61	-	127		
180	177.27	10	28	32	61	-	127	59	-	123	60	-	125		
200	201.96	8.9	28	28	58	-	121	56	-	116	57	-	119		
224	220.21	8.2	28	25	56	-	117	55	-	113	56	-	115		
250	250.87	7.2	28	22	54	-	111	52	-	107	53	-	110		
280	282.35	6.4	28	20	54	-	112	53	-	111	54	-	112		
315	321.67	5.6	28	17	52	-	107	51	-	105	51	-	106		
355	350.73	5.1	28	16	50	-	104	49	-	102	50	-	103		
400	399.57	4.5	28	14	48	-	98	47	-	97	47	-	98		
450	452.27	4.0	28	12	45	-	94	44	-	92	45	-	93		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W07 P - 1800 rpm

W07 - n1 = 1800 rpm														36 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.26	288	31	963	*	473	365	*	302	*	*	403	318	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.24	249	34	913	*	447	345	*	291	*	*	392	310		
8	7.74	232	35	878	*	455	355	*	331	261	*	412	326		
9	8.96	201	36	781	*	428	335	*	312	246	*	392	310		
10	9.86	183	36	709	195	431	340	*	345	272	*	405	320		
11.2	11.41	158	36	613	183	405	320	*	321	254	173	384	303		
12.5	12.35	146	36	567	183	405	320	156	347	274	176	390	308		
14	14.28	126	36	490	172	381	301	146	324	256	166	368	290		
16	15.55	116	36	450	162	360	284	146	323	255	158	351	277		
18	17.98	100	36	389	154	341	269	137	304	240	150	333	263		
20	19.34	93	33.5	341	173	384	308	145	320	257	159	352	282	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.37	80	36	317	164	362	291	136	302	242	150	333	267		
25	24.22	74	36	293	162	359	288	137	303	243	152	336	269		
28	28.02	64	36	253	154	342	274	128	284	228	144	319	256		
31.5	30.87	58	36	230	156	345	276	138	305	244	149	329	264		
35.5	35.71	50	36	199	148	328	263	130	288	231	141	313	251		
40	38.86	46	36	183	139	308	247	122	271	217	133	295	237		
45	44.95	40	36	158	133	295	236	116	257	206	127	282	226		
50	48.66	37	36	146	139	307	246	130	289	232	136	301	241		
56	56.29	32	36	126	133	295	236	124	275	221	130	288	231		
63	61.27	29	36	116	125	277	222	117	259	208	122	271	217		
71	70.87	25	36	100	120	266	214	112	247	198	118	260	209		
80	81.45	22	36	87	117	259	208	108	239	192	115	254	203		
90	92.99	19	36	76	116	257	207	109	242	194	114	253	203		
100	96.32	19	36	75	96	-	170	91	-	162	93	-	166	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.41	16	36	65	92	-	163	87	-	155	89	-	159		
125	128.04	14	36	56	89	-	159	84	-	150	87	-	154		
140	141.79	13	36	51	85	-	151	81	-	143	83	-	148		
160	162.95	11.0	36	44	83	-	147	78	-	138	81	-	143		
180	175.63	10.2	36	41	78	-	139	74	-	132	77	-	136		
200	201.84	8.9	36	36	76	-	136	72	-	127	74	-	132		
224	225.68	8.0	36	32	76	-	134	74	-	131	75	-	133		
250	259.36	6.9	36	28	74	-	131	72	-	127	73	-	129		
280	279.54	6.4	36	26	70	-	124	68	-	121	69	-	123		
315	321.26	5.6	36	22	68	-	121	66	-	117	67	-	119		
355	366.81	4.9	36	20	66	-	117	64	-	113	65	-	115		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W08 P - 1800 rpm

W08 - n1 = 1800 rpm														46 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.84	230	39	966	*	487	368	*	305	*	*	404	313	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
9	9.02	200	42.5	915	*	462	350	*	298	*	*	399	309		
10	9.71	185	44	881	*	472	363	*	341	264	*	421	326		
11.2	11.16	161	45	783	*	445	342	*	323	250	*	404	313		
12.5	12.36	146	46	723	203	451	349	*	360	278	190	421	326		
14	14.22	127	46	629	191	424	328	*	336	260	180	399	309		
16	15.48	116	46	577	192	425	329	164	363	281	183	407	315		
18	17.80	101	46	502	181	400	310	153	340	263	173	384	297		
20	19.49	92	46	459	171	378	292	153	339	262	166	367	284		
22.4	22.42	80	46	399	161	357	276	144	319	247	157	348	269		
25	24.25	74	42	342	181	401	316	151	334	263	166	367	289	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
28	27.89	65	46	325	170	377	297	143	316	249	156	346	273		
31.5	30.36	59	46	299	169	375	295	143	317	250	158	350	276		
35.5	34.92	52	46	260	161	356	281	134	297	234	150	331	261		
40	38.70	47	46	234	162	359	283	144	319	251	155	343	271		
45	44.51	40	46	204	155	342	270	136	301	237	147	326	257		
50	48.72	37	46	186	145	322	254	128	284	224	140	309	243		
56	56.04	32	46	162	139	307	242	121	268	211	133	294	232		
63	61.00	30	46	149	145	321	253	136	301	237	142	314	248		
71	70.17	26	46	129	138	307	242	129	287	226	135	300	236		
80	76.80	23	46	118	130	289	227	122	270	213	128	283	223		
90	88.34	20	46	103	125	277	218	116	258	203	122	271	213		
100	101.53	18	46	89	122	270	213	113	250	197	119	264	208		
112	115.92	16	46	78	121	268	211	114	252	199	119	263	208		
125	120.73	15	46	76	100	-	174	95	-	166	98	-	170	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
140	138.88	13	46	66	96	-	167	91	-	159	93	-	163		
160	159.61	11	46	58	93	-	163	88	-	154	91	-	158		
180	176.75	10	46	52	89	-	155	84	-	147	87	-	151		
200	203.14	8.9	46	45	86	-	151	81	-	142	84	-	147		
224	218.94	8.2	46	42	82	-	143	78	-	135	80	-	140		
250	251.61	7.2	46	37	80	-	139	75	-	131	78	-	136		
280	281.33	6.4	46	33	79	-	138	77	-	135	78	-	136		
315	323.31	5.6	46	29	77	-	134	75	-	130	76	-	133		
355	348.46	5.2	46	26	73	-	127	71	-	124	72	-	126		
400	400.47	4.5	46	23	71	-	124	69	-	120	70	-	122		
450	457.26	3.9	46	20	69	-	120	67	-	116	68	-	118		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W09 P - 1800 rpm

W09 - n1 = 1800 rpm														58.5 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.23	289	48	1496 ¹⁾	*	517	420	*	*	*	*	411	*	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.21	250	52	1401 ¹⁾	*	493	400	*	*	*	*	407	*		
8	7.74	232	55	1380	*	507	411	*	*	*	*	439	357		
9	8.96	201	58.5	1269	*	478	388	*	*	*	*	424	344		
10	9.94	181	58.5	1144	*	488	396	*	364	296	*	446	362		
11.2	11.50	157	58.5	989	*	457	371	*	339	275	*	423	343		
12.5	12.40	145	58.5	917	*	460	373	*	371	301	*	433	351		
14	14.34	126	58.5	793	*	433	351	*	346	281	*	410	332		
16	15.53	116	58.5	732	185	411	333	*	354	287	*	396	322		
18	17.96	100	58.5	633	175	389	316	*	332	269	*	376	305		
20	19.51	92	53.7	543	211	467	383	163	361	297	187	414	340	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.57	80	58.5	511	199	441	362	155	342	281	177	391	321		
25	24.33	74	58.5	474	200	444	364	157	347	285	182	404	331		
28	28.15	64	58.5	410	192	424	348	146	324	266	172	382	313		
31.5	31.26	58	58.5	369	189	419	344	158	350	287	177	392	322		
35.5	36.16	50	58.5	319	181	400	328	149	330	270	168	373	306		
40	39.17	46	58.5	294	172	382	313	143	316	259	162	360	295		
45	45.30	40	58.5	255	165	366	300	135	298	244	155	343	282		
50	48.97	37	58.5	236	178	395	324	162	360	295	172	382	313		
56	56.64	32	58.5	204	171	378	310	154	341	280	165	365	300		
63	61.35	29	58.5	188	162	359	294	147	325	267	157	348	286		
71	70.96	25	58.5	163	156	345	283	139	309	253	151	333	274		
80	80.62	22	58.5	143	153	339	278	136	301	247	148	328	269		
90	91.85	20	58.5	126	148	328	269	134	297	244	144	319	262		
100	97.91	18	58.5	120	117	-	213	109	-	199	113	-	205	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	113.26	16	58.5	104	113	-	205	104	-	190	108	-	197		
125	128.68	14	58.5	91	111	-	201	102	-	185	106	-	192		
140	142.90	13	58.5	82	107	-	194	99	-	179	103	-	187		
160	162.36	11.1	58.5	72	105	-	190	96	-	175	101	-	183		
180	177.40	10.1	58.5	66	99	-	181	92	-	167	96	-	175		
200	201.56	8.9	58.5	58	98	-	177	89	-	162	94	-	171		
224	225.92	8.0	58.5	52	94	-	171	91	-	166	93	-	169		
250	256.69	7.0	58.5	46	92	-	168	89	-	161	91	-	165		
280	280.47	6.4	58.5	42	88	-	160	85	-	154	87	-	158		
315	318.66	5.6	58.5	37	86	-	156	82	-	150	85	-	154		
355	363.03	5.0	58.5	32	82	-	148	78	-	142	80	-	146		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes W10 P - 1800 rpm

W10 - n1 = 1800 rpm														67 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.03	256	55	1521 ¹⁾	*	528	423	*	*	*	*	413	*	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.10	222	60	1439 ¹⁾	*	505	404	*	*	*	*	414	*		
9	8.72	206	62	1381	*	520	417	*	*	*	*	446	357		
10	10.06	179	67	1294	*	493	395	*	*	*	*	433	347		
11.2	11.20	161	67	1162	*	503	403	*	375	300	*	457	366		
12.5	12.92	139	67	1008	*	473	379	*	350	280	*	434	348		
14	13.97	129	67	932	*	474	380	*	382	306	*	446	357		
16	16.11	112	67	808	*	446	357	*	358	286	*	422	338		
18	17.50	103	67	744	192	424	340	*	365	293	*	408	327		
20	20.18	89	67	645	181	402	322	*	344	275	*	387	310		
22.4	21.99	82	60.5	543	218	482	391	168	371	301	192	424	344	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.35	71	67	521	204	452	367	159	352	285	182	402	326		
28	27.42	66	67	482	206	456	370	162	358	290	187	415	337		
31.5	31.62	57	67	418	196	434	353	151	335	272	177	391	318		
35.5	35.22	51	67	375	194	429	349	163	360	292	182	403	327		
40	40.62	44	67	325	186	411	334	153	339	275	173	383	311		
45	44.13	41	67	299	177	391	318	147	325	264	167	369	300		
50	50.89	35	67	260	169	375	305	138	306	249	159	352	285		
56	55.17	33	67	239	183	405	329	167	369	300	177	392	318		
63	63.62	28	67	208	175	387	314	158	351	285	169	374	304		
71	69.13	26	67	191	166	368	299	151	334	271	162	358	290		
80	79.71	23	67	166	160	353	287	143	317	257	154	342	277		
90	90.56	20	67	146	157	347	282	140	310	251	152	336	273		
100	103.17	17	67	128	152	336	273	138	305	248	148	327	266		
112	110.33	16	67	122	120	-	216	112	-	202	116	-	208	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	127.22	14	67	106	116	-	208	107	-	193	111	-	200		
140	144.54	12	67	93	114	-	204	105	-	188	109	-	195		
160	160.52	11	67	84	110	-	197	101	-	182	106	-	190		
180	182.38	9.9	67	74	107	-	193	99	-	177	103	-	186		
200	199.27	9.0	67	67	102	-	183	94	-	170	99	-	178		
224	226.41	8.0	67	59	100	-	180	92	-	165	97	-	174		
250	253.77	7.1	67	53	97	-	174	94	-	168	95	-	172		
280	288.33	6.2	67	47	95	-	170	91	-	164	93	-	168		
315	315.04	5.7	67	43	90	-	162	87	-	156	89	-	160		
355	357.94	5.0	67	38	88	-	159	85	-	152	87	-	156		
400	407.78	4.4	67	33	84	-	151	80	-	144	83	-	148		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes

W11 P - 1800 rpm

W11 - n1 = 1800 rpm														80 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.22	290	68	2126 ¹⁾	*	657	*	*	*	*	*	*	*	*	
7.1	7.19	250	71	1919 ¹⁾	*	621	*	*	*	*	*	*	*	*	
8	7.76	232	73.4	1839 ¹⁾	*	664	492	*	*	*	*	545	*	*	
9	8.97	201	76.5	1657 ¹⁾	*	626	463	*	*	*	*	526	*	*	
10	9.86	183	79.4	1565	*	660	488	*	*	*	*	581	430	*	
11.2	11.41	158	80	1363	*	617	457	*	383	*	*	550	407	*	
12.5	12.55	143	80	1239	*	643	476	*	456	337	*	591	437	*	
14	14.52	124	80	1071	*	599	443	*	421	312	*	555	411	*	
16	15.36	117	80	1012	269	597	442	*	464	343	*	565	418	*	
18	17.77	101	80	875	253	560	414	*	431	319	240	532	394	*	
20	19.36	93	79	805	268	592	442	*	393	294	221	488	365	*	
22.4	22.39	80	80	704	254	562	420	*	365	272	207	459	343	*	
25	24.64	73	80	640	256	566	423	167	369	276	216	479	358	*	
28	28.50	63	80	553	243	539	402	154	340	254	204	451	337	*	
31.5	31.38	57	80	503	250	554	413	180	398	297	222	491	367	*	
35.5	36.29	50	80	435	238	527	394	167	369	276	210	464	346	*	
40	38.41	47	80	411	230	509	380	162	360	269	205	455	339	*	
45	44.42	41	80	355	220	487	364	151	334	249	195	431	322	*	
50	49.46	36	80	319	226	501	374	188	417	311	213	471	352	*	
56	57.21	31	80	276	216	479	358	178	393	294	203	450	336	*	
63	60.55	30	80	261	208	460	344	172	380	284	196	435	324	*	
71	70.03	26	80	225	200	443	331	162	358	267	188	416	311	*	
80	80.39	22	80	196	190	421	314	152	336	251	178	395	295	*	
90	92.39	19	80	171	188	416	311	156	346	259	179	396	296	*	
100	96.02	19	80	167	156	-	259	137	-	226	146	-	241	*	
112	111.06	16	80	144	151	-	249	129	-	214	139	-	230	*	
125	127.48	14	80	126	143	-	237	122	-	202	132	-	218	*	
140	139.07	13	80	115	141	-	233	121	-	200	132	-	217	*	
160	159.63	11.3	80	100	134	-	222	114	-	188	125	-	206	*	
180	175.08	10.3	80	92	128	-	212	109	-	181	120	-	199	*	
200	200.97	9.0	80	80	122	-	202	103	-	170	114	-	188	*	
224	219.24	8.2	80	73	125	-	207	116	-	191	121	-	201	*	
250	251.65	7.2	80	64	119	-	197	110	-	181	115	-	191	*	
280	276.02	6.5	80	58	114	-	188	105	-	173	111	-	183	*	
315	316.82	5.7	80	51	109	-	180	99	-	164	105	-	174	*	
355	364.11	4.9	80	44	104	-	173	95	-	156	101	-	167	*	

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes W12 P - 1800 rpm

W12 - n1 = 1800 rpm														92 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5			Mounting position - P4					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.00	257	76.6	2125 ¹⁾	*	661	*	*	*	*	*	*	*	*	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.08	223	79.7	1918 ¹⁾	*	630	*	*	*	*	*	*	*	*		
9	8.74	206	82.7	1838 ¹⁾	*	676	495	*	*	*	*	547	*			
10	10.08	179	86	1658 ¹⁾	*	639	468	*	*	*	*	531	*			
11.2	11.11	162	89	1556	*	676	495	*	422	*	*	590	432			
12.5	12.81	140	92	1395	*	634	465	*	395	*	*	562	411			
14	14.14	127	92	1264	*	661	484	*	470	344	*	606	443			
16	16.31	110	92	1096	*	618	452	*	435	318	*	570	418			
18	17.31	104	92	1033	278	616	451	*	478	350	*	581	425			
20	19.96	90	92	896	261	577	423	*	444	325	*	547	400			
22.4	21.81	83	90	814	273	605	449	*	394	292	222	493	366	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153	
25	25.15	72	92	721	258	570	424	*	372	277	211	467	347			
28	27.76	65	92	653	259	574	426	170	377	280	220	487	362			
31.5	32.01	56	92	567	247	546	406	157	348	258	207	459	341			
35.5	35.35	51	92	513	254	562	417	183	406	301	226	499	371			
40	40.77	44	92	445	242	535	397	170	377	280	211	468	348			
45	43.27	42	92	419	233	517	383	166	367	273	209	462	343			
50	49.90	36	92	363	223	494	367	154	341	253	198	438	325			
56	55.73	32	92	325	229	508	377	192	425	316	217	479	356			
63	64.27	28	92	282	219	486	361	181	401	297	206	456	339			
71	68.22	26	92	266	211	467	347	174	386	287	200	442	328			
80	78.67	23	92	231	203	448	333	164	364	270	191	422	313			
90	90.30	20	92	201	193	427	317	154	342	254	181	401	298			
100	103.78	17	92	175	191	422	313	159	352	261	181	401	298			
112	108.19	17	92	171	159	-	261	139	-	228	148	-	243	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155	
125	124.75	14	92	148	153	-	251	132	-	217	141	-	232			
140	143.20	13	92	129	145	-	239	124	-	204	134	-	220			
160	156.21	12	92	118	143	-	236	123	-	202	134	-	220			
180	179.31	10.0	92	103	136	-	224	116	-	191	127	-	208			
200	196.67	9.2	92	94	130	-	214	111	-	183	122	-	201			
224	225.75	8.0	92	82	124	-	204	105	-	172	116	-	190			
250	246.26	7.3	92	75	127	-	209	118	-	194	123	-	203			
280	282.68	6.4	92	65	121	-	199	112	-	183	117	-	193			
315	310.04	5.8	92	59	116	-	190	107	-	175	112	-	185			
355	355.89	5.1	92	52	110	-	181	101	-	166	107	-	175			
400	409.00	4.4	92	45	106	-	174	96	-	158	103	-	169			

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 1) Forced lubrication.

Selection Tables

Parallel Gearboxes W13 P - 1800 rpm

W13 - n1 = 1800 rpm														115 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.29	286	103	3184 ¹⁾	*	*	*	*	*	*	*	*	*	*	
7.1	7.27	248	107	2859 ¹⁾	*	*	*	*	*	*	*	*	*	*	
8	7.75	232	110	2759 ¹⁾	*	792	*	*	*	*	*	*	*	*	
9	8.96	201	115	2493 ¹⁾	*	744	*	*	*	*	*	*	*	*	
10	9.86	183	115	2266 ¹⁾	*	789	600	*	*	*	*	672	*	*	
11.2	11.41	158	115	1959 ¹⁾	*	733	557	*	*	*	*	634	*	*	
12.5	12.43	145	115	1798	*	781	594	*	492	*	*	700	532	*	
14	14.37	125	115	1555	*	726	552	*	449	*	*	657	500	*	
16	15.56	116	115	1436	*	766	583	*	540	411	*	713	542	*	
18	18.00	100	115	1242	323	715	544	*	497	378	*	666	507	*	
20	19.36	93	96	978	349	773	588	*	401	305	*	559	425	*	
22.4	22.39	80	110	969	329	727	554	*	388	296	*	537	409	*	
25	24.39	74	115	930	333	737	561	*	403	307	259	573	437	*	
28	28.21	64	115	804	316	699	532	*	367	280	242	536	408	*	
31.5	31.31	57	115	724	328	725	552	205	453	345	274	606	461	*	
35.5	36.22	50	115	626	311	689	525	188	416	317	257	568	432	*	
40	39.21	46	115	578	311	689	525	187	413	315	262	579	441	*	
45	45.35	40	115	500	297	657	500	171	378	288	245	543	413	*	
50	48.92	37	115	463	298	660	503	226	500	381	272	601	458	*	
56	56.59	32	115	401	285	632	481	211	467	355	258	571	435	*	
63	61.26	29	115	370	284	629	479	208	461	351	258	572	436	*	
71	70.86	25	115	320	272	601	458	194	429	327	245	542	413	*	
80	79.84	23	115	284	260	575	438	182	403	307	233	517	394	*	
90	90.72	20	115	250	257	569	433	193	428	326	236	523	398	*	
100	98.87	18	115	233	209	-	353	168	-	283	186	-	314	*	
112	114.36	16	115	202	200	-	337	157	-	265	176	-	297	*	
125	128.86	14	115	179	191	-	322	148	-	249	167	-	282	*	
140	142.63	13	115	162	187	-	316	146	-	246	167	-	281	*	
160	160.71	11.2	115	143	179	-	302	137	-	231	158	-	266	*	
180	178.69	10.1	115	129	170	-	287	131	-	220	152	-	257	*	
200	201.35	8.9	115	115	163	-	274	123	-	207	145	-	244	*	
224	223.41	8.1	115	103	167	-	281	147	-	248	158	-	266	*	
250	251.73	7.2	115	92	159	-	268	139	-	234	150	-	254	*	
280	279.90	6.4	115	82	151	-	255	132	-	223	144	-	242	*	
315	315.38	5.7	115	73	144	-	243	125	-	211	137	-	231	*	
355	358.33	5.0	115	64	139	-	234	119	-	201	132	-	222	*	

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes W14 P - 1800 rpm

W14 - n1 = 1800 rpm														132 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5			Mounting position - P4					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.08	254	116	3182 ¹⁾	*	762	*	*	*	*	*	*	*	*	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.17	220	121	2879 ¹⁾	*	732	*	*	*	*	*	*	*	*		
9	8.73	206	125	2782 ¹⁾	*	797	*	*	*	*	*	*	*	*		
10	10.07	179	130	2509 ¹⁾	*	755	*	*	*	*	*	*	*	*		
11.2	11.11	162	132	2308 ¹⁾	*	800	603	*	*	*	*	676	*			
12.5	12.81	140	132	2002 ¹⁾	*	748	564	*	*	*	*	644	*			
14	14.00	129	132	1832	*	794	599	*	501	*	*	708	534			
16	16.14	111	132	1589	*	743	561	*	462	*	*	670	506			
18	17.53	103	132	1463	*	782	590	*	552	417	*	723	545			
20	20.22	89	132	1269	330	732	552	*	510	385	*	682	514			
22.4	21.81	83	108	976	329	729	565	*	415	322	*	555	430	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153	
25	25.15	72	125	980	315	697	541	*	382	297	*	520	403			
28	27.48	65	132	947	318	704	546	*	388	301	248	549	426			
31.5	31.69	57	132	821	303	670	520	*	355	275	233	515	400			
35.5	35.28	51	132	738	313	693	538	197	436	338	261	579	449			
40	40.68	44	132	640	299	662	514	182	402	312	247	547	424			
45	44.18	41	132	589	297	658	511	179	397	308	250	555	430			
50	50.94	35	132	511	284	629	488	165	366	284	236	522	405			
56	55.13	33	132	472	285	631	489	217	480	373	259	574	446			
63	63.57	28	132	409	273	605	470	203	449	349	247	548	425			
71	69.03	26	132	377	271	600	466	200	442	343	247	547	424			
80	79.60	23	132	327	261	577	448	187	413	321	235	521	404	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155	
90	89.69	20	132	290	249	551	427	175	388	301	224	496	385			
100	101.90	18	132	255	246	545	423	186	412	320	227	502	389			
112	111.40	16	132	238	200	-	343	161	-	276	178	-	306			
125	128.46	14	132	206	192	-	330	151	-	260	169	-	291			
140	144.75	12	132	183	183	-	315	142	-	245	161	-	276			
160	160.22	11	132	165	180	-	309	140	-	241	160	-	275			
180	180.52	10.0	132	147	172	-	295	132	-	227	152	-	261			
200	200.72	9.0	132	132	163	-	280	126	-	216	146	-	252			
224	226.17	8.0	132	117	156	-	268	119	-	204	139	-	239			
250	250.96	7.2	132	105	160	-	275	141	-	243	152	-	261			
280	282.77	6.4	132	94	153	-	262	134	-	230	145	-	248			
315	314.41	5.7	132	84	145	-	249	127	-	218	138	-	237			
355	354.27	5.1	132	75	139	-	238	120	-	207	131	-	226			
400	402.51	4.5	132	66	133	-	229	115	-	197	126	-	217			

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 1) Forced lubrication.

Selection Tables

Parallel Gearboxes

W15 P - 1800 rpm

W15 - n1 = 1800 rpm														158 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5			Mounting position - P4					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
6.3	6.21	290	118	3692 ¹⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.25	248	130	3485 ¹⁾	*	*	*	*	*	*	*	*	*			
8	8.03	224	130	3144 ¹⁾	*	*	*	*	*	*	*	*	*			
9	9.38	192	134	2777 ¹⁾	*	735	*	*	*	*	*	*	*			
10	9.85	183	134	2643 ¹⁾	*	815	*	*	*	*	*	*	*			
11.2	11.50	157	144	2433 ¹⁾	*	767	*	*	*	*	*	647	*			
12.5	12.41	145	144	2254	*	831	600	*	*	*	*	729	*			
14	14.49	124	154	2065	*	778	562	*	*	*	*	694	*			
16	15.53	116	154	1926	*	808	584	*	550	*	*	743	537			
18	18.13	99	158	1693	*	754	545	*	508	*	*	701	506			
20	19.34	93	128	1305	374	829	610	*	462	340	*	595	438	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153	
22.4	22.57	80	141	1231	352	779	573	*	439	323	*	565	416			
25	24.37	74	153	1238	358	793	584	*	472	348	*	622	458			
28	28.44	63	158	1095	337	747	550	*	436	320	*	582	428			
31.5	31.29	58	158	996	353	781	575	*	532	391	299	662	487			
35.5	36.51	49	158	853	335	741	545	221	490	360	280	619	456			
40	39.14	46	158	796	326	722	531	219	484	356	281	622	458			
45	45.69	39	158	682	310	687	506	201	445	327	264	585	431			
50	48.88	37	158	637	321	710	522	258	571	420	296	656	482			
56	57.05	32	158	546	306	678	499	241	534	393	280	621	457			
63	61.16	29	158	509	297	657	484	235	520	383	275	609	448			
71	71.38	25	158	436	284	628	462	219	486	357	261	578	425			
80	80.50	22	158	387	276	611	449	210	466	343	253	561	413			
90	91.46	20	158	341	273	605	445	220	487	358	256	566	416			
100	98.71	18	158	321	224	-	365	190	-	309	206	-	335	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155	
112	115.21	16	158	275	215	-	350	179	-	291	195	-	318			
125	129.92	14	158	244	208	-	339	171	-	279	188	-	306			
140	143.68	13	158	220	202	-	329	167	-	272	185	-	301			
160	162.03	11.1	158	196	196	-	319	160	-	260	178	-	290			
180	180.01	10.0	158	176	184	-	299	151	-	246	169	-	276			
200	203.00	8.9	158	156	178	-	290	144	-	235	163	-	266			
224	225.06	8.0	158	141	180	-	294	164	-	267	173	-	282			
250	253.80	7.1	158	125	175	-	285	158	-	257	168	-	273			
280	281.97	6.4	158	112	164	-	267	148	-	242	158	-	257			
315	317.98	5.7	158	100	159	-	259	143	-	233	153	-	249			
355	361.27	5.0	158	88	154	-	250	137	-	223	148	-	240			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes W16 P - 1800 rpm

W16 - n1 = 1800 rpm														178 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5			Mounting position - P4					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	6.95	259	132	3690 ¹⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.09	223	146	3507 ¹⁾	*	*	*	*	*	*	*	*	*	*		
9	8.99	200	146	3155 ¹⁾	*	*	*	*	*	*	*	*	*	*		
10	10.46	172	150	2785 ¹⁾	*	735	*	*	*	*	*	*	*	*		
11.2	11.03	163	150	2643 ¹⁾	*	818	*	*	*	*	*	*	*	*		
12.5	12.83	140	162	2453 ¹⁾	*	772	*	*	*	*	*	648	*	*		
14	13.90	130	162	2265	*	838	602	*	*	*	*	731	*	*		
16	16.17	111	172	2067	*	783	562	*	*	*	*	698	*	*		
18	17.39	104	172	1922	*	818	587	*	555	*	*	749	537	*		
20	20.23	89	178	1710	*	764	548	*	515	*	*	707	507	*		
22.4	21.65	83	140	1275	379	838	613	*	463	338	*	597	436	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153	
25	25.19	71	158	1237	356	788	576	*	444	324	*	571	417			
28	27.28	66	172	1243	362	802	586	*	479	350	*	629	459			
31.5	31.74	57	178	1106	341	756	552	*	442	323	*	588	429			
35.5	35.02	51	178	1002	357	790	577	*	540	395	303	670	490			
40	40.75	44	178	861	338	749	548	225	497	363	283	627	458			
45	43.82	41	178	801	330	730	534	222	492	359	285	630	460			
50	50.98	35	178	688	313	694	507	204	452	330	267	592	432			
56	54.72	33	178	641	325	720	526	262	580	424	300	664	485			
63	63.67	28	178	551	312	690	504	246	544	397	285	630	460			
71	68.46	26	178	513	301	665	486	239	528	386	279	617	451			
80	79.66	23	178	441	289	639	467	224	495	362	265	588	429			
90	89.83	20	178	391	281	621	454	214	475	347	258	571	417			
100	102.07	18	178	344	277	612	448	223	494	361	258	572	418			
112	110.49	16	178	323	227	-	368	193	-	312	209	-	338	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155	
125	128.57	14	178	278	217	-	352	181	-	294	198	-	320			
140	144.98	12	178	246	211	-	341	174	-	281	191	-	309			
160	160.34	11	178	223	204	-	331	170	-	275	187	-	303			
180	180.82	10.0	178	197	198	-	321	162	-	263	181	-	292			
200	200.88	9.0	178	178	186	-	301	153	-	248	172	-	278			
224	226.54	7.9	178	158	181	-	293	146	-	237	166	-	268			
250	251.16	7.2	178	142	183	-	295	167	-	270	176	-	284			
280	283.23	6.4	178	126	177	-	287	160	-	259	170	-	275			
315	314.66	5.7	178	113	166	-	269	151	-	244	160	-	259			
355	354.84	5.1	178	101	161	-	261	145	-	235	155	-	251			
400	403.16	4.5	178	89	156	-	252	139	-	225	150	-	242			

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 1) Forced lubrication.

Selection Tables

Parallel Gearboxes W05 P - 1500 rpm

W05 - n1 = 1500 rpm														22 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.23	241	19.3	501	143	277	304	*	220	244	140	271	301	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.21	208	20.5	460	134	259	285	*	208	231	134	259	287		
8	7.74	194	20.5	429	134	258	287	*	220	245	134	259	288		
9	8.96	167	22	398	126	244	270	108	209	232	128	247	274		
10	9.95	151	22	358	121	234	260	110	212	235	122	236	262		
11.2	11.51	130	22	310	114	221	245	103	200	221	116	224	248		
12.5	12.55	120	22	284	115	222	246	107	207	230	116	224	248		
14	14.52	103	22	245	108	209	232	101	195	216	110	212	235		
16	15.58	96	22	229	105	204	226	101	195	216	106	205	228		
18	18.02	83	22	198	100	193	214	95	184	204	101	195	216		
20	19.51	77	19	160	107	207	229	99	191	212	103	199	221	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.57	66	22	160	100	192	213	93	181	200	97	188	208		
25	24.62	61	22	147	101	195	216	94	182	202	98	190	211		
28	28.48	53	22	127	96	186	207	90	173	192	94	181	201		
31.5	31.38	48	22	115	97	188	208	93	179	199	96	185	205		
35.5	36.29	41	22	100	93	180	199	88	170	189	91	176	195		
40	38.95	39	22	93	91	176	195	86	167	185	89	173	192		
45	45.05	33	22	80	87	168	186	82	159	176	85	165	183		
50	49.60	30	22	73	88	170	189	86	166	185	87	169	187		
56	57.38	26	22	63	84	163	181	82	159	176	84	162	179		
63	61.58	24	22	59	83	160	177	81	156	173	82	158	176		
71	71.23	21	22	51	79	153	170	77	149	165	79	152	168		
80	81.15	18	22	45	75	145	161	73	141	156	74	144	159		
90	91.85	16	22	39	73	140	155	71	137	152	72	139	155		
100	100.89	15	22	36	63	-	135	62	-	132	62	-	133	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.74	13	22	33	60	-	129	59	-	126	60	-	128		
125	127.29	12	22	29	57	-	123	56	-	120	57	-	121		
140	142.21	11	22	26	56	-	121	55	-	118	56	-	120		
160	162.01	9.3	22	23	54	-	115	52	-	112	53	-	114		
180	176.65	8.5	22	21	52	-	112	51	-	109	52	-	111		
200	201.25	7.5	22	18	50	-	106	48	-	104	49	-	105		
224	226.50	6.6	22	16	50	-	107	50	-	106	50	-	107		
250	258.04	5.8	22	14	48	-	102	47	-	101	47	-	102		
280	281.36	5.3	22	13	46	-	99	46	-	98	46	-	99		
315	320.53	4.7	22	11	44	-	94	43	-	93	44	-	94		
355	362.81	4.1	22	10	42	-	90	41	-	89	42	-	89		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W06 P - 1500 rpm

W06 - n1 = 1500 rpm														28 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.82	192	25	518	160	309	320	*	246	257	155	299	313	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
9	8.99	167	27	486	152	294	300	*	235	246	148	286	299		
10	9.71	155	28	467	518	291	305	130	250	262	150	290	303		
11.2	11.16	134	28	406	142	274	286	122	235	246	142	275	287		
12.5	12.47	120	28	364	136	263	275	123	238	249	137	264	276		
14	14.34	105	28	316	128	248	260	116	224	234	130	251	262		
16	15.73	95	28	288	129	250	261	121	233	244	130	251	263		
18	18.10	83	28	251	122	235	246	113	219	229	123	238	249		
20	19.53	77	28	232	119	230	241	114	220	230	120	231	242		
22.4	22.47	67	28	202	112	217	227	107	207	216	113	219	229		
25	24.46	61	24	161	115	223	239	107	206	221	111	214	230	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
28	28.13	53	28	164	107	208	223	100	194	208	104	201	215		
31.5	30.86	49	28	149	108	209	224	101	196	210	106	204	219		
35.5	35.50	42	28	130	103	199	214	96	186	199	100	194	208		
40	39.33	38	28	117	104	202	216	99	192	206	103	198	213		
45	45.24	33	28	102	99	192	206	94	182	195	98	189	202		
50	48.83	31	28	94	97	188	202	93	179	192	96	186	199		
56	56.16	27	28	82	93	180	193	88	170	182	91	177	189		
63	62.18	24	28	74	95	183	196	92	178	191	94	181	194		
71	71.52	21	28	64	90	175	187	88	170	183	90	173	185		
80	77.19	19	28	60	89	171	183	87	167	179	88	170	182		
90	88.79	17	28	52	85	164	175	83	159	171	84	163	174		
100	101.16	15	28	45	80	155	166	78	151	162	80	154	165		
112	114.50	13	28	40	78	150	161	76	147	157	77	149	160		
125	125.76	12	28	37	67	-	140	66	-	137	67	-	138	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
140	139.29	11	28	34	64	-	134	63	-	131	64	-	132		
160	158.68	9	28	29	61	-	127	60	-	124	61	-	126		
180	177.27	8	28	26	60	-	125	59	-	122	60	-	124		
200	201.96	7.4	28	23	57	-	119	56	-	116	57	-	118		
224	220.21	6.8	28	21	56	-	116	55	-	113	55	-	115		
250	250.87	6.0	28	19	53	-	110	52	-	107	53	-	109		
280	282.35	5.3	28	17	54	-	111	53	-	110	53	-	111		
315	321.67	4.7	28	15	51	-	106	50	-	104	51	-	105		
355	350.73	4.3	28	13	50	-	103	49	-	101	49	-	102		
400	399.57	3.8	28	12	47	-	98	47	-	96	47	-	97		
450	452.27	3.3	28	10	45	-	93	44	-	92	45	-	93		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W07 P - 1500 rpm

W07 - n1 = 1500 rpm														36 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.26	240	31	802	*	425	385	*	302	274	*	415	376	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.24	207	35	783	*	400	357	*	290	263	*	400	363		
8	7.74	194	36	753	208	403	363	*	320	289	209	404	366		
9	8.96	167	36	651	196	379	342	*	300	272	199	385	349		
10	9.86	152	36	591	197	380	344	167	323	293	200	386	349		
11.2	11.41	132	36	511	185	358	324	156	302	274	190	366	332		
12.5	12.35	121	36	472	184	355	321	164	318	288	187	361	327		
14	14.28	105	36	408	173	335	303	154	298	270	177	342	310		
16	15.55	96	36	375	162	314	284	151	291	263	165	318	288		
18	17.98	83	36	324	154	297	269	142	274	249	157	303	275		
20	19.34	78	33.5	285	171	330	303	150	291	267	161	310	285	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.37	67	36	264	161	311	286	142	274	252	152	293	270		
25	24.22	62	36	244	159	308	283	142	274	252	152	294	270		
28	28.02	54	36	211	152	294	270	133	258	237	145	279	257		
31.5	30.87	49	36	192	152	295	271	140	271	249	148	286	263		
35.5	35.71	42	36	166	145	281	258	133	257	236	141	272	250		
40	38.86	39	36	152	136	263	242	125	241	222	133	256	236		
45	44.95	33	36	132	130	252	232	119	229	211	127	245	225		
50	48.66	31	36	122	135	262	241	130	251	231	134	258	237		
56	56.29	27	36	105	130	251	231	124	239	220	128	247	227		
63	61.27	24	36	97	122	236	217	117	225	207	120	233	214		
71	70.87	21	36	83	117	227	208	112	216	198	116	224	206		
80	81.45	18	36	73	115	221	203	108	209	192	113	218	200		
90	92.99	16	36	64	114	219	202	109	210	194	112	217	199		
100	96.32	16	36	62	94	-	168	91	-	162	93	-	165	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.41	13	36	54	91	-	161	87	-	155	89	-	158		
125	128.04	12	36	47	88	-	157	85	-	151	86	-	154		
140	141.79	11	36	42	84	-	149	81	-	144	83	-	147		
160	162.95	9.2	36	37	82	-	145	78	-	139	80	-	143		
180	175.63	8.5	36	34	78	-	138	75	-	133	76	-	136		
200	201.84	7.4	36	30	76	-	134	72	-	128	74	-	132		
224	225.68	6.6	36	27	75	-	133	74	-	131	74	-	132		
250	259.36	5.8	36	23	73	-	130	71	-	127	72	-	128		
280	279.54	5.4	36	22	69	-	123	68	-	121	69	-	122		
315	321.26	4.7	36	19	67	-	120	66	-	117	67	-	119		
355	366.81	4.1	36	16	65	-	116	64	-	113	65	-	115		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W08 P - 1500 rpm

W08 - n1 = 1500 rpm														46 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.84	191	39	805	228	441	385	*	309	274	*	385	341	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
9	9.02	166	44	790	216	416	363	*	299	265	*	396	351		
10	9.71	155	46	767	218	421	371	*	330	293	*	382	339		
11.2	11.16	134	46	667	205	396	349	*	312	277	200	386	343		
12.5	12.36	121	46	603	206	399	354	175	337	299	191	369	327		
14	14.22	105	46	524	194	375	333	164	316	281	189	365	324		
16	15.48	97	46	481	193	373	331	172	332	295	180	347	308		
18	17.80	84	46	418	182	351	312	161	312	277	168	324	288		
20	19.49	77	46	382	171	330	292	158	305	271	160	309	274		
22.4	22.42	67	46	332	161	312	277	149	288	256	141	272	241		
25	24.25	62	42	285	178	345	311	157	303	274	168	324	293	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
28	27.89	54	46	271	168	324	293	148	286	258	158	305	276		
31.5	30.36	49	46	249	166	321	290	148	286	258	159	307	277		
35.5	34.92	43	46	216	158	306	276	140	270	243	151	291	263		
40	38.70	39	46	195	159	307	277	146	283	256	154	298	269		
45	44.51	34	46	170	152	293	265	138	268	242	147	283	256		
50	48.72	31	46	155	142	275	248	130	252	227	138	268	241		
56	56.04	27	46	135	136	263	237	124	239	216	132	255	230		
63	61.00	25	46	124	141	273	246	135	262	236	139	269	243		
71	70.17	21	46	108	135	261	236	129	250	225	133	257	232		
80	76.80	20	46	98	127	246	222	122	235	213	126	243	219		
90	88.34	17	46	86	122	236	213	116	225	203	120	233	210		
100	101.53	15	46	74	119	230	208	113	218	197	117	227	205		
112	115.92	13	46	65	118	229	207	113	219	198	117	226	204		
125	120.73	12	46	64	99	-	172	95	-	166	97	-	169		
140	138.88	11	46	55	95	-	165	91	-	159	93	-	162		
160	159.61	9	46	48	92	-	161	89	-	154	90	-	157		
180	176.75	8	46	43	88	-	153	84	-	147	86	-	150		
200	203.14	7.4	46	38	85	-	149	82	-	143	84	-	146		
224	218.94	6.9	46	35	81	-	141	78	-	136	80	-	139		
250	251.61	6.0	46	31	79	-	138	76	-	132	78	-	135		
280	281.33	5.3	46	27	78	-	136	77	-	134	78	-	135		
315	323.31	4.6	46	24	76	-	133	75	-	130	75	-	132		
355	348.46	4.3	46	22	72	-	126	71	-	124	72	-	125		
400	400.47	3.7	46	19	70	-	123	69	-	120	70	-	122		
450	457.26	3.3	46	17	68	-	119	67	-	116	68	-	118		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W09 P - 1500 rpm

W09 - n1 = 1500 rpm														58.5 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.23	241	48	1247	*	473	440	*	*	*	*	450	419	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.21	208	52	1168	*	448	417	*	*	*	*	442	411		
8	7.74	194	55	1150	*	456	424	*	332	309	*	453	422		
9	8.96	167	58.5	1058	*	430	400	*	315	294	*	436	406		
10	9.94	151	58.5	953	*	433	403	*	349	325	*	439	408		
11.2	11.50	130	58.5	824	*	408	379	*	327	304	216	418	389		
12.5	12.40	121	58.5	764	210	405	377	*	347	323	214	414	385		
14	14.34	105	58.5	661	198	382	355	*	325	303	204	393	366		
16	15.53	97	58.5	610	186	360	335	167	323	301	190	367	341		
18	17.96	83	58.5	527	176	341	317	158	305	284	181	350	326		
20	19.51	77	56.5	476	209	404	380	174	336	316	191	370	348	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.57	66	58.5	426	197	380	358	164	317	298	181	349	329		
25	24.33	62	58.5	395	198	383	360	166	321	302	185	357	336		
28	28.15	53	58.5	341	189	365	343	156	302	284	175	339	319		
31.5	31.26	48	58.5	307	185	358	337	164	316	297	177	343	322		
35.5	36.16	41	58.5	266	177	343	322	155	299	282	169	327	307		
40	39.17	38	58.5	245	169	326	307	148	286	269	162	313	294		
45	45.30	33	58.5	212	162	313	294	140	271	255	155	299	282		
50	48.97	31	58.5	196	174	336	316	163	315	297	170	329	309		
56	56.64	26	58.5	170	167	322	303	155	300	282	163	314	296		
63	61.35	24	58.5	157	158	305	287	147	285	268	155	299	281		
71	70.96	21	58.5	135	152	294	276	141	272	256	149	287	270		
80	80.62	19	58.5	119	150	289	272	138	267	251	146	283	266		
90	91.85	16	58.5	105	144	279	263	135	261	245	142	274	258		
100	97.91	15	58.5	100	115	-	209	110	-	200	112	-	204	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	113.26	13	58.5	86	111	-	202	105	-	191	108	-	196		
125	128.68	12	58.5	76	109	-	198	103	-	187	106	-	192		
140	142.90	10	58.5	68	105	-	191	100	-	181	103	-	187		
160	162.36	9.2	58.5	60	103	-	188	97	-	177	101	-	183		
180	177.40	8.5	58.5	55	98	-	179	93	-	169	96	-	175		
200	201.56	7.4	58.5	48	96	-	175	91	-	165	94	-	171		
224	225.92	6.6	58.5	43	93	-	169	91	-	165	92	-	168		
250	256.69	5.8	58.5	38	92	-	166	89	-	162	90	-	164		
280	280.47	5.3	58.5	35	87	-	158	85	-	154	86	-	157		
315	318.66	4.7	58.5	31	85	-	155	83	-	151	84	-	153		
355	363.03	4.1	58.5	27	81	-	147	79	-	143	80	-	146		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W10 P - 1500 rpm

W10 - n1 = 1500 rpm														67 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.03	214	55	1268	*	486	446	*	*	*	*	454	417	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.10	185	60	1199	*	460	423	*	*	*	*	449	412		
9	8.72	172	64	1188	*	470	432	*	339	312	*	462	424		
10	10.06	149	67	1078	*	443	407	*	325	299	*	446	410		
11.2	11.20	134	67	969	*	447	411	*	360	331	*	450	414		
12.5	12.92	116	67	840	217	420	386	*	337	309	222	430	395		
14	13.97	107	67	777	217	419	385	*	359	330	220	426	391		
16	16.11	93	67	674	204	395	363	174	336	309	210	405	372		
18	17.50	86	67	620	193	372	342	173	334	307	196	378	348		
20	20.18	74	67	538	182	352	324	163	316	290	187	361	331		
22.4	21.99	68	63.5	475	215	415	386	179	345	321	197	380	354	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.35	59	67	434	202	390	362	169	326	303	186	359	334		
28	27.42	55	67	401	203	392	365	171	330	307	190	367	341		
31.5	31.62	47	67	348	193	374	348	160	310	288	180	348	324		
35.5	35.22	43	67	313	191	368	342	168	325	302	182	352	327		
40	40.62	37	67	271	182	352	327	159	308	286	173	335	312		
45	44.13	34	67	249	173	335	312	152	294	273	166	322	299		
50	50.89	29	67	216	166	321	298	144	279	259	159	307	286		
56	55.17	27	67	200	179	345	321	168	324	301	175	338	314		
63	63.62	24	67	173	171	330	307	160	308	287	167	322	300		
71	69.13	22	67	159	162	314	292	152	293	273	159	307	286		
80	79.71	19	67	138	156	301	280	144	279	260	152	294	274		
90	90.56	17	67	122	153	296	275	141	273	254	150	290	270		
100	103.17	15	67	107	148	286	266	139	268	249	145	281	261		
112	110.33	14	67	101	118	-	213	113	-	203	115	-	207	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	127.22	12	67	88	114	-	205	108	-	195	111	-	199		
140	144.54	10	67	77	112	-	201	106	-	190	109	-	195		
160	160.52	9	67	70	108	-	194	102	-	183	105	-	190		
180	182.38	8.2	67	61	106	-	191	100	-	180	103	-	186		
200	199.27	7.5	67	56	101	-	181	95	-	171	99	-	177		
224	226.41	6.6	67	49	99	-	178	93	-	167	97	-	174		
250	253.77	5.9	67	44	96	-	172	93	-	168	95	-	170		
280	288.33	5.2	67	39	94	-	169	91	-	164	93	-	167		
315	315.04	4.8	67	36	89	-	161	87	-	156	89	-	159		
355	357.94	4.2	67	31	88	-	157	85	-	153	87	-	156		
400	407.78	3.7	67	27	83	-	150	81	-	145	82	-	148		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W11 P - 1500 rpm

W11 - n1 = 1500 rpm														80 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.22	241	71.5	1863 ¹⁾	*	623	529	*	*	*	*	604	513	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.19	209	74.5	1678 ¹⁾	*	586	497	*	*	*	*	600	509		
8	7.76	193	77.5	1618	*	618	524	*	*	*	*	633	537		
9	8.97	167	80	1444	*	579	492	*	*	*	*	614	521		
10	9.86	152	80	1314	*	604	512	*	422	358	*	634	538		
11.2	11.41	132	80	1136	291	563	478	*	390	331	314	606	515		
12.5	12.55	120	80	1032	299	577	490	*	447	379	315	609	517		
14	14.52	103	80	892	279	540	458	*	414	351	300	579	491		
16	15.36	98	80	843	275	531	451	229	442	375	287	556	472		
18	17.77	84	80	729	258	499	424	213	412	350	273	529	449		
20	19.36	77	79	671	266	514	439	197	381	326	232	448	383	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.39	67	80	587	253	489	419	184	356	304	219	423	362		
25	24.64	61	80	534	253	489	419	185	358	306	225	435	372		
28	28.50	53	80	461	242	467	400	172	333	285	213	411	352		
31.5	31.38	48	80	419	246	476	407	194	376	321	227	438	375		
35.5	36.29	41	80	362	235	455	389	182	352	301	215	415	355		
40	38.41	39	80	342	226	437	374	176	341	292	209	404	346		
45	44.42	34	80	296	216	418	358	165	319	273	199	385	329		
50	49.46	30	80	266	221	427	366	195	377	322	212	410	351		
56	57.21	26	80	230	212	409	350	185	357	305	203	392	335		
63	60.55	25	80	217	204	394	337	178	343	294	196	378	324		
71	70.03	21	80	188	196	378	324	169	326	279	188	362	310		
80	80.39	19	80	164	186	360	308	159	307	263	178	345	295		
90	92.39	16	80	142	184	356	304	162	313	267	178	343	294		
100	96.02	16	80	139	154	-	255	140	-	232	147	-	243	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.06	14	80	120	149	-	246	134	-	221	141	-	232		
125	127.48	12	80	105	142	-	234	126	-	209	133	-	221		
140	139.07	11	80	96	140	-	231	125	-	207	133	-	220		
160	159.63	9.4	80	84	133	-	220	118	-	195	126	-	208		
180	175.08	8.6	80	76	127	-	210	113	-	187	121	-	200		
200	200.97	7.5	80	67	121	-	200	107	-	177	115	-	191		
224	219.24	6.8	80	61	124	-	205	118	-	194	121	-	201		
250	251.65	6.0	80	53	118	-	195	111	-	184	115	-	191		
280	276.02	5.4	80	48	113	-	187	106	-	176	111	-	183		
315	316.82	4.7	80	42	108	-	178	101	-	167	105	-	174		
355	364.11	4.1	80	37	104	-	171	97	-	160	101	-	167		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes W12 P - 1500 rpm

W12 - n1 = 1500 rpm														92 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.00	214	80.5	1861 ¹⁾	*	630	529	*	*	*	*	600	504	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.08	186	84	1684 ¹⁾	*	598	502	*	*	*	*	600	504		
9	8.74	172	87	1612	*	630	529	*	*	*	*	638	536		
10	10.08	149	90	1446	*	594	498	*	*	*	*	622	522		
11.2	11.11	135	92	1341	*	618	519	*	430	361	*	646	543		
12.5	12.81	117	92	1163	299	579	486	*	403	338	320	619	520		
14	14.14	106	92	1053	308	596	500	*	461	387	323	624	524		
16	16.31	92	92	914	288	557	468	*	427	358	307	593	498		
18	17.31	87	92	861	283	548	460	236	456	383	295	570	479		
20	19.96	75	92	746	266	515	432	220	425	357	281	542	455		
22.4	21.81	69	90	678	271	525	446	199	384	326	235	454	386	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.15	60	92	601	256	495	421	188	363	308	222	430	365		
28	27.76	54	92	545	257	496	422	189	365	311	229	442	376		
31.5	32.01	47	92	472	245	473	402	176	340	289	216	418	355		
35.5	35.35	42	92	428	250	483	411	198	383	326	230	445	379		
40	40.77	37	92	371	239	461	392	185	358	305	218	422	359		
45	43.27	35	92	349	229	443	377	180	347	295	213	411	349		
50	49.90	30	92	303	219	424	361	168	325	277	202	391	332		
56	55.73	27	92	271	224	433	369	198	383	326	216	416	354		
63	64.27	23	92	235	215	415	353	188	363	308	206	398	338		
71	68.22	22	92	222	207	399	340	181	349	297	199	384	327		
80	78.67	19	92	192	199	384	326	171	331	282	190	368	313		
90	90.30	17	92	167	189	365	311	162	312	266	181	350	297		
100	103.78	14	92	146	186	360	306	164	318	270	180	348	296		
112	108.19	14	92	142	157	-	258	143	-	235	149	-	245	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	124.75	12	92	123	151	-	248	136	-	223	143	-	235		
140	143.20	10	92	107	144	-	236	129	-	211	136	-	223		
160	156.21	10	92	98	142	-	233	127	-	209	135	-	222		
180	179.31	8.4	92	86	135	-	222	120	-	198	128	-	211		
200	196.67	7.6	92	78	129	-	212	115	-	190	123	-	202		
224	225.75	6.6	92	68	123	-	202	109	-	179	117	-	192		
250	246.26	6.1	92	62	126	-	207	119	-	196	123	-	202		
280	282.68	5.3	92	54	120	-	197	113	-	186	117	-	193		
315	310.04	4.8	92	50	115	-	188	108	-	178	112	-	184		
355	355.89	4.2	92	43	109	-	180	103	-	169	107	-	176		
400	409.00	3.7	92	38	105	-	173	98	-	162	103	-	169		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes

W13 P - 1500 rpm

W13 - n1 = 1500 rpm														115 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.29	239	103	2653 ¹⁾	*	754	*	*	*	*	*	746	*	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.27	206	112	2494 ¹⁾	*	709	*	*	*	*	*	751	655		
8	7.75	194	115	2403 ¹⁾	*	759	662	*	*	*	*	804	701		
9	8.96	167	115	2078 ¹⁾	*	712	621	*	*	*	*	787	687		
10	9.86	152	115	1888	*	737	643	*	*	*	*	801	699		
11.2	11.41	132	115	1633	*	686	598	*	424	*	*	771	672		
12.5	12.43	121	115	1499	*	719	627	*	502	438	407	786	685		
14	14.37	104	115	1296	347	670	585	*	461	402	388	749	654		
16	15.56	96	115	1197	360	695	606	*	533	465	388	751	655		
18	18.00	83	115	1035	336	649	566	*	492	429	369	713	622		
20	19.36	77	101	857	351	679	592	*	412	360	277	535	467	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.39	67	115	844	330	637	556	*	396	346	264	511	445		
25	24.39	62	115	775	332	641	559	211	407	355	277	536	467		
28	28.21	53	115	670	316	610	532	194	375	327	260	503	439		
31.5	31.31	48	115	603	325	627	547	230	444	388	286	552	481		
35.5	36.22	41	115	522	309	596	520	213	411	359	269	520	454		
40	39.21	38	115	482	309	596	520	211	408	356	272	526	459		
45	45.35	33	115	417	293	567	494	195	377	329	257	496	433		
50	48.92	31	115	386	292	565	493	240	464	405	274	530	462		
56	56.59	27	115	334	280	541	472	226	437	381	261	504	440		
63	61.26	24	115	308	279	539	470	223	431	376	261	504	440		
71	70.86	21	115	267	267	516	450	210	405	353	248	480	419		
80	79.84	19	115	237	255	492	429	197	382	333	237	458	399		
90	90.72	17	115	208	252	487	425	206	398	347	238	459	401		
100	98.87	15	115	194	207	-	348	177	-	298	191	-	322	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	114.36	13	115	168	198	-	334	167	-	281	181	-	306		
125	128.86	12	115	149	189	-	319	158	-	266	172	-	290		
140	142.63	11	115	135	186	-	313	155	-	262	171	-	289		
160	160.71	9.3	115	120	177	-	299	147	-	247	163	-	274		
180	178.69	8.4	115	108	169	-	284	140	-	236	156	-	263		
200	201.35	7.4	115	95	162	-	272	132	-	223	149	-	251		
224	223.41	6.7	115	86	165	-	279	151	-	255	159	-	269		
250	251.73	6.0	115	76	158	-	266	144	-	242	152	-	256		
280	279.90	5.4	115	69	150	-	253	137	-	230	145	-	244		
315	315.38	4.8	115	61	144	-	242	130	-	219	138	-	233		
355	358.33	4.2	115	54	138	-	233	124	-	210	133	-	225		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes W14 P - 1500 rpm

W14 - n1 = 1500 rpm														132 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.08	212	116	2652 ¹⁾	*	752	*	*	*	*	*	725	*	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.17	184	127	2518 ¹⁾	*	716	*	*	*	*	*	741	641		
9	8.73	172	132	2448 ¹⁾	*	766	663	*	*	*	*	795	688		
10	10.07	149	132	2123 ¹⁾	*	724	626	*	*	*	*	788	682		
11.2	11.11	135	132	1924	*	750	649	*	*	*	*	803	695		
12.5	12.81	117	132	1668	*	702	607	*	435	*	*	780	675		
14	14.00	107	132	1527	378	731	633	*	512	443	410	793	686		
16	16.14	93	132	1324	355	686	593	*	474	410	395	762	660		
18	17.53	86	132	1219	367	709	614	*	545	472	394	761	658		
20	20.22	74	132	1057	345	666	577	*	506	438	376	728	629		
22.4	21.81	69	115	866	329	636	565	*	417	371	270	522	464	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.15	60	132	862	315	609	541	*	387	344	255	493	438		
28	27.48	55	132	789	317	612	544	202	391	347	265	512	455		
31.5	31.69	47	132	684	303	585	520	187	361	321	250	483	430		
35.5	35.28	43	132	615	309	597	531	220	425	378	273	527	469		
40	40.68	37	132	533	297	573	509	205	396	352	259	500	444		
45	44.18	34	132	491	294	568	505	203	392	348	260	503	447		
50	50.94	29	132	426	282	544	484	188	364	324	247	477	424		
56	55.13	27	132	393	279	540	480	230	445	395	262	506	450		
63	63.57	24	132	341	268	519	461	217	420	373	251	484	430		
71	69.03	22	132	314	266	515	457	214	414	368	249	482	428		
80	79.60	19	132	272	256	495	440	202	390	347	238	461	410		
90	89.69	17	132	242	244	472	420	190	367	327	227	439	391		
100	101.90	15	132	213	242	467	415	198	382	340	228	441	392		
112	111.40	13	132	198	197	-	339	170	-	291	183	-	314	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	128.46	12	132	172	190	-	327	160	-	276	174	-	299		
140	144.75	10	132	152	182	-	312	152	-	261	166	-	284		
160	160.22	9	132	138	178	-	306	149	-	257	164	-	283		
180	180.52	8.3	132	122	170	-	293	141	-	242	156	-	269		
200	200.72	7.5	132	110	162	-	278	135	-	231	150	-	258		
224	226.17	6.6	132	98	155	-	266	127	-	218	143	-	245		
250	250.96	6.0	132	88	159	-	273	145	-	250	153	-	263		
280	282.77	5.3	132	78	152	-	260	138	-	237	146	-	251		
315	314.41	4.8	132	70	144	-	248	131	-	226	139	-	239		
355	354.27	4.2	132	62	138	-	237	125	-	214	133	-	228		
400	402.51	3.7	132	55	133	-	228	120	-	205	128	-	220		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes

W15 P - 1500 rpm

W15 - n1 = 1500 rpm														158 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.21	242	124	3233 ¹⁾	*	*	*	*	*	*	*	*	*	*	
7.1	7.25	207	137	3060 ¹⁾	*	*	*	*	*	*	*	*	*	*	
8	8.03	187	137	2761 ¹⁾	*	769	*	*	*	*	*	827	*	*	
9	9.38	160	141	2435 ¹⁾	*	718	*	*	*	*	*	819	679	*	
10	9.85	152	141	2317	*	782	648	*	*	*	*	868	719	*	
11.2	11.50	130	152	2140	*	731	606	*	*	*	*	844	699	*	
12.5	12.41	121	152	1983	*	777	644	*	509	*	*	865	717	*	
14	14.49	104	158	1766	*	724	600	*	478	*	*	826	684	*	
16	15.53	97	158	1647	*	738	611	*	549	455	*	803	665	*	
18	18.13	83	158	1411	356	688	570	*	509	422	395	763	632	*	
20	19.34	78	128	1087	378	731	616	*	469	396	296	572	482	*	
22.4	22.57	66	141	1026	355	686	578	*	444	374	280	542	457	*	
25	24.37	62	153	1032	358	692	584	*	470	396	300	580	489	*	
28	28.44	53	158	913	337	652	550	*	436	367	282	545	459	*	
31.5	31.29	48	158	830	350	676	570	264	511	431	310	600	506	*	
35.5	36.51	41	158	711	332	641	540	245	473	399	292	564	475	*	
40	39.14	38	158	663	322	621	524	241	465	392	290	561	473	*	
45	45.69	33	158	568	306	592	499	223	431	364	274	529	446	*	
50	48.88	31	158	531	315	608	512	270	522	440	297	574	484	*	
56	57.05	26	158	455	300	580	489	254	491	414	282	546	460	*	
63	61.16	25	158	424	291	562	474	246	476	401	276	533	449	*	
71	71.38	21	158	364	278	538	453	232	449	378	262	506	427	*	
80	80.50	19	158	322	271	523	441	223	431	363	255	493	416	*	
90	91.46	16	158	284	267	517	436	230	444	374	255	493	416	*	
100	98.71	15	158	267	221	-	360	197	-	320	208	-	339	*	
112	115.21	13	158	229	212	-	345	186	-	304	198	-	323	*	
125	129.92	12	158	203	206	-	335	179	-	292	192	-	312	*	
140	143.68	10	158	184	199	-	325	174	-	284	188	-	305	*	
160	162.03	9.3	158	163	193	-	315	168	-	273	181	-	295	*	
180	180.01	8.3	158	147	182	-	296	158	-	257	171	-	279	*	
200	203.00	7.4	158	130	176	-	287	152	-	247	166	-	270	*	
224	225.06	6.7	158	117	178	-	290	167	-	272	173	-	282	*	
250	253.80	5.9	158	104	173	-	281	161	-	262	168	-	274	*	
280	281.97	5.3	158	94	162	-	264	151	-	247	158	-	258	*	
315	317.98	4.7	158	83	158	-	257	146	-	238	153	-	250	*	
355	361.27	4.2	158	73	152	-	248	141	-	229	148	-	241	*	

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes W16 P - 1500 rpm

W16 - n1 = 1500 rpm														178 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5			Mounting position - P4					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	6.95	216	138	3214 ¹⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.09	185	154	3083 ¹⁾	*	*	*	*	*	*	*	*	*	*		
9	8.99	167	154	2773 ¹⁾	*	771	*	*	*	*	*	811	*			
10	10.46	143	158	2445 ¹⁾	*	720	*	*	*	*	*	809	665			
11.2	11.03	136	158	2320	*	786	647	*	*	*	*	860	708			
12.5	12.83	117	170	2145	*	738	607	*	*	*	*	841	692			
14	13.90	108	170	1981	*	786	647	*	514	*	*	866	713			
16	16.17	93	178	1782	*	733	603	*	483	*	*	829	682			
18	17.39	86	178	1658	*	747	615	*	556	457	*	809	666			
20	20.23	74	178	1425	361	697	574	*	516	425	398	769	632			
22.4	21.65	69	140	1062	383	741	620	*	472	395	298	576	483	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153	
25	25.19	60	158	1030	359	694	581	*	450	377	283	547	458			
28	27.28	55	172	1036	362	700	586	*	476	399	304	587	491			
31.5	31.74	47	178	921	341	660	552	*	442	370	285	551	462			
35.5	35.02	43	178	835	354	683	572	268	519	434	315	609	510			
40	40.75	37	178	718	336	648	543	249	481	402	295	571	478			
45	43.82	34	178	667	326	631	528	245	473	396	294	568	475			
50	50.98	29	178	574	310	599	502	227	438	367	277	536	449			
56	54.72	27	178	534	318	615	515	273	528	442	301	582	488			
63	63.67	24	178	459	305	590	494	258	499	418	287	555	465			
71	68.46	22	178	427	295	569	477	250	484	405	279	540	452			
80	79.66	19	178	367	283	547	458	236	456	382	267	515	431			
90	89.83	17	178	326	275	532	445	227	439	368	260	502	420			
100	102.07	15	178	287	270	522	437	232	449	376	258	498	417			
112	110.49	14	178	269	224	-	363	200	-	323	211	-	342	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155	
125	128.57	12	178	231	214	-	347	189	-	306	201	-	325			
140	144.98	10	178	205	208	-	337	182	-	294	194	-	314			
160	160.34	9	178	185	202	-	327	177	-	286	190	-	308			
180	180.82	8.3	178	164	196	-	317	170	-	275	184	-	297			
200	200.88	7.5	178	148	184	-	298	160	-	259	174	-	281			
224	226.54	6.6	178	131	179	-	289	154	-	249	168	-	272			
250	251.16	6.0	178	118	180	-	292	169	-	274	176	-	284			
280	283.23	5.3	178	105	175	-	284	163	-	264	170	-	275			
315	314.66	4.8	178	95	164	-	266	154	-	249	160	-	259			
355	354.84	4.2	178	84	160	-	259	148	-	240	155	-	251			
400	403.16	3.7	178	74	154	-	250	143	-	231	150	-	243			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes

W05 P - 1200 rpm

W05 - n1 = 1200 rpm														22 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.23	192	19.3	401	144	239	307	124	205	265	142	236	305	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.21	166	20.5	368	135	224	288	117	193	250	135	223	288		
8	7.74	155	20.5	343	134	223	288	120	200	259	134	222	288		
9	8.96	134	22	318	126	210	271	114	189	244	127	211	273		
10	9.95	121	22	287	121	201	258	113	187	242	121	201	260		
11.2	11.51	104	22	248	114	189	244	106	176	228	114	190	245		
12.5	12.55	96	22	227	114	189	244	109	181	233	114	190	245		
14	14.52	83	22	196	108	178	231	103	170	220	108	180	232		
16	15.58	77	22	183	104	173	224	102	168	218	105	174	225		
18	18.02	67	22	158	99	164	212	96	159	206	100	165	213		
20	19.51	62	19	128	104	173	224	99	165	213	102	169	219	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.57	53	22	128	98	162	209	93	155	200	96	159	205		
25	24.62	49	22	117	99	163	211	94	156	202	97	161	207		
28	28.48	42	22	102	94	156	201	90	149	192	92	153	198		
31.5	31.38	38	22	92	95	157	203	92	152	197	94	155	201		
35.5	36.29	33	22	80	90	150	194	87	145	187	89	148	191		
40	38.95	31	22	74	88	147	190	85	142	183	88	145	188		
45	45.05	27	22	64	84	140	181	82	135	175	84	139	179		
50	49.60	24	22	58	85	142	183	84	140	180	85	141	182		
56	57.38	21	22	50	82	136	175	81	134	173	81	135	174		
63	61.58	19	22	47	80	133	172	79	131	169	80	132	171		
71	71.23	17	22	41	77	127	165	76	125	162	76	127	164		
80	81.15	15	22	36	73	121	156	71	119	153	72	120	155		
90	91.85	13	22	31	70	117	151	69	115	149	70	116	150		
100	100.89	12	22	29	62	-	132	61	-	130	61	-	131	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.74	11	22	26	59	-	127	58	-	125	59	-	126		
125	127.29	9	22	23	56	-	121	55	-	119	56	-	120		
140	142.21	8	22	21	56	-	119	55	-	117	55	-	118		
160	162.01	7.4	22	18	53	-	113	52	-	111	52	-	113		
180	176.65	6.8	22	17	51	-	110	51	-	108	51	-	109		
200	201.25	6.0	22	15	49	-	105	48	-	103	49	-	104		
224	226.50	5.3	22	13	49	-	106	49	-	105	49	-	105		
250	258.04	4.7	22	11	47	-	101	47	-	100	47	-	100		
280	281.36	4.3	22	10	46	-	98	45	-	97	45	-	97		
315	320.53	3.7	22	9	43	-	93	43	-	92	43	-	93		
355	362.81	3.3	22	8	41	-	89	41	-	88	41	-	89		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W06 P - 1200 rpm

W06 - n1 = 1200 rpm														28 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.82	154	25	414	162	268	324	138	230	280	158	262	320	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
9	8.99	133	27	389	151	250	303	131	217	265	149	248	302		
10	9.71	124	28	374	151	250	305	137	227	276	150	249	304		
11.2	11.16	107	28	325	141	235	286	128	212	259	142	235	287		
12.5	12.47	96	28	291	135	224	273	127	210	256	136	225	274		
14	14.34	84	28	253	128	212	258	119	198	241	128	213	260		
16	15.73	76	28	231	128	213	260	123	203	248	129	214	260		
18	18.10	66	28	200	121	200	244	116	192	234	122	202	246		
20	19.53	61	28	186	118	195	238	114	190	231	118	196	239		
22.4	22.47	53	28	161	111	184	225	108	179	218	112	186	226		
25	24.46	49	24	129	112	187	233	107	177	221	110	182	227	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
28	28.13	43	28	131	105	174	217	100	166	208	103	170	212		
31.5	30.86	39	28	119	106	175	219	101	168	210	104	173	215		
35.5	35.50	34	28	104	101	167	209	96	159	199	99	164	205		
40	39.33	31	28	94	102	169	210	98	163	204	100	167	208		
45	45.24	27	28	81	97	161	200	94	155	194	96	159	198		
50	48.83	25	28	75	95	157	196	91	151	189	94	156	195		
56	56.16	21	28	66	91	150	188	88	145	181	90	149	186		
63	62.18	19	28	59	92	152	190	90	150	187	91	151	189		
71	71.52	17	28	51	88	145	181	86	143	178	87	145	180		
80	77.19	16	28	48	86	143	178	85	141	175	86	142	177		
90	88.79	14	28	41	82	137	171	81	134	168	82	136	170		
100	101.16	12	28	36	78	129	162	77	127	159	78	129	161		
112	114.50	10	28	32	75	125	156	74	123	154	75	125	156		
125	125.76	9.5	28	30	66	-	137	65	-	135	66	-	136		
140	139.29	8.6	28	27	63	-	131	63	-	129	63	-	130		
160	158.68	7.6	28	24	60	-	125	59	-	123	60	-	124		
180	177.27	6.8	28	21	59	-	123	59	-	121	59	-	122		
200	201.96	5.9	28	19	57	-	117	56	-	115	56	-	116		
224	220.21	5.4	28	17	55	-	114	54	-	112	55	-	113		
250	250.87	4.8	28	15	52	-	109	52	-	107	52	-	108		
280	282.35	4.3	28	13	53	-	109	53	-	109	53	-	109		
315	321.67	3.7	28	12	50	-	104	50	-	103	50	-	104		
355	350.73	3.4	28	11	49	-	101	48	-	100	49	-	101		
400	399.57	3.0	28	9	47	-	96	46	-	96	46	-	96		
450	452.27	2.7	28	8	44	-	92	44	-	91	44	-	92		
														4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W07 P - 1200 rpm

W07 - n1 = 1200 rpm														36 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.26	192	31	642	225	373	388	177	294	310	221	367	387	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.24	166	35	626	210	349	365	168	279	295	210	349	368		
8	7.74	155	36	602	210	349	366	180	299	315	211	349	369		
9	8.96	134	36	521	197	327	344	169	280	296	200	331	349		
10	9.86	122	36	473	197	327	345	177	294	310	199	330	348		
11.2	11.41	105	36	409	185	308	324	166	275	290	188	313	330		
12.5	12.35	97	36	378	184	305	321	170	283	298	185	307	324		
14	14.28	84	36	327	173	287	303	160	266	280	175	291	307		
16	15.55	77	36	300	161	267	282	153	255	269	163	270	285		
18	17.98	67	36	259	153	254	268	145	241	254	155	257	271		
20	19.34	62	33.5	228	167	277	296	154	255	273	160	266	285	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.37	54	36	211	157	261	280	145	241	258	151	251	269		
25	24.22	50	36	195	156	258	276	144	239	256	151	251	268		
28	28.02	43	36	169	148	246	263	136	226	242	144	239	255		
31.5	30.87	39	36	153	148	246	263	141	234	250	146	242	259		
35.5	35.71	34	36	133	142	236	252	134	222	238	139	230	247		
40	38.86	31	36	122	133	220	236	126	208	223	130	216	232		
45	44.95	27	36	105	127	211	226	120	199	213	125	207	222		
50	48.66	25	36	97	131	218	234	128	212	227	130	216	231		
56	56.29	21	36	84	126	209	224	122	203	217	125	207	222		
63	61.27	20	36	77	118	196	210	115	191	204	117	195	209		
71	70.87	17	36	67	114	189	203	110	183	196	113	187	201		
80	81.45	15	36	58	111	184	198	107	178	191	110	183	196		
90	92.99	13	36	51	110	183	196	107	178	191	110	182	195		
100	96.32	12	36	50	92	-	164	91	-	161	92	-	163	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.41	11	36	43	89	-	158	87	-	155	88	-	156		
125	128.04	9	36	38	87	-	154	85	-	150	86	-	152		
140	141.79	8	36	34	82	-	147	81	-	143	82	-	145		
160	162.95	7.4	36	30	80	-	143	78	-	139	80	-	141		
180	175.63	6.8	36	27	76	-	136	74	-	132	76	-	134		
200	201.84	5.9	36	24	74	-	132	72	-	129	74	-	131		
224	225.68	5.3	36	21	74	-	131	73	-	129	73	-	130		
250	259.36	4.6	36	19	72	-	128	71	-	126	71	-	127		
280	279.54	4.3	36	17	68	-	121	67	-	120	68	-	120		
315	321.26	3.7	36	15	66	-	118	66	-	116	66	-	117		
355	366.81	3.3	36	13	64	-	115	64	-	113	64	-	114		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W08 P - 1200 rpm

W08 - n1 = 1200 rpm														46 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.84	153	39	644	234	388	398	183	303	314	227	377	389	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
9	9.02	133	44	632	220	364	372	175	290	299	217	360	373		
10	9.71	124	46	614	220	366	377	187	310	321	219	363	375		
11.2	11.16	107	46	534	206	342	353	176	292	302	208	344	356		
12.5	12.36	97	46	482	207	344	354	185	307	318	208	345	356		
14	14.22	84	46	419	195	323	334	174	289	299	197	326	337		
16	15.48	78	46	385	193	320	331	179	297	307	194	322	333		
18	17.80	67	46	335	181	301	311	168	279	288	184	305	315		
20	19.49	62	46	306	170	281	291	161	268	277	171	283	293		
22.4	22.42	54	46	266	161	266	275	153	253	262	162	269	278		
25	24.25	49	42	228	175	290	304	161	267	281	168	278	293	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
28	27.89	43	46	217	164	272	286	151	251	264	158	262	275		
31.5	30.36	40	46	199	162	269	283	150	250	262	158	262	275		
35.5	34.92	34	46	173	155	257	270	142	236	248	150	249	261		
40	38.70	31	46	156	155	257	271	147	244	256	152	252	265		
45	44.51	27	46	136	148	245	258	140	232	243	145	240	252		
50	48.72	25	46	124	138	230	242	131	217	229	136	226	238		
56	56.04	21	46	108	133	220	231	125	207	218	130	216	227		
63	61.00	20	46	99	137	228	239	134	222	233	136	226	237		
71	70.17	17	46	86	131	218	229	127	211	222	130	216	227		
80	76.80	16	46	79	124	205	216	120	200	210	123	203	214		
90	88.34	14	46	68	119	197	207	115	191	201	118	195	205		
100	101.53	12	46	60	116	192	202	112	186	195	115	190	200		
112	115.92	10	46	52	115	190	200	112	185	195	114	189	199		
125	120.73	9.9	46	51	97	-	169	95	-	165	96	-	167		
140	138.88	8.6	46	44	93	-	162	91	-	158	92	-	160		
160	159.61	7.5	46	39	91	-	158	88	-	154	89	-	156		
180	176.75	6.8	46	35	86	-	150	84	-	147	85	-	149		
200	203.14	5.9	46	30	84	-	146	82	-	143	83	-	145		
224	218.94	5.5	46	28	80	-	139	78	-	135	79	-	137		
250	251.61	4.8	46	24	78	-	135	76	-	132	77	-	134		
280	281.33	4.3	46	22	77	-	134	76	-	132	76	-	133		
315	323.31	3.7	46	19	75	-	131	74	-	129	75	-	130		
355	348.46	3.4	46	18	71	-	124	70	-	122	71	-	123		
400	400.47	3.0	46	15	69	-	121	68	-	119	69	-	120		
450	457.26	2.6	46	13	67	-	117	66	-	116	67	-	117		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W09 P - 1200 rpm

W09 - n1 = 1200 rpm														58.5 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.23	192	48	997	*	422	457	*	305	331	*	407	442	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.21	166	52	934	*	397	431	*	293	317	*	393	426		
8	7.74	155	55	920	240	399	432	*	321	348	240	398	431		
9	8.96	134	58.5	846	226	375	407	*	303	329	228	379	411		
10	9.94	121	58.5	762	226	375	407	*	325	352	228	378	410		
11.2	11.50	104	58.5	659	213	353	383	183	304	330	216	359	389		
12.5	12.40	97	58.5	611	211	350	379	190	315	342	213	354	384		
14	14.34	84	58.5	528	199	330	358	179	297	322	202	336	364		
16	15.53	77	58.5	488	186	308	334	174	288	312	188	312	338		
18	17.96	67	58.5	422	176	293	317	164	272	295	179	297	322		
20	19.51	62	56.5	381	204	339	371	181	301	329	193	321	351	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.57	53	58.5	341	192	319	349	171	284	311	182	303	331		
25	24.33	49	58.5	316	193	321	351	172	286	313	185	307	336		
28	28.15	43	58.5	273	184	306	335	163	271	297	176	292	320		
31.5	31.26	38	58.5	246	181	300	328	167	277	303	175	291	319		
35.5	36.16	33	58.5	213	173	287	314	158	263	288	168	278	304		
40	39.17	31	58.5	196	164	272	298	151	250	274	160	265	291		
45	45.30	26	58.5	170	158	262	286	144	239	261	153	254	279		
50	48.97	25	58.5	157	167	277	304	162	269	294	166	276	302		
56	56.64	21	58.5	136	162	268	294	155	257	281	159	264	289		
63	61.35	20	58.5	125	153	254	278	147	244	267	151	251	275		
71	70.96	17	58.5	108	147	244	267	140	233	255	145	241	264		
80	80.62	15	58.5	95	145	241	264	138	229	251	143	237	260		
90	91.85	13	58.5	84	140	232	255	134	223	244	138	230	252		
100	97.91	12	58.5	80	113	-	205	109	-	199	111	-	202	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	113.26	11	58.5	69	109	-	198	105	-	191	107	-	194		
125	128.68	9	58.5	61	107	-	195	103	-	188	105	-	191		
140	142.90	8	58.5	55	103	-	188	100	-	182	102	-	185		
160	162.36	7.4	58.5	48	102	-	184	98	-	178	100	-	181		
180	177.40	6.8	58.5	44	97	-	176	93	-	169	95	-	173		
200	201.56	6.0	58.5	39	95	-	172	91	-	166	93	-	170		
224	225.92	5.3	58.5	35	92	-	167	90	-	164	91	-	166		
250	256.69	4.7	58.5	30	90	-	164	88	-	161	89	-	163		
280	280.47	4.3	58.5	28	86	-	156	84	-	153	85	-	155		
315	318.66	3.8	58.5	25	84	-	153	83	-	150	84	-	152		
355	363.03	3.3	58.5	22	80	-	145	78	-	143	79	-	144		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W10 P - 1200 rpm

W10 - n1 = 1200 rpm														67 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.03	171	55	1014	*	433	463	*	313	334	*	414	443	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.10	148	60	959	*	408	436	*	302	323	*	401	429		
9	8.72	138	64	950	249	412	441	*	329	352	246	408	436		
10	10.06	119	67	863	233	387	414	*	313	335	234	389	416		
11.2	11.20	107	67	775	233	387	414	*	335	358	235	389	417		
12.5	12.92	93	67	672	220	364	390	189	314	336	223	370	396		
14	13.97	86	67	621	218	362	387	197	326	349	220	365	391		
16	16.11	75	67	539	206	341	365	185	307	328	209	346	371		
18	17.57	68	67	494	192	319	341	179	298	318	194	322	345		
20	20.26	59	67	428	182	302	324	169	281	301	185	307	328		
22.4	21.99	55	63.5	380	211	350	379	187	310	336	199	330	358	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.35	47	67	347	197	328	355	176	292	316	187	311	336		
28	27.42	44	67	321	199	330	357	178	295	319	190	316	342		
31.5	31.62	38	67	279	189	314	340	168	278	301	181	300	325		
35.5	35.22	34	67	250	185	307	333	171	284	308	180	299	324		
40	40.62	30	67	217	177	294	318	163	270	292	172	285	309		
45	44.30	27	67	199	169	280	303	155	257	279	164	273	295		
50	51.08	23	67	172	162	268	290	148	245	266	157	261	283		
56	55.17	22	67	160	173	287	311	166	276	299	171	283	307		
63	63.62	19	67	138	166	275	298	158	263	285	163	271	293		
71	69.39	17	67	127	157	261	283	151	250	271	155	258	279		
80	80.01	15	67	110	151	251	272	144	239	259	149	247	268		
90	90.56	13	67	97	149	247	267	141	235	254	147	243	264		
100	103.17	12	67	85	144	238	258	138	229	248	142	236	255		
112	113.41	11	67	79	116	-	208	113	-	202	114	-	205	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	127.70	9	67	70	112	-	201	108	-	194	110	-	197		
140	144.54	8	67	62	110	-	197	106	-	191	108	-	194		
160	161.13	7	67	56	106	-	191	103	-	184	104	-	188		
180	182.38	6.6	67	49	104	-	187	100	-	180	103	-	184		
200	200.03	6.0	67	45	99	-	178	96	-	172	98	-	176		
224	226.41	5.3	67	40	97	-	175	94	-	168	96	-	172		
250	254.73	4.7	67	35	94	-	169	93	-	167	94	-	168		
280	288.33	4.2	67	31	92	-	166	91	-	163	92	-	165		
315	316.23	3.8	67	28	88	-	158	87	-	156	87	-	157		
355	357.94	3.4	67	25	86	-	155	85	-	152	86	-	154		
400	407.78	2.9	67	22	82	-	148	81	-	145	82	-	147		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W11 P - 1200 rpm

W11 - n1 = 1200 rpm														80 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.22	193	76	1584	*	571	564	*	*	*	*	560	554	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.19	167	80	1441	*	537	531	*	*	*	*	545	539		
8	7.76	155	80	1336	335	557	550	*	390	386	*	565	559		
9	8.97	134	80	1155	310	514	509	*	367	363	326	541	535		
10	9.86	122	80	1051	322	535	529	*	415	411	333	552	546		
11.2	11.41	105	80	909	301	499	494	233	386	381	316	524	518		
12.5	12.55	96	80	826	304	505	499	256	424	420	315	523	517		
14	14.52	83	80	714	286	475	469	238	395	390	299	496	490		
16	15.36	78	80	675	277	460	455	245	407	402	285	474	468		
18	17.77	68	80	583	262	434	429	230	382	377	271	450	445		
20	19.36	62	79	536	261	434	432	215	356	355	239	397	396	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.39	54	80	470	249	414	412	202	335	333	227	376	375		
25	24.64	49	80	427	249	412	411	202	336	334	231	383	381		
28	28.50	42	80	369	237	394	393	189	314	313	219	363	362		
31.5	31.38	38	80	335	241	400	398	206	342	341	228	379	378		
35.5	36.29	33	80	290	230	382	380	194	323	321	217	361	359		
40	38.41	31	80	274	221	366	365	188	311	310	210	349	347		
45	44.42	27	80	237	212	351	350	177	294	293	201	333	332		
50	49.46	24	80	213	215	356	355	198	329	328	209	347	346		
56	57.21	21	80	184	206	342	340	188	313	311	200	333	331		
63	60.55	20	80	174	198	328	327	181	301	300	193	320	319		
71	70.03	17	80	150	190	316	314	173	287	286	185	307	306		
80	80.39	15	80	131	181	301	300	163	271	270	176	292	291		
90	92.39	13	80	114	179	297	296	164	273	272	175	290	289		
100	96.02	12	80	111	151	-	250	143	-	236	147	-	243	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.06	11	80	96	146	-	241	137	-	226	141	-	233		
125	127.48	9.4	80	84	139	-	230	129	-	214	134	-	221		
140	139.07	8.6	80	77	137	-	227	128	-	212	133	-	220		
160	159.63	7.5	80	67	131	-	216	121	-	200	126	-	209		
180	175.08	6.9	80	61	125	-	207	116	-	192	121	-	201		
200	200.97	6.0	80	53	119	-	197	110	-	182	116	-	191		
224	219.24	5.5	80	49	122	-	202	118	-	195	120	-	199		
250	251.65	4.8	80	42	116	-	193	112	-	185	115	-	190		
280	276.02	4.3	80	39	111	-	184	107	-	177	110	-	182		
315	316.82	3.8	80	34	106	-	176	102	-	169	105	-	173		
355	364.11	3.3	80	29	103	-	169	98	-	162	101	-	167		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W12 P - 1200 rpm

W12 - n1 = 1200 rpm														92 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.00	171	86	1591	*	584	571	*	*	*	*	563	551	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.08	149	89	1428	*	550	538	*	*	*	*	551	539		
9	8.74	137	92	1363	343	570	557	*	399	390	*	575	562		
10	10.08	119	92	1182	322	535	523	*	375	367	332	552	540		
11.2	11.11	108	92	1073	331	550	538	*	426	416	341	566	553		
12.5	12.81	94	92	930	309	513	502	*	398	389	323	537	525		
14	14.14	85	92	843	314	521	510	264	438	428	324	537	525		
16	16.31	74	92	731	294	488	477	245	407	398	306	509	497		
18	17.31	69	92	688	285	473	463	253	419	410	293	487	476		
20	19.96	60	92	597	269	446	436	236	392	384	278	462	452		
22.4	21.81	55	90	542	268	444	440	217	360	357	244	405	401	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.15	48	92	481	252	418	414	205	340	337	230	382	378		
28	27.76	43	92	436	252	418	414	206	341	338	234	389	385		
31.5	32.01	37	92	378	241	400	396	193	320	317	222	369	365		
35.5	35.35	34	92	342	245	406	402	210	348	345	232	385	381		
40	40.77	29	92	297	233	387	383	198	328	325	220	366	362		
45	43.27	28	92	279	224	371	368	191	316	313	213	354	351		
50	49.90	24	92	242	214	356	352	180	299	296	203	338	334		
56	55.73	22	92	217	218	361	358	201	334	330	212	352	349		
63	64.27	19	92	188	209	346	343	192	318	315	203	337	334		
71	68.22	18	92	177	201	333	330	184	306	303	196	325	322		
80	78.67	15	92	154	193	320	317	175	291	288	188	311	309		
90	90.30	13	92	134	183	304	301	166	276	273	179	296	294		
100	103.78	12	92	117	181	300	297	167	277	274	177	294	291		
112	108.19	11	92	114	154	-	253	145	-	238	149	-	245	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	124.75	9.6	92	99	148	-	243	138	-	228	143	-	235		
140	143.20	8.4	92	86	141	-	232	131	-	216	136	-	224		
160	156.21	7.7	92	79	139	-	229	130	-	214	135	-	222		
180	179.31	6.7	92	69	133	-	218	123	-	202	128	-	211		
200	196.67	6.1	92	63	127	-	208	118	-	194	123	-	202		
224	225.75	5.3	92	54	121	-	199	112	-	184	117	-	193		
250	246.26	4.9	92	50	124	-	204	120	-	197	122	-	201		
280	282.68	4.2	92	44	118	-	194	114	-	187	116	-	191		
315	310.04	3.9	92	40	113	-	186	109	-	179	111	-	183		
355	355.89	3.4	92	35	108	-	177	104	-	170	106	-	175		
400	409.00	2.9	92	30	104	-	171	100	-	164	102	-	168		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W13 P - 1200 rpm

W13 - n1 = 1200 rpm														115 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.29	191	103	2122	*	715	727	*	*	*	*	710	721	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.27	165	115	2049	*	669	680	*	*	*	*	697	708		
8	7.75	155	115	1923	*	704	715	*	*	*	*	732	744		
9	8.96	134	115	1662	*	657	667	*	*	*	*	705	716		
10	9.86	122	115	1511	402	667	677	*	476	484	425	706	717		
11.2	11.41	105	115	1306	375	622	632	*	439	446	406	673	684		
12.5	12.43	97	115	1199	387	642	653	*	499	507	410	681	692		
14	14.37	83	115	1037	362	601	610	278	461	469	389	646	656		
16	15.56	77	115	957	370	613	623	308	511	519	388	644	654		
18	18.00	67	115	828	346	573	583	286	475	482	367	609	619		
20	19.36	62	101	686	350	581	590	248	411	417	299	495	503	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.39	54	115	675	328	544	552	236	392	398	283	469	477		
25	24.39	49	115	620	328	544	552	240	399	405	291	484	491		
28	28.21	43	115	536	312	518	526	223	370	376	275	456	464		
31.5	31.31	38	115	483	319	529	537	253	420	426	293	487	494		
35.5	36.22	33	115	417	303	503	511	237	393	399	278	461	468		
40	39.21	31	115	386	302	502	510	234	389	395	279	463	471		
45	45.35	26	115	333	288	479	486	219	363	368	264	439	446		
50	48.92	25	115	309	285	472	480	251	417	423	273	454	461		
56	56.59	21	115	267	273	453	460	237	393	400	261	433	440		
63	61.26	20	115	247	272	451	458	235	390	396	260	432	439		
71	70.86	17	115	213	260	432	439	222	369	375	249	412	419		
80	79.84	15	115	189	248	412	418	210	349	355	237	393	400		
90	90.72	13	115	167	245	407	413	215	357	363	236	392	399		
100	98.87	12	115	155	204	-	343	184	-	310	193	-	326	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	114.36	10.5	115	134	195	-	329	175	-	294	184	-	311		
125	128.86	9.3	115	119	187	-	315	166	-	279	176	-	296		
140	142.63	8.4	115	108	183	-	309	163	-	275	174	-	293		
160	160.71	7.5	115	96	175	-	296	155	-	261	166	-	279		
180	178.69	6.7	115	86	167	-	281	147	-	249	159	-	267		
200	201.35	6.0	115	76	160	-	269	140	-	236	151	-	255		
224	223.41	5.4	115	69	163	-	275	154	-	260	160	-	269		
250	251.73	4.8	115	61	156	-	263	147	-	248	152	-	257		
280	279.90	4.3	115	55	148	-	250	140	-	236	145	-	245		
315	315.38	3.8	115	49	142	-	240	133	-	225	139	-	234		
355	358.33	3.3	115	43	137	-	231	128	-	216	134	-	226		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W14 P - 1200 rpm

W14 - n1 = 1200 rpm														132 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.08	169	116	2121	*	718	724	*	*	*	*	700	705	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.17	147	132	2093	*	680	685	*	*	*	*	696	702		
9	8.73	137	132	1959	*	712	718	*	*	*	*	732	738		
10	10.07	119	132	1699	*	670	675	*	*	*	*	712	717		
11.2	11.11	108	132	1539	410	680	685	*	484	488	429	712	717		
12.5	12.81	94	132	1335	384	637	642	*	451	454	412	684	690		
14	14.00	86	132	1221	395	655	660	*	509	513	416	690	695		
16	16.14	74	132	1059	371	615	620	285	473	477	397	659	664		
18	17.53	68	132	975	376	624	628	314	521	525	394	654	659		
20	20.22	59	132	846	355	589	593	294	487	491	376	623	628		
22.4	21.81	55	115	693	326	541	560	244	406	420	286	475	492	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.15	48	132	690	312	518	536	229	380	393	272	451	467		
28	27.48	44	132	631	313	519	538	231	383	396	278	462	478		
31.5	31.69	38	132	547	299	496	514	230	381	394	264	438	454		
35.5	35.28	34	132	492	304	504	522	242	402	416	280	465	481		
40	40.68	29	132	426	291	484	501	228	378	391	267	442	458		
45	44.18	27	132	393	288	478	495	225	373	386	267	443	458		
50	50.94	24	132	341	276	459	475	211	349	362	254	422	436		
56	55.13	22	132	315	272	451	467	240	398	412	261	433	448		
63	63.57	19	132	273	261	434	449	228	378	392	250	416	430		
71	69.03	17	132	251	259	429	445	225	373	387	249	413	427		
80	79.60	15	132	218	249	414	428	214	355	367	239	396	410		
90	89.69	13	132	193	238	395	409	202	336	347	228	378	391		
100	101.90	12	132	170	235	391	404	207	343	355	227	376	390		
112	111.40	11	132	158	194	-	334	176	-	302	185	-	318	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	128.46	9	132	137	187	-	322	168	-	288	177	-	304		
140	144.75	8	132	122	179	-	308	159	-	273	169	-	290		
160	160.22	7	132	110	176	-	302	157	-	269	167	-	287		
180	180.52	6.6	132	98	168	-	289	149	-	255	159	-	273		
200	200.72	6.0	132	88	160	-	275	142	-	243	152	-	262		
224	226.17	5.3	132	78	153	-	263	135	-	231	145	-	250		
250	250.96	4.8	132	70	157	-	269	148	-	255	153	-	263		
280	282.77	4.2	132	62	150	-	257	141	-	243	146	-	251		
315	314.41	3.8	132	56	143	-	245	134	-	231	139	-	240		
355	354.27	3.4	132	50	137	-	235	128	-	220	133	-	229		
400	402.51	3.0	132	44	132	-	226	123	-	212	129	-	221		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W15 P - 1200 rpm

W15 - n1 = 1200 rpm														158 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.21	193	124	2587 ¹⁾	*	727	702	*	*	*	*	*	*		
7.1	7.25	166	137	2448 ¹⁾	*	690	666	*	*	*	*	718	693		
8	8.03	149	137	2209	*	730	704	*	*	*	*	768	741		
9	9.38	128	141	1948	*	681	657	*	*	*	*	745	719		
10	9.85	122	141	1854	*	727	702	*	*	*	*	781	753		
11.2	11.50	104	152	1712	*	678	655	*	*	*	*	746	720		
12.5	12.41	97	152	1586	425	704	680	*	521	502	456	757	731		
14	14.49	83	158	1413	395	656	633	*	487	470	431	715	690		
16	15.53	77	158	1318	394	654	631	*	533	514	416	690	666		
18	18.13	66	158	1129	368	610	589	*	495	478	393	653	630		
20	19.34	62	128	870	378	627	616	278	462	453	321	533	523		
22.4	22.57	53	141	821	354	587	576	263	436	428	303	502	493		
25	24.37	49	153	825	354	587	576	273	452	444	316	524	514		
28	28.44	42	158	730	335	555	545	254	422	414	297	493	484		
31.5	31.29	38	158	664	342	568	558	285	473	465	318	528	518		
35.5	36.51	33	158	569	325	540	530	266	442	434	300	498	489		
40	39.14	31	158	531	315	523	514	260	432	424	295	490	481		
45	45.69	26	158	455	301	499	490	243	404	396	279	464	455		
50	48.88	25	158	425	306	508	499	277	460	451	295	490	481		
56	57.05	21	158	364	292	485	476	262	435	427	281	467	458		
63	61.16	20	158	340	282	469	460	254	422	414	273	454	445		
71	71.38	17	158	291	271	449	441	241	400	392	261	433	425		
80	80.50	15	158	258	263	437	429	232	385	378	254	421	413		
90	91.46	13	158	227	260	431	423	235	391	384	252	419	411		
100	98.71	12	158	214	217	-	353	201	-	328	209	-	340		
112	115.21	10.4	158	183	208	-	339	191	-	312	199	-	325		
125	129.92	9.2	158	163	202	-	329	185	-	301	193	-	314		
140	143.68	8.4	158	147	196	-	319	180	-	293	188	-	307		
160	162.03	7.4	158	130	190	-	310	173	-	282	182	-	297		
180	180.01	6.7	158	117	178	-	290	163	-	266	172	-	280		
200	203.00	5.9	158	104	174	-	283	157	-	256	167	-	272		
224	225.06	5.3	158	94	175	-	285	168	-	274	172	-	280		
250	253.80	4.7	158	83	170	-	277	163	-	265	167	-	272		
280	281.97	4.3	158	75	160	-	260	153	-	249	157	-	256		
315	317.98	3.8	158	66	155	-	253	148	-	241	153	-	248		
355	361.27	3.3	158	58	150	-	245	143	-	233	148	-	240		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes W16 P - 1200 rpm

W16 - n1 = 1200 rpm														178 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	6.95	173	138	2516 ¹⁾	*	*	690	*	*	*	*	*	*		
8	8.09	148	154	2466 ¹⁾	*	*	662	*	*	*	*	706	677		
9	8.99	133	154	2218	*	733	703	*	*	*	*	761	729		
10	10.46	115	158	1956	*	684	656	*	*	*	*	742	711		
11.2	11.03	109	158	1856	*	733	703	*	*	*	*	780	747		
12.5	12.83	94	170	1716	*	684	656	*	*	*	*	747	716		
14	13.90	86	170	1585	430	713	683	*	526	504	459	762	730		
16	16.17	74	178	1426	400	664	637	*	492	472	434	720	690		
18	17.39	69	178	1326	399	662	635	*	539	516	420	698	668		
20	20.23	59	178	1140	373	618	593	*	502	481	397	659	631		
22.4	21.65	55	140	850	383	636	620	281	465	454	324	538	525		
25	25.19	48	158	824	358	594	579	266	441	430	306	508	495		
28	27.28	44	172	829	358	594	579	277	459	448	320	531	517		
31.5	31.74	38	178	737	338	562	548	258	428	417	300	499	486		
35.5	35.02	34	178	668	347	576	562	289	479	467	322	534	521		
40	40.75	29	178	574	329	546	532	270	447	436	304	504	492		
45	43.82	27	178	534	319	530	516	264	437	427	299	496	484		
50	50.98	24	178	459	304	504	491	247	409	399	283	469	458		
56	54.72	22	178	428	310	514	502	281	467	455	299	496	484		
63	63.67	19	178	367	297	494	481	267	443	432	286	475	463		
71	68.46	18	178	342	286	475	463	258	428	417	277	459	448		
80	79.66	15	178	294	275	457	445	245	407	396	265	440	429		
90	89.83	13	178	260	268	444	433	237	393	383	258	428	418		
100	102.07	12	178	229	262	435	425	239	396	386	255	424	413		
112	110.49	11	178	215	220	-	355	201	-	325	212	-	342		
125	128.57	9.3	178	185	211	-	341	194	-	314	202	-	327		
140	144.98	8.3	178	164	205	-	331	187	-	303	196	-	316		
160	160.34	7.5	178	148	198	-	321	182	-	294	191	-	309		
180	180.82	6.6	178	132	193	-	312	176	-	284	185	-	299		
200	200.88	6.0	178	118	181	-	292	165	-	268	174	-	282		
224	226.54	5.3	178	105	176	-	284	160	-	258	169	-	274		
250	251.16	4.8	178	95	177	-	287	170	-	275	174	-	282		
280	283.23	4.2	178	84	172	-	279	165	-	267	169	-	274		
315	314.66	3.8	178	76	162	-	262	155	-	250	159	-	258		
355	354.84	3.4	178	67	157	-	254	150	-	243	155	-	250		
400	403.16	3.0	178	59	152	-	246	145	-	234	150	-	242		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Parallel Gearboxes

W05 P - 1000 rpm

W05 - n1 = 1000 rpm														22 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.23	160	19.3	334	144	213	307	129	191	277	143	211	306	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.21	139	20.5	307	134	199	287	121	180	260	134	199	288		
8	7.74	129	20.5	286	133	197	287	124	183	266	133	198	287		
9	8.96	112	22	265	125	186	269	117	173	251	126	187	270		
10	9.95	101	22	239	120	177	256	114	169	244	120	178	257		
11.2	11.51	87	22	206	113	167	241	107	159	230	113	168	242		
12.5	12.55	80	22	189	113	167	241	109	162	234	113	167	242		
14	14.52	69	22	164	106	158	228	103	153	221	107	158	229		
16	15.58	64	22	152	103	153	221	101	150	217	104	154	222		
18	18.02	55	22	132	98	145	209	96	142	206	98	146	211		
20	19.51	51	19	107	102	151	219	99	146	212	101	149	215	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.57	44	22	107	96	142	205	93	137	199	94	140	202		
25	24.62	41	22	98	96	143	206	93	138	200	95	141	204		
28	28.48	35	22	85	92	136	197	89	132	191	91	135	195		
31.5	31.38	32	22	77	92	137	198	90	134	194	92	136	196		
35.5	36.29	28	22	66	88	131	189	86	128	185	88	130	188		
40	38.95	26	22	62	86	128	185	84	125	181	86	127	184		
45	45.05	22	22	53	83	122	177	81	120	173	82	122	176		
50	49.60	20	22	49	83	123	178	82	122	177	83	123	178		
56	57.38	17	22	42	80	118	171	79	117	169	79	118	170		
63	61.58	16	22	39	78	116	167	77	115	166	78	116	167		
71	71.23	14	22	34	75	111	161	74	110	159	75	111	160		
80	81.15	12	22	30	71	105	152	70	104	151	71	105	152		
90	91.85	11	22	26	69	102	147	68	101	146	69	102	147		
100	100.89	10	22	24	61	-	130	60	-	129	60	-	129	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.74	8.9	22	22	58	-	125	58	-	124	58	-	124		
125	127.29	7.9	22	19	55	-	119	55	-	118	55	-	118		
140	142.21	7.0	22	17	55	-	117	54	-	116	54	-	117		
160	162.01	6.2	22	15	52	-	112	51	-	110	52	-	111		
180	176.65	5.7	22	14	51	-	109	50	-	107	50	-	108		
200	201.25	5.0	22	12	48	-	103	48	-	102	48	-	103		
224	226.50	4.4	22	11	49	-	104	48	-	104	49	-	104		
250	258.04	3.9	22	9	46	-	99	46	-	99	46	-	99		
280	281.36	3.6	22	9	45	-	97	45	-	96	45	-	96		
315	320.53	3.1	22	8	43	-	92	43	-	92	43	-	92		
355	362.81	2.8	22	7	41	-	88	41	-	87	41	-	88		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W06 P - 1000 rpm

W06 - n1 = 1000 rpm														28 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.82	128	25	345	162	240	325	145	215	293	159	236	321	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
9	8.99	111	27	324	150	223	303	136	202	275	149	221	302		
10	9.71	103	28	311	150	223	304	140	207	283	150	222	302		
11.2	11.16	90	28	271	140	208	284	131	195	265	141	209	285		
12.5	12.47	80	28	242	134	199	272	128	190	259	134	199	272		
14	14.34	70	28	211	126	187	255	121	179	244	127	188	257		
16	15.73	64	28	192	127	188	256	123	182	249	127	189	257		
18	18.10	55	28	167	120	177	242	116	172	234	120	178	243		
20	19.53	51	28	155	117	173	236	114	169	230	117	173	236		
22.4	22.47	45	28	135	110	163	222	108	160	218	110	164	223		
25	24.46	41	24	107	110	163	228	106	158	220	108	160	224	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
28	28.13	36	28	109	102	152	212	99	147	205	101	150	209		
31.5	30.86	32	28	99	103	153	214	100	149	208	102	151	212		
35.5	35.50	28	28	86	98	146	204	95	141	197	97	144	202		
40	39.33	25	28	78	99	147	205	97	144	201	98	146	204		
45	45.24	22	28	68	95	140	196	93	137	192	94	139	194		
50	48.83	20	28	63	93	138	192	91	134	188	92	137	191		
56	56.16	18	28	55	89	131	183	86	128	179	88	130	182		
63	62.18	16	28	49	89	132	185	89	131	183	89	132	184		
71	71.52	14	28	43	85	127	177	84	125	175	85	126	176		
80	77.19	13	28	40	84	124	174	83	123	172	84	124	173		
90	88.79	11	28	35	80	119	166	79	118	164	80	119	166		
100	101.16	10	28	30	76	113	157	75	111	156	76	112	157		
112	114.50	8.7	28	27	74	109	152	73	108	151	73	109	152		
125	125.76	8.0	28	25	65	-	135	64	-	134	65	-	134	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
140	139.29	7.2	28	22	62	-	129	62	-	128	62	-	129		
160	158.68	6.3	28	20	59	-	123	59	-	122	59	-	122		
180	177.27	5.6	28	18	59	-	121	58	-	120	58	-	121		
200	201.96	5.0	28	15	56	-	115	55	-	114	56	-	115		
224	220.21	4.5	28	14	54	-	112	54	-	111	54	-	112		
250	250.87	4.0	28	12	52	-	107	51	-	106	51	-	107		
280	282.35	3.5	28	11	52	-	108	52	-	107	52	-	108		
315	321.67	3.1	28	10	50	-	103	49	-	102	50	-	103		
355	350.73	2.9	28	9	48	-	100	48	-	99	48	-	100		
400	399.57	2.5	28	8	46	-	95	46	-	95	46	-	95		
450	452.27	2.2	28	7	44	-	91	44	-	90	44	-	91		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W07 P - 1000 rpm

W07 - n1 = 1000 rpm														36 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.26	160	31	535	225	334	393	190	282	333	223	331	391	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.24	138	35	522	211	313	366	180	267	315	211	313	369		
8	7.74	129	36	502	210	311	366	188	278	329	210	311	368		
9	8.96	112	36	434	197	292	344	176	262	309	198	294	347		
10	9.86	101	36	394	196	290	343	182	269	318	197	292	345		
11.2	11.41	88	36	341	185	274	323	171	253	299	187	277	327		
12.5	12.35	81	36	315	182	270	319	173	257	303	183	272	321		
14	14.28	70	36	272	172	254	300	163	242	285	173	257	304		
16	15.55	64	36	250	160	237	279	154	229	270	161	238	281		
18	17.98	56	36	216	152	225	266	146	217	256	153	227	268		
20	19.34	52	33.5	190	163	242	290	154	229	274	159	236	282	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.37	45	36	176	154	228	273	145	216	258	150	222	267		
25	24.22	41	36	163	152	225	270	145	214	257	149	221	265		
28	28.02	36	36	141	145	216	258	137	203	244	142	211	253		
31.5	30.87	32	36	128	145	215	258	140	207	248	143	212	254		
35.5	35.71	28	36	110	110	163	195	133	197	236	137	202	243		
40	38.86	26	36	101	130	192	230	125	185	222	128	190	228		
45	44.95	22	36	88	124	184	221	119	177	212	123	182	218		
50	48.66	21	36	81	128	190	227	126	187	224	127	189	226		
56	56.29	18	36	70	123	182	218	120	179	214	122	181	217		
63	61.27	16	36	64	116	171	205	113	168	201	115	170	204		
71	70.87	14	36	56	111	165	198	108	160	192	110	164	196		
80	81.45	12	36	48	108	161	193	106	157	188	108	160	192		
90	92.99	11	36	42	108	159	191	106	157	188	107	159	190		
100	96.32	10	36	42	91	-	162	90	-	159	90	-	160	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	111.41	9.0	36	36	88	-	156	86	-	153	87	-	154		
125	128.04	7.9	36	31	85	-	152	84	-	149	85	-	150		
140	141.79	7.1	36	28	81	-	144	80	-	142	81	-	143		
160	162.95	6.2	36	25	79	-	141	78	-	138	79	-	140		
180	175.63	5.7	36	23	75	-	134	74	-	131	75	-	133		
200	201.84	5.0	36	20	73	-	130	72	-	128	73	-	129		
224	225.68	4.4	36	18	73	-	129	72	-	128	72	-	128		
250	259.36	3.9	36	15	71	-	126	70	-	125	71	-	125		
280	279.54	3.6	36	14	67	-	119	67	-	118	67	-	119		
315	321.26	3.2	36	12	66	-	117	65	-	115	65	-	116		
355	366.81	2.8	36	11	64	-	113	63	-	112	64	-	113		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W08 P - 1000 rpm

W08 - n1 = 1000 rpm														46 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.84	128	39	537	237	351	403	197	292	338	231	343	396	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
9	9.02	111	44	526	220	327	375	187	277	321	219	325	376		
10	9.71	103	46	512	220	327	377	197	291	337	219	325	376		
11.2	11.16	90	46	445	206	306	353	185	274	317	207	307	355		
12.5	12.36	81	46	402	206	305	353	191	283	327	207	306	354		
14	14.22	70	46	349	194	287	331	179	265	307	195	289	335		
16	15.48	65	46	321	174	258	328	182	269	312	192	285	330		
18	17.80	56	46	279	180	267	309	171	253	293	182	269	312		
20	19.49	51	46	255	168	249	288	162	241	278	169	250	289		
22.4	22.42	45	46	222	159	236	273	153	227	263	160	238	275		
25	24.25	41	42	190	171	253	298	161	239	282	166	246	290	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
28	27.89	36	46	181	160	238	280	152	225	265	156	232	273		
31.5	30.36	33	46	166	159	236	277	151	224	263	156	231	272		
35.5	34.92	29	46	144	151	224	264	143	212	250	148	220	258		
40	38.70	26	46	130	151	224	264	146	217	255	149	221	261		
45	44.51	22	46	113	144	214	252	139	206	242	142	211	248		
50	48.72	21	46	103	135	201	236	130	193	227	134	198	233		
56	56.04	18	46	90	129	192	226	124	184	217	128	189	223		
63	61.00	16	46	83	134	198	233	131	195	229	133	197	232		
71	70.17	14	46	72	128	190	223	125	186	219	127	188	222		
80	76.80	13	46	66	120	179	210	118	175	206	120	178	209		
90	88.34	11	46	57	116	172	202	113	168	198	115	170	201		
100	101.53	10	46	50	113	167	197	110	164	193	112	166	196		
112	115.92	8.8	46	43	112	166	195	110	163	192	112	165	195		
125	120.73	8.1	46	42	95	-	166	94	-	163	94	-	164		
140	138.88	7.2	46	37	91	-	159	90	-	157	91	-	158		
160	159.61	6.4	46	32	89	-	155	88	-	153	88	-	154		
180	176.75	5.7	46	29	85	-	148	83	-	145	84	-	147		
200	203.14	5.0	46	25	83	-	144	81	-	142	82	-	143		
224	218.94	4.6	46	23	78	-	137	77	-	134	78	-	136		
250	251.61	4.0	46	20	76	-	133	75	-	131	76	-	133		
280	281.33	3.6	46	18	76	-	132	75	-	131	75	-	132		
315	323.31	3.1	46	16	74	-	129	73	-	128	74	-	128		
355	348.46	2.9	46	15	70	-	122	69	-	121	70	-	122		
400	400.47	2.5	46	13	68	-	119	68	-	118	68	-	119		
450	457.26	2.2	46	11	67	-	116	66	-	115	66	-	116		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W09 P - 1000 rpm

W09 - n1 = 1000 rpm														58.5 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.23	160	48	831	258	383	465	*	301	365	252	373	453	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.21	139	52	778	242	359	435	*	287	348	240	356	432		
8	7.74	129	55	767	242	359	435	*	306	371	241	357	434		
9	8.96	112	58.5	705	227	336	408	*	289	350	228	338	411		
10	9.94	101	58.5	635	225	334	406	204	302	366	227	337	409		
11.2	11.50	87	58.5	549	213	316	383	191	283	344	215	319	387		
12.5	12.40	81	58.5	509	210	311	377	195	289	351	212	314	381		
14	14.34	70	58.5	440	198	294	357	184	272	331	201	297	361		
16	15.53	64	58.5	407	185	274	332	176	261	316	186	276	335		
18	17.96	55	58.5	352	175	260	316	166	247	300	177	263	319		
20	19.51	51	56.5	317	200	296	363	184	273	335	193	286	350	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.57	44	58.5	284	188	279	342	174	258	316	182	269	330		
25	24.33	41	58.5	263	189	281	344	175	259	318	184	272	334		
28	28.15	36	58.5	228	181	268	328	166	246	301	175	259	318		
31.5	31.26	32	58.5	205	176	261	320	167	247	303	173	256	314		
35.5	36.16	28	58.5	177	169	250	307	159	235	289	165	245	300		
40	39.17	25	58.5	164	160	237	291	151	224	275	157	233	286		
45	45.30	22	58.5	141	154	228	280	144	214	263	151	224	274		
50	48.97	20	58.5	131	164	243	298	160	237	290	163	241	296		
56	56.64	18	58.5	113	157	233	286	153	226	278	156	231	283		
63	61.35	16	58.5	104	149	221	271	145	215	263	148	219	269		
71	70.96	14	58.5	90	144	213	261	139	206	252	142	211	258		
80	80.62	12	58.5	79	141	209	257	137	202	248	140	208	254		
90	91.85	11	58.5	70	137	202	248	133	196	241	135	201	246		
100	97.91	9.9	58.5	67	111	-	201	109	-	197	110	-	199	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	113.26	8.8	58.5	58	107	-	194	104	-	190	106	-	192		
125	128.68	7.8	58.5	51	105	-	191	103	-	187	104	-	189		
140	142.90	7.0	58.5	46	102	-	185	99	-	180	101	-	183		
160	162.36	6.2	58.5	40	100	-	182	98	-	177	99	-	180		
180	177.40	5.6	58.5	37	95	-	173	93	-	169	94	-	171		
200	201.56	5.0	58.5	32	94	-	170	91	-	165	93	-	168		
224	225.92	4.4	58.5	29	90	-	164	89	-	162	90	-	163		
250	256.69	3.9	58.5	25	89	-	161	88	-	159	88	-	161		
280	280.47	3.6	58.5	23	85	-	154	84	-	152	84	-	153		
315	318.66	3.1	58.5	20	83	-	151	82	-	149	83	-	150		
355	363.03	2.8	58.5	18	79	-	144	78	-	142	79	-	143		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W10 P - 1000 rpm

W10 - n1 = 1000 rpm														67 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.03	142	55	845	266	395	473	*	309	370	257	381	457	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.10	123	60	800	249	370	443	*	296	354	246	365	437		
9	8.72	115	64	792	250	371	445	*	315	377	248	368	440		
10	10.06	99	67	719	234	347	415	*	298	357	235	348	417		
11.2	11.20	89	67	646	233	346	414	211	312	374	234	347	416		
12.5	12.92	77	67	560	220	325	390	198	293	351	222	329	394		
14	13.97	72	67	518	217	321	385	202	299	358	219	324	388		
16	16.11	62	67	449	205	304	364	190	281	337	207	307	368		
18	17.50	57	67	413	191	283	339	182	269	323	192	285	341		
20	20.18	49	67	358	181	269	322	172	255	305	183	271	325		
22.4	21.99	45	63.5	316	206	305	370	190	282	341	198	294	357	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.35	39	67	289	193	287	348	178	264	320	186	276	335		
28	27.42	36	67	268	194	288	350	180	266	323	189	280	339		
31.5	31.62	32	67	232	185	274	333	170	252	306	179	266	323		
35.5	35.22	28	67	208	181	268	325	171	254	308	177	263	319		
40	40.62	25	67	181	173	256	311	163	242	293	169	251	305		
45	44.13	23	67	166	164	244	295	155	230	279	162	240	290		
50	50.89	20	67	144	158	234	283	148	219	266	155	230	278		
56	55.17	18	67	133	169	250	303	164	243	295	167	248	300		
63	63.62	16	67	115	161	239	290	157	232	281	160	237	287		
71	69.13	14	67	106	153	227	275	149	220	267	152	225	273		
80	79.71	12	67	92	147	218	264	142	211	256	146	216	262		
90	90.56	11	67	81	145	215	261	140	208	252	144	213	258		
100	103.17	10	67	71	140	207	251	136	201	244	139	206	249		
112	110.33	8.8	67	68	114	-	204	111	-	200	113	-	202		
125	127.22	7.8	67	59	110	-	197	107	-	193	108	-	195		
140	144.54	6.9	67	52	108	-	194	105	-	189	107	-	192		
160	160.52	6.2	67	46	104	-	187	102	-	183	103	-	185		
180	182.38	5.5	67	41	103	-	184	100	-	180	101	-	182		
200	199.27	5.0	67	37	98	-	175	95	-	171	97	-	174		
224	226.41	4.4	67	33	96	-	172	93	-	168	95	-	171		
250	253.77	3.9	67	29	93	-	166	92	-	165	92	-	166		
280	288.33	3.5	67	26	91	-	164	90	-	162	91	-	163		
315	315.04	3.2	67	24	87	-	156	86	-	154	86	-	155		
355	357.94	2.8	67	21	85	-	153	84	-	151	85	-	153		
400	407.78	2.5	67	18	81	-	146	80	-	144	81	-	145		
														4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes

W11 P - 1000 rpm

W11 - n1 = 1000 rpm														80 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.22	161	76	1320	356	527	584	*	*	406	351	520	576	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.19	139	80	1201	334	495	548	*	346	383	337	500	553		
8	7.76	129	80	1113	342	508	562	*	390	432	346	513	568		
9	8.97	111	80	962	320	474	524	*	365	404	329	487	539		
10	9.86	101	80	876	326	483	535	271	402	445	333	494	547		
11.2	11.41	88	80	757	304	451	499	253	374	414	315	467	517		
12.5	12.55	80	80	688	307	454	503	270	400	443	313	465	514		
14	14.52	69	80	595	287	426	471	252	373	413	296	439	486		
16	15.36	65	80	562	277	410	454	253	376	416	282	419	463		
18	17.77	56	80	486	262	388	429	239	354	391	268	397	440		
20	19.36	52	79	447	256	380	424	224	331	370	242	358	399	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.39	45	80	391	245	363	405	211	312	348	229	340	379		
25	24.64	41	80	356	244	362	403	211	312	348	232	343	383		
28	28.50	35	80	307	233	346	386	199	294	328	220	327	364		
31.5	31.38	32	80	279	235	349	389	212	314	350	227	337	376		
35.5	36.29	28	80	241	225	334	373	200	297	331	217	321	358		
40	38.41	26	80	228	216	320	357	193	286	319	209	309	345		
45	44.42	23	80	197	207	307	343	183	271	302	200	296	330		
50	49.46	20	80	177	209	310	346	198	294	328	206	305	340		
56	57.21	17	80	153	201	298	333	189	281	313	197	292	326		
63	60.55	17	80	145	192	285	318	182	269	300	189	281	313	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
71	70.03	14	80	125	185	275	306	174	258	287	182	270	301		
80	80.39	12	80	109	177	262	292	165	244	272	173	257	287		
90	92.39	11	80	95	174	258	288	164	244	272	171	254	283		
100	96.02	10	80	93	149	-	246	143	-	236	146	-	241		
112	111.06	9.0	80	80	144	-	237	137	-	226	140	-	232		
125	127.48	7.8	80	70	137	-	226	130	-	215	133	-	221		
140	139.07	7.2	80	64	135	-	223	129	-	213	132	-	218		
160	159.63	6.3	80	56	129	-	213	122	-	202	126	-	208		
180	175.08	5.7	80	51	123	-	203	117	-	193	121	-	199		
200	200.97	5.0	80	44	118	-	195	111	-	184	115	-	190		
224	219.24	4.6	80	41	120	-	199	118	-	194	119	-	197		
250	251.65	4.0	80	35	115	-	190	112	-	185	114	-	188		
280	276.02	3.6	80	32	110	-	182	107	-	177	109	-	180		
315	316.82	3.2	80	28	105	-	173	102	-	169	104	-	172		
355	364.11	2.8	80	24	101	-	168	98	-	162	100	-	166		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W12 P - 1000 rpm

W12 - n1 = 1000 rpm														92 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.00	143	86	1326	364	540	591	*	373	409	356	527	577	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.08	124	89	1190	342	507	555	*	352	386	343	508	556		
9	8.74	114	92	1136	352	522	571	*	400	438	354	524	574		
10	10.08	99	92	985	329	487	533	*	375	410	336	499	546		
11.2	11.11	90	92	894	335	497	544	279	413	452	342	508	556		
12.5	12.81	78	92	775	314	465	510	261	386	423	323	479	524		
14	14.14	71	92	702	315	467	511	279	413	452	322	477	523		
16	16.31	61	92	609	295	438	479	260	385	421	304	451	494		
18	17.31	58	92	574	285	423	463	261	387	424	290	430	471		
20	19.96	50	92	498	269	399	436	245	364	398	275	408	447		
22.4	21.81	46	90	452	263	391	433	227	337	374	247	366	406	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.15	40	92	401	248	368	408	214	318	352	233	345	383		
28	27.76	36	92	363	247	367	407	214	318	352	235	349	387		
31.5	32.01	31	92	315	236	350	388	202	299	332	224	331	367		
35.5	35.35	28	92	285	239	355	394	215	319	354	231	342	379		
40	40.77	25	92	247	228	338	375	204	302	335	220	326	361		
45	43.27	23	92	233	219	324	360	196	290	322	212	314	348		
50	49.90	20	92	202	210	311	345	186	276	306	202	300	333		
56	55.73	18	92	181	212	314	349	201	298	330	209	309	343		
63	64.27	16	92	157	204	302	335	192	284	315	200	296	328		
71	68.22	15	92	148	195	289	321	184	273	303	192	285	316		
80	78.67	13	92	128	188	279	309	176	261	290	185	274	303		
90	90.30	11	92	112	179	265	294	167	248	275	176	260	289		
100	103.78	10	92	97	176	261	290	167	247	274	174	257	286		
112	108.19	8.9	92	95	151	-	248	145	-	239	148	-	243	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	124.75	8.0	92	82	145	-	239	139	-	228	142	-	234		
140	143.20	7.0	92	72	139	-	228	132	-	217	135	-	222		
160	156.21	6.4	92	66	137	-	225	131	-	215	134	-	220		
180	179.31	5.6	92	57	131	-	215	124	-	204	128	-	210		
200	196.67	5.1	92	52	125	-	205	119	-	195	122	-	201		
224	225.75	4.4	92	45	119	-	196	113	-	186	117	-	192		
250	246.26	4.1	92	42	122	-	201	119	-	196	121	-	199		
280	282.68	3.5	92	36	116	-	191	114	-	187	115	-	190		
315	310.04	3.2	92	33	111	-	183	109	-	178	110	-	181		
355	355.89	2.8	92	29	106	-	175	104	-	170	105	-	173		
400	409.00	2.5	92	25	103	-	169	100	-	164	102	-	167		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W13 P - 1000 rpm

W13 - n1 = 1000 rpm														115 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.29	159	103	1769	455	674	767	*	*	479	*	670	762	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.27	138	115	1707	424	629	715	*	*	449	*	647	736		
8	7.75	129	115	1602	442	655	745	*	457	520	454	673	765		
9	8.96	112	115	1385	411	609	693	*	428	486	432	640	728		
10	9.86	101	115	1259	413	612	696	*	475	541	429	635	723		
11.2	11.41	88	115	1088	386	572	650	297	440	500	407	603	686		
12.5	12.43	80	115	999	393	582	662	327	484	550	409	607	690		
14	14.37	70	115	864	368	546	621	303	450	511	387	574	653		
16	15.56	64	115	798	372	552	627	327	484	550	385	571	649		
18	18.00	56	115	690	349	517	588	304	451	513	364	539	614		
20	19.36	52	101	572	346	512	583	269	399	454	309	459	521	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.39	45	115	563	324	480	545	255	378	430	292	432	492		
25	24.39	41	115	516	323	478	544	258	383	436	297	441	501		
28	28.21	35	115	446	308	456	519	242	359	408	281	417	475		
31.5	31.31	32	115	402	309	459	522	265	393	448	295	437	497		
35.5	36.22	28	115	348	298	442	503	249	370	420	280	415	472		
40	39.21	26	115	321	297	440	500	248	367	417	281	416	473		
45	45.35	22	115	278	283	420	477	232	345	392	267	395	449		
50	48.92	20	115	257	278	412	469	255	377	429	270	401	456		
56	56.59	18	115	223	266	394	449	242	359	408	258	383	436		
63	61.26	16	115	206	265	392	446	240	355	404	258	382	434		
71	70.86	14	115	178	254	377	428	228	338	384	246	365	415		
80	79.84	12	115	158	242	359	409	216	320	364	235	348	396		
90	90.72	11	115	139	239	355	403	219	324	368	233	346	394		
100	98.87	10	115	130	200	-	338	187	-	315	194	-	326	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	114.36	8.7	115	112	192	-	325	178	-	300	185	-	312		
125	128.86	7.8	115	99	184	-	310	170	-	286	177	-	298		
140	142.63	7.0	115	90	181	-	305	167	-	281	174	-	294		
160	160.71	6.2	115	80	173	-	292	159	-	267	166	-	281		
180	178.69	5.6	115	72	165	-	277	151	-	255	159	-	268		
200	201.35	4.9	115	64	158	-	266	144	-	243	152	-	256		
224	223.41	4.5	115	57	161	-	272	155	-	262	159	-	268		
250	251.73	4.0	115	51	154	-	260	148	-	250	152	-	256		
280	279.90	3.6	115	46	147	-	248	141	-	237	145	-	244		
315	315.38	3.2	115	41	141	-	237	135	-	227	138	-	233		
355	358.33	2.8	115	36	136	-	229	130	-	219	134	-	225		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W14 P - 1000 rpm

W14 - n1 = 1000 rpm														132 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.08	141	116	1768	458	679	766	*	*	477	*	667	752	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.17	122	132	1745	433	641	724	*	*	452	*	652	735		
9	8.73	115	132	1632	449	665	750	*	463	522	457	677	763		
10	10.07	99	132	1415	421	624	704	*	436	492	439	650	734		
11.2	11.11	90	132	1282	419	622	701	*	483	545	434	643	725		
12.5	12.81	78	132	1112	395	585	660	304	451	509	415	615	693		
14	14.00	71	132	1018	401	594	670	333	494	557	416	616	695		
16	16.14	62	132	883	377	559	631	311	461	520	396	587	662		
18	17.53	57	132	813	380	563	635	333	494	557	392	581	655		
20	20.22	49	132	705	358	531	599	312	463	522	373	552	623		
22.4	21.81	46	115	578	322	477	553	262	389	450	294	435	504	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.15	40	132	575	308	457	529	247	366	424	279	414	480		
28	27.48	36	132	526	307	455	528	247	367	425	284	421	488		
31.5	31.69	32	132	456	295	437	506	233	345	400	270	401	464		
35.5	35.28	28	132	410	298	442	512	254	376	436	282	418	484		
40	40.68	25	132	355	286	423	491	240	356	412	269	399	462		
45	44.18	23	132	327	283	419	485	237	351	407	268	397	460		
50	50.94	20	132	284	271	402	466	224	331	384	256	379	440		
56	55.13	18	132	262	265	393	455	243	361	418	258	382	443		
63	63.57	16	132	227	256	379	439	232	344	399	248	368	426		
71	69.03	14	132	209	253	375	435	230	340	394	246	365	423		
80	79.60	13	132	182	244	362	419	219	324	376	236	350	406		
90	89.69	11	132	161	233	345	400	208	308	357	225	334	387		
100	101.90	9.8	132	142	230	340	394	210	311	361	224	332	385		
112	111.40	8.9	132	132	192	-	329	179	-	307	185	-	318	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	128.46	7.8	132	114	185	-	317	171	-	294	178	-	305		
140	144.75	6.9	132	102	177	-	303	163	-	280	170	-	291		
160	160.22	6.2	132	92	174	-	298	160	-	275	167	-	288		
180	180.52	5.5	132	81	166	-	285	152	-	262	160	-	275		
200	200.72	5.0	132	73	158	-	271	145	-	249	153	-	262		
224	226.17	4.4	132	65	151	-	260	138	-	237	146	-	251		
250	250.96	4.0	132	59	155	-	266	149	-	256	152	-	262		
280	282.77	3.5	132	52	148	-	254	142	-	244	146	-	250		
315	314.41	3.2	132	47	141	-	242	135	-	232	139	-	239		
355	354.27	2.8	132	42	135	-	232	129	-	222	133	-	228		
400	402.51	2.5	132	37	131	-	224	124	-	214	128	-	221		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W15 P - 1000 rpm

W15 - n1 = 1000 rpm														158 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.21	161	124	2155	*	700	756	*	*	*	*	688	743	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
7.1	7.25	138	137	2040	*	659	712	*	*	*	*	678	733		
8	8.03	124	137	1841	*	689	745	*	*	*	*	714	771		
9	9.38	107	141	1623	*	640	692	*	*	453	461	684	739		
10	9.85	101	141	1545	456	677	731	*	489	528	480	712	769		
11.2	11.50	87	152	1427	425	629	680	*	458	495	454	673	727		
12.5	12.41	81	152	1322	435	645	697	*	516	557	458	679	734		
14	14.49	69	158	1177	405	600	648	325	481	520	430	638	689		
16	15.53	64	158	1098	398	590	637	344	510	551	414	613	662		
18	18.13	55	158	941	372	552	596	320	475	513	390	578	625		
20	19.34	52	128	725	374	555	610	301	446	490	334	495	543	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
22.4	22.57	44	141	684	350	518	570	282	419	460	314	465	511		
25	24.37	41	153	688	349	517	568	289	429	472	322	477	525		
28	28.44	35	158	608	330	489	537	271	402	442	303	450	494		
31.5	31.29	32	158	553	336	497	546	295	438	481	319	473	520		
35.5	36.51	27	158	474	320	474	521	278	412	452	302	448	492		
40	39.14	26	158	442	309	458	503	270	400	440	295	437	480		
45	45.69	22	158	379	295	437	480	254	377	414	280	415	456		
50	48.88	20	158	354	298	442	486	279	414	455	291	432	475		
56	57.05	17	158	303	285	423	465	264	392	431	278	412	452		
63	61.16	16	158	283	276	409	449	256	380	417	269	399	439		
71	71.38	14	158	242	264	391	430	243	361	396	257	382	419		
80	80.50	12	158	215	257	381	418	235	349	384	250	371	408		
90	91.46	11	158	189	253	376	413	237	351	386	248	368	405		
100	98.71	9.9	158	178	213	-	347	202	-	329	207	-	338	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
112	115.21	8.7	158	153	204	-	333	193	-	315	198	-	323		
125	129.92	7.7	158	135	199	-	324	187	-	304	193	-	314		
140	143.68	7.0	158	122	193	-	314	181	-	295	187	-	305		
160	162.03	6.2	158	109	187	-	305	175	-	286	182	-	296		
180	180.01	5.5	158	98	176	-	286	165	-	269	171	-	279		
200	203.00	4.9	158	87	171	-	278	160	-	260	166	-	271		
224	225.06	4.4	158	78	172	-	281	168	-	273	170	-	277		
250	253.80	3.9	158	69	168	-	273	162	-	264	165	-	269		
280	281.97	3.5	158	62	157	-	256	153	-	248	156	-	253		
315	317.98	3.1	158	55	153	-	249	148	-	241	151	-	246		
355	361.27	2.8	158	49	148	-	241	143	-	233	146	-	239		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Parallel Gearboxes W16 P - 1000 rpm

W16 - n1 = 1000 rpm														178 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5			Mounting position - P4				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	6.95	144	138	2143	*	700	751	*	*	*	*	674	723	2	(P1) 122 - 123 (P5) 138 - 139 (P4) 150 - 151
8	8.09	124	154	2055	*	662	710	*	*	*	*	673	722		
9	8.99	111	154	1849	*	695	745	*	*	*	*	712	764		
10	10.46	96	158	1630	*	646	693	*	*	453	461	684	734		
11.2	11.03	91	158	1546	462	684	734	*	493	529	482	714	766		
12.5	12.83	78	170	1430	428	634	681	*	464	498	456	676	725		
14	13.90	72	170	1321	442	655	703	*	521	559	462	685	735		
16	16.17	62	178	1188	410	607	651	328	486	522	434	643	690		
18	17.39	58	178	1105	403	597	641	348	515	553	418	620	665		
20	20.23	49	178	950	377	559	600	325	481	516	394	584	626		
22.4	21.65	46	140	708	380	563	614	304	450	491	338	501	546	3	(P1) 124 - 125 (P5) 140 - 141 (P4) 152 - 153
25	25.19	40	158	687	354	524	572	286	424	463	317	470	513		
28	27.28	37	172	691	353	523	570	294	435	475	326	483	528		
31.5	31.74	32	178	614	333	493	538	275	407	444	307	455	496		
35.5	35.02	29	178	557	340	504	551	299	443	484	323	479	523		
40	40.75	25	178	478	323	478	522	281	416	454	305	453	494		
45	43.82	23	178	445	312	463	506	273	405	442	299	443	483		
50	50.98	20	178	382	297	441	481	257	381	416	283	420	458		
56	54.72	18	178	356	302	448	489	283	419	457	295	437	477		
63	63.67	16	178	306	290	430	470	269	399	435	283	419	457		
71	68.46	15	178	285	279	414	452	260	385	420	273	404	441		
80	79.66	13	178	245	268	398	434	248	367	401	262	388	424		
90	89.83	11	178	217	261	387	423	240	355	388	255	378	412		
100	102.07	9.8	178	191	256	380	415	240	355	388	251	372	406		
112	110.49	8.9	178	179	216	-	349	205	-	332	210	-	340	4	(P1) 126 - 127 (P5) 142 - 143 (P4) 154 - 155
125	128.57	7.8	178	154	207	-	335	196	-	316	201	-	325		
140	144.98	6.9	178	137	201	-	326	189	-	306	195	-	316		
160	160.34	6.2	178	124	195	-	315	184	-	297	190	-	307		
180	180.82	5.5	178	110	190	-	307	178	-	288	184	-	298		
200	200.88	5.0	178	99	178	-	288	167	-	270	173	-	281		
224	226.54	4.4	178	88	173	-	280	162	-	262	168	-	273		
250	251.16	4.0	178	79	174	-	282	170	-	275	172	-	279		
280	283.23	3.5	178	70	170	-	275	164	-	266	168	-	271		
315	314.66	3.2	178	63	159	-	258	155	-	250	158	-	255		
355	354.84	2.8	178	56	155	-	251	150	-	243	153	-	248		
400	403.16	2.5	178	49	150	-	243	145	-	235	148	-	240		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Selection Tables

Right Angle Gearbox W05 R/T - 1800 rpm

W05 - n1 = 1800 rpm														22 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.26	287	19	589 ¹⁾	*	161	156	*	*	*	*	157	152	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.25	248	19.5	523 ¹⁾	*	157	152	*	138	*	*	154	149		
8	7.64	236	19.5	496	*	206	200	*	172	167	*	204	198		
9	8.84	204	19.5	429	*	201	194	*	165	160	*	199	193		
10	9.71	185	19.5	390	*	180	174	*	163	158	*	179	173		
11.2	11.23	160	19.5	337	*	175	169	*	157	152	*	174	168		
12.5	12.19	148	19.5	311	*	156	151	*	147	143	*	156	151		
14	14.10	128	22	303	*	151	146	*	143	138	*	151	146		
16	16.03	112	19.2	236	81	179	173	72	160	155	80	178	172		
18	18.54	97	22	234	77	171	166	69	154	149	77	171	165		
20	20.22	89	22	215	78	172	167	71	157	152	78	173	167		
22.4	23.39	77	22	185	75	167	162	68	150	145	76	167	162		
25	25.10	72	22	173	78	172	167	71	157	152	78	172	167		
28	29.04	62	22	149	75	166	161	68	150	145	75	167	161		
31.5	30.89	58	22	140	63	140	136	61	136	132	63	140	136		
35.5	35.73	50	22	121	62	137	133	60	132	128	62	137	133		
40	38.35	47	22	113	62	136	132	59	132	127	62	136	132		
45	44.36	41	22	98	60	133	128	58	127	123	60	133	129		
50	48.16	37	22	90	54	120	116	53	117	113	54	120	116		
56	55.70	32	22	78	53	117	113	51	114	110	53	117	113		
63	63.46	28	22	68	54	120	116	53	117	113	54	120	116		
71	70.45	26	22	62	50	110	107	49	108	105	50	111	107		
80	80.26	22	22	54	48	107	104	47	105	102	48	107	104		
90	91.07	20	22	48	47	-	101	46	-	98	47	-	101	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	103.75	17	22	43	46	-	98	44	-	95	46	-	98		
112	113.13	16	22	39	45	-	97	44	-	93	45	-	97		
125	128.88	14	22	34	44	-	94	42	-	90	44	-	94		
140	141.15	13	22	31	34	-	73	34	-	73	34	-	73		
160	160.80	11.2	22	27	33	-	71	33	-	71	33	-	71		
180	175.33	10.3	22	25	33	-	70	33	-	70	33	-	70		
200	199.75	9.0	22	22	32	-	68	32	-	68	32	-	69		
224	220.16	8.2	22	20	30	-	64	30	-	64	30	-	64		
250	250.82	7.2	22	18	29	-	63	29	-	62	29	-	63		
280	283.90	6.3	22	16	27	-	59	27	-	58	27	-	59		
315	317.21	5.7	22	14	28	-	59	28	-	59	28	-	59		
355	359.05	5.0	22	12	27	-	58	27	-	57	27	-	58		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W06 R/T - 1800 rpm

W06 - n1 = 1800 rpm														28 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.85	229	24	594 ¹⁾	*	181	165	*	156	*	*	174	159	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
9	9.03	199	24.5	527	*	176	161	*	153	140	*	171	156		
10	9.58	188	24.5	497	*	234	213	*	192	175	*	228	208		
11.2	11.02	163	24.5	432	*	225	205	*	184	168	*	222	203		
12.5	12.17	148	24.5	391	*	203	185	*	182	166	*	200	183		
14	14.00	129	24.5	340	*	196	179	*	176	160	*	195	178		
16	15.28	118	24.5	312	*	176	160	*	165	151	*	175	159		
18	17.58	102	28	309	*	169	154	*	160	146	*	169	154		
20	20.09	90	24	236	87	192	180	77	171	160	86	191	178	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163
22.4	23.11	78	27	230	83	183	172	74	165	154	83	183	171		
25	25.35	71	28	218	83	185	173	76	168	157	83	185	173		
28	29.16	62	28	189	81	179	167	73	161	151	81	179	167		
31.5	31.47	57	28	175	83	185	173	76	168	157	83	185	173		
35.5	36.19	50	28	153	80	178	166	73	161	151	80	178	167		
40	38.73	46	28	143	68	150	141	66	146	136	68	150	141		
45	44.55	40	28	124	66	146	137	64	141	132	66	147	137		
50	48.08	37	28	115	66	146	137	64	141	132	66	146	137		
56	55.30	33	28	100	64	142	133	62	136	128	64	142	133		
63	60.37	30	28	91	58	128	120	57	125	117	58	128	120		
71	69.44	26	28	79	56	125	117	55	122	114	57	125	117		
80	79.11	23	28	70	55	121	114	54	119	112	55	122	114		
90	87.82	20	28	63	53	118	111	52	116	109	53	118	111		
100	100.05	18	28	55	52	115	107	51	112	105	52	115	107		
112	113.53	16	28	49	51	-	105	49	-	101	51	-	105		
125	129.34	14	28	43	49	-	102	47	-	98	49	-	102		
140	141.02	13	28	40	48	-	100	47	-	97	48	-	100		
160	160.66	11	28	35	47	-	97	45	-	93	47	-	97		
180	175.95	10	28	32	36	-	76	36	-	75	36	-	76		
200	200.45	9.0	28	28	36	-	74	35	-	73	36	-	74		
224	218.57	8.2	28	26	35	-	73	35	-	72	35	-	73		
250	249.00	7.2	28	23	34	-	71	34	-	70	34	-	71		
280	274.45	6.6	28	20	31	-	64	31	-	64	31	-	64		
315	312.66	5.8	28	18	30	-	62	30	-	62	30	-	62		
355	353.90	5.1	28	16	29	-	61	29	-	60	29	-	61		
400	395.43	4.6	28	14	30	-	61	29	-	61	30	-	61		
450	447.58	4.0	28	13	29	-	60	29	-	59	29	-	60		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W07 R/T - 1800 rpm

W07 - n1 = 1800 rpm														36 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	283	28	856 ¹⁾	*	357	282	*	251	*	*	336	266	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	245	30	793 ¹⁾	*	342	270	*	245	*	*	330	260		
8	7.64	236	30	763 ¹⁾	*	325	257	*	248	*	*	316	250		
9	8.84	204	31	681 ¹⁾	*	313	248	*	237	187	*	309	244		
10	9.71	185	31	620	*	285	225	*	240	190	*	282	223		
11.2	11.23	160	31	536	*	276	218	*	231	183	*	275	217		
12.5	12.19	148	31	494	*	250	197	*	223	176	*	248	196		
14	14.10	128	36	496	*	240	190	*	217	171	*	240	190		
16	15.89	113	31	385	124	275	221	103	227	182	124	275	221		
18	18.38	98	35	376	119	264	212	99	220	176	119	264	212		
20	19.89	90	36	357	119	263	211	101	224	179	120	265	213		
22.4	23.01	78	36	308	114	252	203	97	214	172	115	255	204		
25	25.05	72	36	283	91	201	162	85	189	151	91	202	162		
28	28.97	62	36	245	89	197	158	83	183	147	89	197	158		
31.5	30.39	59	36	234	98	216	173	92	204	163	98	217	174		
35.5	35.16	51	36	202	95	210	169	89	197	158	95	211	169		
40	38.27	47	36	185	92	204	164	86	191	153	93	205	165		
45	44.26	41	36	160	90	198	159	83	185	148	90	200	160		
50	48.05	37	36	148	79	175	141	76	169	136	79	176	141		
56	55.58	32	36	128	77	171	137	74	165	132	78	172	138		
63	63.88	28	36	111	75	166	133	73	162	130	75	166	133		
71	70.29	26	36	101	73	162	130	71	158	126	73	162	130		
80	80.78	22	36	88	72	160	128	70	155	125	72	160	129		
90	90.87	20	36	79	71	-	127	68	-	121	72	-	127	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	104.43	17	36	69	70	-	125	67	-	118	71	-	126		
112	112.56	16	36	64	68	-	121	65	-	115	68	-	122		
125	129.36	14	36	56	67	-	119	63	-	112	67	-	120		
140	140.84	13	36	51	59	-	104	58	-	103	59	-	104		
160	161.86	11.1	36	45	58	-	103	57	-	101	58	-	103		
180	174.45	10.3	36	41	56	-	100	55	-	98	56	-	100		
200	200.48	9.0	36	36	55	-	99	54	-	97	56	-	99		
224	219.05	8.2	36	33	44	-	77	43	-	77	44	-	78		
250	251.74	7.2	36	29	43	-	77	43	-	76	43	-	77		
280	287.44	6.3	36	25	42	-	75	42	-	75	42	-	75		
315	318.38	5.7	36	23	39	-	69	39	-	68	39	-	69		
355	363.52	5.0	36	20	38	-	68	38	-	67	38	-	68		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W08 R/T - 1800 rpm

W08 - n1 = 1800 rpm														46 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.97	226	35	854 ¹⁾	*	372	287	*	255	*	*	341	264	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
9	9.16	196	38	806 ¹⁾	*	357	276	*	251	*	*	337	261		
10	9.58	188	38	771 ¹⁾	*	340	263	*	256	*	*	326	252		
11.2	11.02	163	39	688 ¹⁾	*	328	254	*	246	190	*	319	247		
12.5	12.17	148	39	623	*	299	232	*	250	193	*	293	227		
14	14.00	129	39	541	*	290	224	*	241	186	*	286	221		
16	15.28	118	39	496	*	262	203	*	233	180	*	260	201		
18	17.58	102	45	497	*	252	195	*	226	175	*	251	194		
20	19.92	90	38	376	129	285	224	108	240	189	128	284	223		
22.4	22.91	79	43	370	123	273	215	104	230	182	123	273	215		
25	24.94	72	46	364	123	273	215	106	235	185	124	274	216		
28	28.68	63	46	316	119	263	208	101	224	176	120	265	209		
31.5	31.40	57	46	289	95	210	166	89	197	155	95	210	166		
35.5	36.11	50	46	251	93	205	162	86	191	150	93	205	162		
40	38.10	47	46	238	102	225	178	96	212	167	102	226	178		
45	43.83	41	46	207	99	219	173	93	205	162	99	220	173		
50	47.97	38	46	189	96	213	168	90	200	157	97	214	169		
56	55.18	33	46	164	93	207	163	87	193	152	94	208	164		
63	60.23	30	46	151	83	183	144	80	177	139	83	183	145		
71	69.28	26	46	131	81	178	141	78	172	135	81	179	141		
80	79.63	23	46	114	78	173	136	76	169	133	78	173	136		
90	87.62	21	46	104	76	168	133	74	164	129	76	169	133		
100	100.70	18	46	92	75	166	131	73	162	128	75	167	132		
112	113.28	16	46	81	75	-	130	71	-	124	75	-	130		
125	130.18	14	46	71	74	-	128	69	-	121	74	-	129		
140	140.31	13	46	66	71	-	124	67	-	118	71	-	124		
160	161.25	11	46	57	70	-	122	66	-	115	70	-	123		
180	175.56	10	46	53	61	-	107	60	-	105	61	-	107		
200	201.76	8.9	46	46	60	-	106	59	-	104	61	-	106		
224	217.46	8.3	46	42	59	-	102	58	-	101	59	-	102		
250	249.92	7.2	46	37	58	-	101	57	-	99	58	-	101		
280	273.06	6.6	46	34	45	-	79	45	-	79	46	-	79		
315	313.82	5.7	46	29	45	-	78	45	-	78	45	-	78		
355	358.31	5.0	46	26	44	-	77	44	-	77	44	-	77		
400	396.89	4.5	46	23	40	-	70	40	-	70	40	-	71		
450	453.16	4.0	46	20	40	-	69	40	-	69	40	-	69		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W09 R/T - 1800 rpm

W09 - n1 = 1800 rpm														58.5 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	283	43.5	1330 ¹⁾	*	398	*	*	*	*	*	364	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	245	50	1322 ¹⁾	*	382	*	*	*	*	*	361	*		
8	7.64	236	50	1271 ¹⁾	*	366	*	*	*	*	*	351	*		
9	8.84	204	53	1165 ¹⁾	*	354	*	*	*	*	*	344	*		
10	9.71	185	53	1061	*	322	*	*	*	*	*	315	*		
11.2	11.23	160	56	969	*	311	253	*	254	*	*	308	250		
12.5	12.19	148	56	893	*	269	219	*	238	*	*	267	217		
14	14.10	128	58.5	806	*	262	213	*	231	*	*	261	212		
16	15.79	114	50	624 ¹⁾	*	236	194	*	206	169	*	234	192	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163
18	18.26	99	57	615 ¹⁾	*	229	188	*	201	165	*	228	187		
20	19.69	91	58.5	586 ¹⁾	*	229	188	*	205	168	*	229	188		
22.4	22.77	79	58.5	506 ¹⁾	*	224	184	*	198	163	*	224	184		
25	24.67	73	58.5	468 ¹⁾	125	277	228	*	240	197	127	281	230		
28	28.53	63	58.5	404 ¹⁾	121	269	221	*	229	188	123	273	224		
31.5	30.52	59	58.5	378	112	248	203	103	229	188	113	250	205		
35.5	35.30	51	58.5	327	109	241	198	100	221	181	110	243	200		
40	38.23	47	58.5	302	106	234	192	97	214	176	107	236	194		
45	44.22	41	58.5	261	103	228	187	93	207	169	104	230	189		
50	48.01	37	58.5	240	95	209	172	90	199	163	95	211	173		
56	55.53	32	58.5	208	92	204	168	87	193	158	93	206	169		
63	63.09	29	58.5	183	89	197	161	86	190	156	89	198	162		
71	70.23	26	58.5	164	87	192	157	84	185	152	87	193	158		
80	79.79	23	58.5	145	86	189	155	82	182	149	86	191	156		
90	90.78	20	58.5	129	84	-	153	78	-	142	85	-	154	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	103.15	17	58.5	114	83	-	151	77	-	139	83	-	152		
112	112.70	16	58.5	104	81	-	148	75	-	136	82	-	148		
125	128.05	14	58.5	92	80	-	146	73	-	133	80	-	146		
140	140.70	13	58.5	83	68	-	124	67	-	121	68	-	124		
160	159.86	11.3	58.5	73	67	-	123	66	-	119	67	-	123		
180	174.67	10.3	58.5	67	66	-	120	64	-	117	66	-	120		
200	198.46	9.1	58.5	59	65	-	118	63	-	115	65	-	118		
224	219.33	8.2	58.5	53	56	-	102	56	-	101	56	-	102		
250	249.20	7.2	58.5	47	56	-	101	55	-	100	56	-	101		
280	283.90	6.3	58.5	41	54	-	98	53	-	97	54	-	98		
315	315.17	5.7	58.5	37	49	-	90	49	-	89	49	-	90		
355	359.05	5.0	58.5	33	48	-	87	48	-	87	48	-	87		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W10 R/T - 1800 rpm

W10 - n1 = 1800 rpm														67 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.16	251	49	1330 ¹⁾	*	409	*	*	*	*	*	368	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	218	56	1318 ¹⁾	*	393	*	*	*	*	*	367	*		
9	8.61	209	56	1264 ¹⁾	*	378	*	*	*	*	*	358	*		
10	9.93	181	60	1174 ¹⁾	*	365	*	*	*	*	*	351	*		
11.2	10.94	165	60	1066	*	332	*	*	*	*	*	324	*		
12.5	12.62	143	63	970	*	321	257	*	261	*	*	316	*		
14	13.74	131	63	891	*	278	223	*	245	*	*	275	*		
16	15.84	114	67	822	*	270	217	*	238	*	*	269	215		
18	17.79	101	56	621 ¹⁾	*	228	185	*	198	161	*	230	187		
20	20.51	88	64	615 ¹⁾	*	221	179	*	193	157	*	223	181		
22.4	22.18	81	67	595 ¹⁾	*	238	193	*	213	173	*	236	192		
25	25.58	70	67	516 ¹⁾	*	233	189	*	207	168	*	231	188		
28	27.79	65	67	475 ¹⁾	129	285	231	*	246	200	130	288	234		
31.5	32.05	56	67	412 ¹⁾	125	276	224	106	235	191	126	280	227		
35.5	34.38	52	67	384	115	254	207	106	235	191	116	256	208		
40	39.65	45	67	333	112	248	201	102	227	184	113	250	203		
45	43.08	42	67	307	109	240	195	100	220	179	110	243	197		
50	49.67	36	67	266	105	234	190	96	212	172	107	236	192		
56	54.09	33	67	244	97	215	174	92	204	166	98	216	175		
63	62.37	29	67	212	95	210	170	89	198	160	95	211	171		
71	70.87	25	67	186	91	202	164	88	196	159	92	203	165		
80	78.88	23	67	167	89	197	160	86	190	154	89	198	161		
90	89.63	20	67	147	88	194	158	84	187	152	88	195	159		
100	101.98	18	67	132	87	-	156	80	-	144	87	-	156		
112	115.86	16	67	116	85	-	154	79	-	141	86	-	154		
125	126.60	14	67	106	83	-	150	77	-	139	84	-	150		
140	143.84	13	67	93	82	-	148	75	-	135	82	-	148		
160	158.05	11	67	85	70	-	126	68	-	123	70	-	126		
180	179.57	10.0	67	75	69	-	124	67	-	121	69	-	124		
200	196.21	9.2	67	68	68	-	121	66	-	119	68	-	122		
224	222.93	8.1	67	60	67	-	120	65	-	117	67	-	120		
250	246.38	7.3	67	55	58	-	104	57	-	103	58	-	104		
280	279.93	6.4	67	48	57	-	103	56	-	101	57	-	103		
315	318.90	5.6	67	42	56	-	100	55	-	98	56	-	100		
355	354.02	5.1	67	38	51	-	91	50	-	90	51	-	91		
400	403.32	4.5	67	33	49	-	89	49	-	88	49	-	89		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W11 R/T - 1800 rpm

W11 - n1 = 1800 rpm ¹⁾														80 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
6.3	6.35	236	58.5	1491 ²⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	204	67	1476 ²⁾	*	*	*	*	*	*	*	*	*	*		
8	7.64	196	67	1420 ²⁾	*	*	*	*	*	*	*	*	*	*		
9	8.84	170	68	1246 ²⁾	*	*	*	*	*	*	*	*	*	*		
10	9.71	154	68	1134	*	*	*	*	*	*	*	*	*	*		
11.2	11.23	134	70	1009	*	*	*	*	*	*	*	*	*	*		
12.5	12.19	123	70	930	*	*	*	*	*	*	*	*	*	*		
14	14.10	106	80	919	*	*	*	*	*	*	*	*	*	*		
16	15.89	113	70	869	*	386	288	*	287	*	*	389	290	3		
18	18.38	98	78	837	*	371	277	*	280	*	*	376	280			
20	20.22	89	80	780	*	371	277	*	285	213	*	380	284			
22.4	23.39	77	80	674	*	358	267	*	268	200	*	368	275			
25	24.75	73	80	637	*	347	259	*	278	208	*	357	266			
28	28.63	63	80	551	152	336	251	*	264	197	157	347	259			
31.5	30.89	58	80	511	143	316	236	*	273	204	145	322	240			
35.5	35.73	50	80	441	138	307	229	118	261	195	142	314	234			
40	37.82	48	80	417	135	299	223	116	256	191	139	307	229			
45	43.74	41	80	361	131	290	217	110	244	182	135	299	223			
50	47.48	38	80	332	122	271	202	110	243	181	125	276	206			
56	54.92	33	80	287	119	263	197	105	233	174	122	269	201			
63	63.05	29	80	250	115	254	190	109	240	179	116	257	192			
71	69.46	26	80	227	112	248	185	105	232	174	113	251	187			
80	79.73	23	80	198	108	240	179	101	224	167	110	243	181			
90	88.35	20	80	182	107	-	176	93	-	154	107	-	177	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	
100	101.41	18	80	158	103	-	170	89	-	147	104	-	171			
112	111.23	16	80	144	101	-	167	88	-	145	102	-	168			
125	127.68	14	80	126	97	-	161	84	-	138	98	-	163			
140	136.93	13	80	117	86	-	143	83	-	137	86	-	143			
160	157.17	11.5	80	102	84	-	138	80	-	132	84	-	138			
180	172.39	10.4	80	93	82	-	136	79	-	130	82	-	136			
200	197.88	9.1	80	81	79	-	131	76	-	125	80	-	132			
224	216.47	8.3	80	74	69	-	113	67	-	111	69	-	114			
250	248.47	7.2	80	65	67	-	110	65	-	107	67	-	110			
280	285.56	6.3	80	56	65	-	108	64	-	105	65	-	108			
315	314.25	5.7	80	51	61	-	101	60	-	99	61	-	101			
355	361.15	5.0	80	44	60	-	99	59	-	97	60	-	99			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1500 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W12 R/T - 1800 rpm

W12 - n1 = 1800 rpm ¹⁾														92 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.16	209	66	1493 ²⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	182	75	1471 ²⁾	*	*	*	*	*	*	*	*	*	*		
9	8.61	174	75	1410 ²⁾	*	*	*	*	*	*	*	*	*	*		
10	9.93	151	76	1239 ²⁾	*	*	*	*	*	*	*	*	*	*		
11.2	10.94	137	76	1125 ²⁾	*	*	*	*	*	*	*	*	*	*		
12.5	12.62	119	78	1001	*	*	*	*	*	*	*	*	*	*		
14	13.74	109	78	919	*	*	*	*	*	*	*	*	*	*		
16	15.84	95	90	920	*	*	*	*	*	*	*	*	*	*		
18	17.90	101	78	859	*	392	291	*	290	*	*	394	293	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163	
20	20.64	87	88	840	*	377	280	*	283	*	*	381	283			
22.4	22.78	79	92	796	*	377	280	*	290	215	*	385	286			
25	26.27	69	92	690	*	364	270	*	274	203	*	373	277			
28	27.89	65	92	650	*	352	262	*	284	211	*	362	269			
31.5	32.16	56	92	564	154	341	253	*	269	199	159	352	261			
35.5	34.81	52	92	521	145	320	238	*	278	206	148	327	243			
40	40.14	45	92	452	141	311	231	120	266	197	144	318	236			
45	42.61	42	92	426	137	304	226	118	260	193	141	312	231			
50	49.13	37	92	369	133	295	219	112	248	184	137	303	225			
56	53.50	34	92	339	124	275	204	112	247	183	126	280	208			
63	61.70	29	92	294	121	267	198	107	237	176	123	273	203			
71	70.82	25	92	256	117	258	192	110	244	181	118	261	194			
80	78.03	23	92	232	114	252	187	107	236	175	115	254	189			
90	89.56	20	92	203	110	243	180	103	227	169	111	246	183			
100	99.24	18	92	186	108	-	178	95	-	156	109	-	179			4
112	113.91	16	92	162	104	-	172	90	-	149	105	-	173			
125	124.94	14	92	148	103	-	169	89	-	147	103	-	170			
140	143.42	13	92	129	99	-	163	85	-	140	100	-	164			
160	153.81	12	92	120	87	-	144	84	-	138	88	-	144			
180	176.55	10.2	92	104	85	-	139	81	-	133	85	-	140			
200	193.64	9.3	92	95	83	-	137	80	-	131	83	-	137			
224	222.28	8.1	92	83	81	-	133	77	-	126	81	-	133			
250	243.16	7.4	92	76	70	-	114	68	-	112	70	-	115			
280	279.11	6.4	92	66	68	-	111	66	-	108	68	-	111			
315	320.76	5.6	92	58	66	-	109	65	-	106	66	-	109			
355	352.99	5.1	92	52	62	-	102	61	-	100	62	-	102			
400	405.67	4.4	92	45	61	-	100	60	-	98	61	-	100			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1500 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W13 R/T - 1800 rpm

W13 - n1 = 1800 rpm ¹⁾														115 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
6.3	6.35	189	89	1814 ²⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	163	103	1815 ²⁾	*	*	*	*	*	*	*	*	*	*		
8	7.64	157	106	1797 ²⁾	*	*	*	*	*	*	*	*	*	*		
9	8.84	136	110	1612 ²⁾	*	*	*	*	*	*	*	*	*	*		
10	9.71	124	110	1468	*	*	*	*	*	*	*	*	*	*		
11.2	11.23	107	112	1292	*	*	*	*	*	*	*	*	*	*		
12.5	12.19	98	112	1190	*	*	*	*	*	*	*	*	*	*		
14	14.10	85	115	1056	*	*	*	*	*	*	*	*	*	*		
16	16.09	112	112	1372	*	476	362	*	*	*	*	483	368	3		
18	18.61	97	115	1218	*	458	349	*	325	*	*	468	357			
20	20.27	89	115	1118	*	461	351	*	332	*	*	478	364			
22.4	23.45	77	115	967	*	442	337	*	310	*	*	462	352			
25	24.45	74	115	927	*	435	331	*	324	247	*	455	346			
28	28.28	64	115	802	*	418	318	*	304	231	*	440	335			
31.5	30.58	59	115	741	*	399	303	*	327	249	*	412	313			
35.5	35.38	51	115	641	174	385	293	*	310	236	181	400	305			
40	38.30	47	115	592	173	383	292	*	308	235	181	400	305			
45	44.30	41	115	512	167	369	281	131	291	221	175	388	295			
50	48.09	37	115	471	152	337	257	132	291	222	157	348	265			
56	55.63	32	115	408	148	327	249	125	278	211	153	338	258			
63	62.68	29	115	362	144	319	243	132	291	222	147	325	247			
71	70.35	26	115	322	139	309	235	126	279	213	142	315	240			
80	79.27	23	115	286	135	298	227	121	268	204	138	306	233			
90	89.83	20	115	257	110	-	186	94	-	158	111	-	187	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	
100	101.22	18	115	228	107	-	181	90	-	152	108	-	182			
112	112.54	16	115	205	106	-	178	89	-	150	106	-	180			
125	126.81	14	115	182	103	-	173	85	-	144	104	-	175			
140	139.23	13	115	166	110	-	185	102	-	173	110	-	186			
160	156.87	11.5	115	147	107	-	180	99	-	166	107	-	180			
180	174.43	10.3	115	132	104	-	176	97	-	164	105	-	177			
200	196.54	9.2	115	117	101	-	171	93	-	158	102	-	171			
224	219.03	8.2	115	105	92	-	155	89	-	149	92	-	155			
250	246.79	7.3	115	93	89	-	150	86	-	144	89	-	151			
280	280.40	6.4	115	82	87	-	147	84	-	141	87	-	147			
315	312.12	5.8	115	74	80	-	136	79	-	133	81	-	136			
355	354.62	5.1	115	65	79	-	132	77	-	129	79	-	133			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1200 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W14 R/T - 1800 rpm

W14 - n1 = 1800 rpm ¹⁾														132 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.16	168	100	1809 ²⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	145	115	1804 ²⁾	*	*	*	*	*	*	*	*	*	*		
9	8.61	139	118	1775 ²⁾	*	*	*	*	*	*	*	*	*	*		
10	9.93	121	125	1631 ²⁾	*	*	*	*	*	*	*	*	*	*		
11.2	10.94	110	125	1480	*	*	*	*	*	*	*	*	*	*		
12.5	12.62	95	128	1314	*	*	*	*	*	*	*	*	*	*		
14	13.74	87	128	1207	*	*	*	*	*	*	*	*	*	*		
16	15.84	76	132	1079	*	*	*	*	*	*	*	*	*	*		
18	18.13	99	127	1381	*	454	352	*	*	*	*	460	357	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163	
20	20.90	86	132	1245	*	439	341	*	*	*	*	448	347			
22.4	22.84	79	132	1139	*	440	341	*	318	*	*	455	353			
25	26.34	68	132	988	*	424	329	*	298	*	*	442	343			
28	27.55	65	132	945	*	415	322	*	311	241	*	434	336			
31.5	31.77	57	132	819	*	401	311	*	293	227	*	422	327			
35.5	34.46	52	132	755	*	381	296	*	314	243	*	393	305			
40	39.74	45	132	655	*	369	287	*	298	231	173	383	297			
45	43.15	42	132	603	165	366	284	*	296	229	173	382	296			
50	49.76	36	132	523	160	354	275	*	280	217	168	371	288			
56	54.19	33	132	480	146	323	250	126	279	217	150	332	258			
63	62.48	29	132	417	141	313	243	121	267	207	146	324	251			
71	70.40	26	132	370	138	305	236	126	279	216	140	310	241			
80	79.02	23	132	329	134	296	230	121	268	208	137	302	235			
90	89.04	20	132	292	129	286	222	117	258	200	132	293	227			
100	100.91	18	132	262	106	-	181	90	-	154	106	-	182			4
112	113.70	16	132	233	103	-	177	86	-	148	104	-	178			
125	126.42	14	132	209	101	-	174	86	-	147	102	-	175			
140	142.44	13	132	186	98	-	169	82	-	141	99	-	171			
160	156.39	12	132	169	105	-	181	98	-	169	106	-	181			
180	176.21	10.2	132	150	102	-	176	95	-	163	103	-	176			
200	195.93	9.2	132	135	100	-	172	93	-	160	100	-	173			
224	220.77	8.2	132	120	97	-	167	90	-	154	97	-	167			
250	246.03	7.3	132	108	88	-	151	85	-	146	88	-	152			
280	277.22	6.5	132	95	86	-	147	82	-	141	86	-	147			
315	314.97	5.7	132	84	84	-	144	80	-	138	84	-	144			
355	350.60	5.1	132	75	77	-	133	75	-	130	77	-	133			
400	398.34	4.5	132	66	75	-	129	74	-	127	75	-	130			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1200 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W15 R/T - 1800 rpm

W15 - n1 = 1800 rpm ¹⁾														158 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
6.3	6.35	189	118	2407 ²⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.41	162	132	2307 ²⁾	*	*	*	*	*	*	*	*	*	*		
8	7.64	157	132	2239 ²⁾	*	*	*	*	*	*	*	*	*	*		
9	8.91	135	138	2006 ²⁾	*	*	*	*	*	*	*	*	*	*		
10	9.70	124	138	1843	*	*	*	*	*	*	*	*	*	*		
11.2	11.32	106	143	1636	*	*	*	*	*	*	*	*	*	*		
12.5	12.18	99	143	1521	*	*	*	*	*	*	*	*	*	*		
14	14.22	84	158	1440	*	*	*	*	*	*	*	*	*	*		
16	15.48	116	125	1592	*	530	*	*	*	*	*	542	*	*		
18	18.07	100	145	1582	*	510	*	*	*	*	*	525	*	*		
20	19.51	92	155	1566	*	517	*	*	*	*	*	541	*	*		
22.4	22.77	79	158	1368	*	494	363	*	*	*	*	521	383	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163	
25	24.41	74	158	1276	*	477	351	*	372	*	*	490	361			
28	28.49	63	158	1093	*	459	338	*	350	*	*	475	349			
31.5	30.56	59	158	1019	*	436	321	*	370	272	*	445	327			
35.5	35.67	50	158	873	*	422	311	*	352	259	*	433	318			
40	38.23	47	158	815	*	415	305	*	349	257	*	427	314			
45	44.63	40	158	698	*	401	295	*	331	244	187	415	305			
50	48.01	37	158	649	*	365	268	*	325	239	168	372	274			
56	56.04	32	158	556	160	354	261	*	312	229	164	363	267			
63	63.19	28	158	493	156	345	253	145	321	236	158	349	257			
71	70.87	25	158	440	151	335	246	140	310	228	154	340	250			
80	79.92	23	158	390	148	328	242	136	302	222	151	334	246			
90	90.49	20	158	350	119	-	194	105	-	172	120	-	195	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	
100	102.05	18	158	310	117	-	191	103	-	167	118	-	192			
112	113.38	16	158	279	115	-	187	101	-	165	116	-	188			
125	127.85	14	158	248	113	-	184	98	-	160	114	-	185			
140	140.25	13	158	226	119	-	195	113	-	184	120	-	195			
160	158.16	11.4	158	200	117	-	191	111	-	180	118	-	191			
180	175.72	10.2	158	180	114	-	186	108	-	176	114	-	186			
200	198.15	9.1	158	160	112	-	182	105	-	171	112	-	183			
224	220.64	8.2	158	144	101	-	164	98	-	159	101	-	164			
250	248.82	7.2	158	127	99	-	161	96	-	156	99	-	161			
280	282.70	6.4	158	112	97	-	158	94	-	153	97	-	158			
315	314.68	5.7	158	101	89	-	146	88	-	143	89	-	146			
355	357.53	5.0	158	89	88	-	143	86	-	140	88	-	143			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1200 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W16 R/T - 1800 rpm

W16 - n1 = 1800 rpm ¹⁾														178 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.11	169	132	2406 ²⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.27	145	146	2287 ²⁾	*	*	*	*	*	*	*	*	*	*		
9	8.55	140	146	2213 ²⁾	*	*	*	*	*	*	*	*	*	*		
10	9.95	121	154	2006 ²⁾	*	*	*	*	*	*	*	*	*	*		
11.2	10.86	111	154	1837	*	*	*	*	*	*	*	*	*	*		
12.5	12.64	95	160	1640	*	*	*	*	*	*	*	*	*	*		
14	13.64	88	160	1520	*	*	*	*	*	*	*	*	*	*		
16	15.87	76	178	1453	*	*	*	*	*	*	*	*	*	*		
18	17.33	104	140	1593	*	540	*	*	*	*	*	550	*	*		
20	20.17	89	160	1564	*	520	*	*	*	*	*	533	*	*		
22.4	21.84	82	170	1535	*	527	*	*	*	*	*	550	*	*		
25	25.41	71	178	1381	*	503	368	*	*	*	*	530	387	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163	
28	27.32	66	178	1284	*	484	354	*	378	*	*	497	363			
31.5	31.79	57	178	1104	*	466	340	*	355	*	*	481	351			
35.5	34.21	53	178	1026	*	442	323	*	376	275	*	451	330			
40	39.80	45	178	882	*	428	313	*	358	261	*	438	320			
45	42.80	42	178	820	*	421	308	*	355	259	*	433	317			
50	49.80	36	178	705	*	407	297	*	336	246	190	420	307			
56	53.74	33	178	653	*	370	271	*	330	241	171	378	276			
63	62.53	29	178	561	162	359	263	*	317	231	166	368	269			
71	70.52	26	178	498	158	350	256	147	326	238	160	354	259			
80	79.09	23	178	444	154	340	248	142	314	230	156	345	252			
90	89.19	20	178	393	150	333	243	139	307	224	153	339	248			
100	100.99	18	178	353	121	-	196	107	-	173	122	-	197	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	
112	113.88	16	178	313	119	-	193	104	-	169	120	-	194			
125	126.52	14	178	282	116	-	188	103	-	166	117	-	190			
140	142.68	13	178	250	114	-	185	100	-	161	115	-	187			
160	156.52	12	178	228	121	-	196	115	-	186	121	-	197			
180	176.50	10.2	178	202	119	-	193	112	-	182	119	-	193			
200	196.09	9.2	178	182	116	-	187	110	-	177	116	-	188			
224	221.13	8.1	178	161	113	-	183	107	-	173	114	-	184			
250	246.23	7.3	178	145	102	-	165	99	-	161	102	-	165			
280	277.67	6.5	178	129	100	-	162	97	-	157	100	-	162			
315	315.48	5.7	178	113	98	-	159	95	-	154	98	-	159			
355	351.17	5.1	178	102	91	-	147	89	-	144	91	-	147			
400	398.99	4.5	178	89	89	-	144	87	-	142	89	-	144			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1200 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W05 R/T - 1500 rpm

W05 - n1 = 1500 rpm														22 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.26	239	19.5	504	*	140	155	*	127	141	*	137	152	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.25	207	19.5	436	*	136	151	*	124	138	*	134	149		
8	7.64	196	19.5	413	*	179	200	*	157	175	*	178	198		
9	8.84	170	19.5	357	90	175	194	*	152	168	90	174	193		
10	9.71	154	19.5	325	81	156	173	*	146	162	81	156	173		
11.2	11.23	134	19.5	281	78	152	168	73	141	156	78	151	168		
12.5	12.19	123	19.5	259	70	135	150	67	130	144	70	135	150		
14	14.10	106	22	253	68	131	145	65	126	139	67	130	145		
16	16.03	94	19.2	197	80	155	172	74	143	159	80	154	171		
18	18.54	81	22	195	76	148	164	71	137	152	76	147	164		
20	20.22	74	22	179	77	149	165	72	139	154	77	149	165		
22.4	23.39	64	22	155	75	144	160	69	134	149	75	145	160		
25	25.10	60	22	144	77	149	165	72	139	154	77	149	165		
28	29.04	52	22	124	74	144	159	69	134	148	74	144	159		
31.5	30.89	49	22	117	63	121	134	61	118	131	63	121	134		
35.5	35.73	42	22	101	61	118	131	60	115	128	61	118	131		
40	38.35	39	22	94	61	118	130	59	115	127	61	118	130		
45	44.36	34	22	81	59	114	127	58	111	124	59	115	127		
50	48.16	31	22	75	53	103	115	53	102	113	54	103	115		
56	55.70	27	22	65	52	101	112	51	99	110	52	101	112		
63	63.46	24	22	57	53	103	115	53	102	113	54	103	115		
71	70.45	21	22	51	49	96	106	49	94	105	49	96	106		
80	80.26	19	22	45	48	93	103	47	92	101	48	93	103		
90	91.07	16	22	40	47	-	100	46	-	98	47	-	100		
100	103.75	14	22	35	45	-	97	44	-	95	45	-	97		
112	113.13	13	22	32	45	-	96	44	-	93	45	-	96		
125	128.88	12	22	29	43	-	93	42	-	90	43	-	93		
140	141.15	11	22	26	34	-	72	34	-	72	34	-	72		
160	160.80	9.3	22	23	33	-	71	33	-	70	33	-	71		
180	175.33	8.6	22	21	33	-	70	32	-	69	33	-	70		
200	199.75	7.5	22	18	32	-	68	32	-	68	32	-	68		
224	220.16	6.8	22	17	30	-	64	30	-	63	30	-	64		
250	250.82	6.0	22	15	29	-	62	29	-	62	29	-	62		
280	283.90	5.3	22	13	27	-	58	27	-	58	27	-	58		
315	317.21	4.7	22	12	27	-	59	27	-	59	27	-	59		
355	362.81	4.1	22	10.1	27	-	57	27	-	57	27	-	57		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W06 R/T - 1500 rpm

W06 - n1 = 1500 rpm														28 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.85	191	24.5	505	*	157	164	*	142	148	*	153	160	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
9	9.03	166	24.5	439	*	153	160	*	138	145	*	150	157		
10	9.58	157	24.5	414	*	203	213	*	177	185	*	200	209		
11.2	11.02	136	24.5	360	101	196	205	*	170	178	100	194	203		
12.5	12.17	123	24.5	326	91	176	184	*	163	171	90	174	182		
14	14.00	107	24.5	283	88	171	178	82	158	165	88	170	177		
16	15.28	98	24.5	260	79	152	159	75	146	153	79	152	159		
18	17.58	85	28	258	76	146	153	73	141	147	76	146	153		
20	20.09	75	24	196	86	166	178	79	153	164	86	165	177		
22.4	23.11	65	27	192	82	159	170	76	147	158	82	158	169		
25	25.35	59	28	181	83	160	171	77	149	160	83	160	171		
28	29.16	51	28	158	80	154	165	74	144	154	80	154	166		
31.5	31.47	48	28	146	83	160	171	77	149	160	83	160	171		
35.5	36.19	41	28	127	80	154	165	74	143	154	80	154	165		
40	38.73	39	28	119	67	130	139	66	127	136	67	130	139		
45	44.55	34	28	103	65	126	135	64	123	132	65	126	135		
50	48.08	31	28	96	65	126	135	64	123	132	65	126	135		
56	55.30	27	28	83	63	122	131	62	119	128	63	123	131		
63	60.37	25	28	76	57	111	119	56	109	117	57	111	119		
71	69.44	22	28	66	56	108	116	55	106	113	56	108	116		
80	79.11	19	28	58	54	105	112	54	104	111	54	105	112		
90	87.82	17	28	52	53	102	109	52	101	108	53	102	110		
100	100.05	15	28	46	51	99	106	51	98	105	51	99	106		
112	113.53	13	28	41	50	-	104	49	-	101	50	-	104		
125	129.34	12	28	36	49	-	100	47	-	98	49	-	101		
140	141.02	11	28	33	48	-	99	47	-	97	48	-	99		
160	160.66	9.3	28	29	46	-	96	45	-	93	46	-	96		
180	175.95	8.5	28	27	36	-	75	36	-	74	36	-	75		
200	200.45	7.5	28	23	35	-	73	35	-	73	35	-	73		
224	218.57	6.9	28	21	35	-	72	35	-	72	35	-	72		
250	249.00	6.0	28	19	34	-	70	34	-	70	34	-	70		
280	274.45	5.5	28	17	31	-	63	31	-	63	31	-	63		
315	312.66	4.8	28	15	30	-	62	30	-	62	30	-	62		
355	353.90	4.2	28	13	29	-	60	29	-	60	29	-	60		
400	395.43	3.8	28	12	29	-	61	29	-	61	29	-	61		
450	452.27	3.3	28	10	29	-	59	29	-	59	29	-	59		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 Right angle T only 3 and 4 stages.
 1) Forced lubrication.

Selection Tables

Right Angle Gearbox W07 R/T - 1500 rpm

W07 - n1 = 1500 rpm														36 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	236	29.5	752	*	312	282	*	241	218	*	299	271	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	204	31.5	694	*	299	271	*	234	212	*	291	264		
8	7.64	196	31.5	667	*	283	257	*	233	211	*	278	252		
9	8.84	170	32.5	595	*	273	248	*	224	202	*	271	245		
10	9.71	154	32.5	542	*	248	225	*	219	199	*	246	223		
11.2	11.23	134	32.5	469	124	240	218	*	212	192	124	239	217		
12.5	12.19	123	32.5	432	112	216	196	*	200	181	112	216	195		
14	14.10	106	36	413	108	208	189	*	194	175	108	208	189		
16	15.89	94	31	321	124	240	220	108	209	192	124	240	220		
18	18.38	82	35	313	119	229	211	104	201	185	119	229	211		
20	19.89	75	36	297	118	228	210	105	204	187	119	229	211		
22.4	23.01	65	36	257	113	219	201	101	195	179	114	220	203		
25	25.05	60	36	236	90	174	160	86	166	153	90	174	160		
28	28.97	52	36	204	88	170	157	84	162	149	88	171	157		
31.5	30.39	49	36	195	96	186	171	93	179	164	97	187	172		
35.5	35.16	43	36	168	94	182	167	90	174	160	94	182	168		
40	38.27	39	36	155	91	176	162	87	168	155	91	177	163		
45	44.26	34	36	134	89	172	158	84	163	150	89	172	158		
50	48.05	31	36	123	78	151	139	76	148	136	78	152	139		
56	55.58	27	36	106	77	148	136	75	144	132	77	148	136		
63	63.88	23	36	93	74	143	132	73	141	129	74	143	132		
71	70.29	21	36	84	72	140	129	71	137	126	72	140	129		
80	80.78	19	36	73	72	138	127	70	136	125	72	139	127		
90	90.87	17	36	66	71	-	126	68	-	121	71	-	126		
100	104.43	14	36	58	70	-	124	67	-	119	70	-	124		
112	112.56	13	36	53	68	-	120	65	-	116	68	-	120		
125	129.36	12	36	47	67	-	118	64	-	114	67	-	119		
140	140.84	11	36	43	58	-	103	57	-	102	58	-	103		
160	161.86	9.3	36	37	57	-	102	57	-	101	57	-	102		
180	174.45	8.6	36	34	56	-	99	55	-	98	56	-	99		
200	200.48	7.5	36	30	55	-	98	54	-	97	55	-	98		
224	219.05	6.8	36	27	43	-	77	43	-	76	43	-	77		
250	251.74	6.0	36	24	43	-	76	43	-	76	43	-	76		
280	287.44	5.2	36	21	42	-	75	42	-	75	42	-	75		
315	318.38	4.7	36	19	39	-	68	38	-	68	39	-	68		
355	362.81	4.1	36	17	38	-	67	38	-	67	38	-	67		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W08 R/T - 1500 rpm

W08 - n1 = 1500 rpm														46 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.97	188	37	752	*	326	289	*	247	219	*	307	272	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
9	9.16	164	40	707	*	313	277	*	241	214	*	300	267		
10	9.58	157	40	676	*	297	264	*	242	214	*	288	256		
11.2	11.02	136	41	602	*	286	254	*	232	206	*	281	249		
12.5	12.17	123	41	545	*	260	231	*	229	203	*	257	228		
14	14.00	107	41	474	130	252	224	*	221	196	129	250	222		
16	15.28	98	41	434	118	227	202	*	209	186	117	226	201		
18	17.58	85	46	424	113	219	194	*	203	180	113	218	194		
20	19.92	75	38	313	128	247	223	113	219	198	128	247	223		
22.4	22.91	65	43	308	123	237	214	109	210	190	123	237	214		
25	24.94	60	46	303	122	236	213	110	213	192	123	237	214		
28	28.68	52	46	263	118	229	206	105	204	184	119	230	207		
31.5	31.40	48	46	241	94	181	164	90	173	156	94	181	164		
35.5	36.11	42	46	209	92	177	160	87	169	152	92	178	160		
40	38.10	39	46	198	101	195	176	97	187	169	101	195	176		
45	43.83	34	46	172	98	189	171	94	181	163	98	190	171		
50	47.97	31	46	158	95	184	166	91	176	159	95	184	166		
56	55.18	27	46	137	93	179	161	88	170	154	93	180	162		
63	60.23	25	46	125	82	158	142	80	154	139	82	158	143		
71	69.28	22	46	109	80	154	139	78	150	136	80	155	140		
80	79.63	19	46	95	77	149	135	76	147	133	77	149	135		
90	87.62	17	46	86	75	146	132	74	143	129	76	146	132		
100	100.70	15	46	75	75	144	130	73	141	128	75	144	130		
112	113.28	13	46	68	74	-	129	71	-	124	74	-	129	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
125	130.18	12	46	59	73	-	127	70	-	122	73	-	127		
140	140.31	11	46	55	70	-	123	68	-	118	71	-	123		
160	161.25	9	46	48	70	-	121	67	-	116	70	-	122		
180	175.56	9	46	44	61	-	106	60	-	105	61	-	106		
200	201.76	7.4	46	38	60	-	105	59	-	103	60	-	105		
224	217.46	6.9	46	35	58	-	101	57	-	100	58	-	101		
250	249.92	6.0	46	31	57	-	100	57	-	99	57	-	100		
280	273.06	5.5	46	28	45	-	79	45	-	78	45	-	79		
315	313.82	4.8	46	24	45	-	78	44	-	77	45	-	78		
355	358.31	4.2	46	21	44	-	77	44	-	76	44	-	77		
400	396.89	3.8	46	19	40	-	70	40	-	70	40	-	70		
450	452.27	3.3	46	17	40	-	69	39	-	69	40	-	69		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W09 R/T - 1500 rpm

W09 - n1 = 1500 rpm														58.5 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	236	44.2	1126 ¹⁾	*	349	325	*	*	*	*	328	305	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	204	51	1123 ¹⁾	*	335	311	*	*	*	*	321	299		
8	7.64	196	52	1102	*	320	298	*	*	*	*	311	289		
9	8.84	170	53	971	*	309	288	*	*	*	*	303	282		
10	9.71	154	53	884	*	280	261	*	242	*	*	276	257		
11.2	11.23	134	56	807	*	271	252	*	234	218	*	269	250		
12.5	12.19	123	56	744	*	234	218	*	215	200	*	233	217		
14	14.10	106	58.5	672	*	228	212	*	208	194	*	227	211		
16	15.79	95	50	520	*	205	193	*	187	175	*	204	192		
18	18.26	82	57	513	*	199	187	*	181	171	*	198	186		
20	19.69	76	58.5	488	*	198	186	*	184	173	*	198	186		
22.4	22.77	66	58.5	422	*	194	182	*	178	168	*	194	183		
25	24.67	61	58.5	390	125	241	227	113	218	205	126	243	229	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163
28	28.53	53	58.5	337	121	234	220	108	209	196	122	236	222		
31.5	30.52	49	58.5	315	111	215	202	105	203	191	112	216	203		
35.5	35.30	42	58.5	272	108	209	197	102	197	185	109	211	198		
40	38.23	39	58.5	251	105	203	191	99	191	179	106	204	192		
45	44.22	34	58.5	217	102	198	186	95	185	174	103	199	187		
50	48.01	31	58.5	200	94	181	170	90	175	164	94	182	171		
56	55.53	27	58.5	173	92	177	166	88	170	160	92	178	167		
63	63.09	24	58.5	152	88	170	160	86	167	157	88	171	161		
71	70.23	21	58.5	137	86	166	156	84	162	152	86	167	157		
80	79.79	19	58.5	120	85	164	155	83	160	150	85	165	155		
90	90.78	17	58.5	108	84	-	152	79	-	144	84	-	152	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	103.15	15	58.5	95	83	-	150	78	-	141	83	-	150		
112	112.70	13	58.5	87	81	-	146	76	-	138	81	-	147		
125	128.05	12	58.5	76	79	-	144	75	-	136	80	-	145		
140	140.70	11	58.5	69	68	-	123	66	-	121	68	-	123		
160	159.86	9.4	58.5	61	67	-	121	66	-	119	67	-	121		
180	174.67	8.6	58.5	56	65	-	119	64	-	117	65	-	119		
200	198.46	7.6	58.5	49	65	-	117	63	-	115	65	-	117		
224	219.33	6.8	58.5	45	56	-	102	55	-	101	56	-	102		
250	249.20	6.0	58.5	39	55	-	100	55	-	99	55	-	100		
280	283.90	5.3	58.5	34	54	-	98	53	-	97	54	-	98		
315	315.17	4.8	58.5	31	49	-	89	49	-	89	49	-	89		
355	362.81	4.2	58.5	27	48	-	87	48	-	87	48	-	87		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W10 R/T - 1500 rpm

W10 - n1 = 1500 rpm														67 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.16	209	50	1131 ¹⁾	*	360	331	*	*	*	*	334	306	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	182	57	1118 ¹⁾	*	345	317	*	*	*	*	328	301		
9	8.61	174	58	1091	*	331	304	*	*	*	*	318	292		
10	9.93	151	60	978	*	319	293	*	250	*	*	311	286		
11.2	10.94	137	60	888	*	290	266	*	249	229	*	284	261		
12.5	12.62	119	63	809	*	280	257	*	241	222	*	277	254		
14	13.74	109	63	743	*	242	222	*	221	203	*	240	220		
16	15.84	95	67	685	*	235	216	*	215	197	*	234	215		
18	17.79	84	56	517	*	199	185	*	180	167	*	200	186		
20	20.51	73	64	513	*	192	179	*	175	162	*	193	180		
22.4	22.18	68	67	496	*	206	192	*	191	177	*	205	191		
25	25.58	59	67	430	*	202	188	*	186	173	*	201	187		
28	27.79	54	67	396	128	247	230	116	223	208	129	249	232		
31.5	32.05	47	67	343	124	240	223	111	215	200	125	242	225		
35.5	34.38	44	67	320	114	220	205	108	208	194	114	221	206		
40	39.65	38	67	278	111	215	200	104	202	188	112	216	201		
45	43.08	35	67	256	108	208	194	101	196	182	108	210	195		
50	49.67	30	67	222	105	203	188	98	189	176	106	204	190		
56	54.09	28	67	204	96	186	173	93	179	167	97	187	174		
63	62.37	24	67	176	94	182	169	90	174	162	94	182	170		
71	70.87	21	67	155	90	175	163	88	171	159	91	175	163		
80	78.88	19	67	140	88	171	159	86	166	155	89	171	159		
90	89.63	17	67	123	87	169	157	85	164	153	88	169	157		
100	101.98	15	67	110	86	-	154	81	-	146	86	-	154		
112	115.86	13	67	97	85	-	152	80	-	144	85	-	152		
125	126.60	12	67	88	83	-	148	78	-	141	83	-	149		
140	143.84	10	67	78	82	-	147	77	-	138	82	-	147		
160	158.05	9	67	71	69	-	125	68	-	123	69	-	125		
180	179.57	8.4	67	62	69	-	123	67	-	121	69	-	123		
200	196.21	7.6	67	57	67	-	120	66	-	118	67	-	120		
224	222.93	6.7	67	50	66	-	119	65	-	117	66	-	119		
250	246.38	6.1	67	45	57	-	103	57	-	102	57	-	103		
280	279.93	5.4	67	40	57	-	102	56	-	101	57	-	102		
315	318.90	4.7	67	35	55	-	99	55	-	98	55	-	99		
355	354.02	4.2	67	32	50	-	91	50	-	90	50	-	91		
400	452.27	3.7	67	28	49	-	88	49	-	88	49	-	88		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 Right angle T only 3 and 4 stages.
 1) Forced lubrication.

Selection Tables

Right Angle Gearbox W11 R/T - 1500 rpm

W11 - n1 = 1500 rpm														80 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	236	58.5	1491 ¹⁾	*	423	*	*	*	*	*	392	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	204	67	1476 ¹⁾	*	407	*	*	*	*	*	388	*		
8	7.64	196	67	1420 ¹⁾	*	388	*	*	*	*	*	376	*		
9	8.84	170	68	1246 ¹⁾	*	375	318	*	*	*	*	369	*		
10	9.71	154	68	1134	*	373	317	*	*	*	*	369	313		
11.2	11.23	134	70	1009	*	361	306	*	275	*	*	360	306		
12.5	12.19	123	70	930	*	299	254	*	263	*	*	297	252		
14	14.10	106	80	919	*	289	245	*	257	*	*	288	245		
16	15.89	94	73	755	*	340	291	*	274	234	*	342	293		
18	18.38	82	80	715	*	327	279	*	266	227	*	329	282		
20	20.22	74	80	650	169	326	279	*	269	230	171	331	283		
22.4	23.39	64	80	562	163	315	270	*	255	218	166	322	275		
25	24.75	61	80	531	157	304	260	*	260	222	160	310	265		
28	28.63	52	80	459	153	295	252	128	247	212	156	302	258		
31.5	30.89	49	80	425	142	275	235	128	248	212	144	279	239		
35.5	35.73	42	80	368	139	268	229	123	239	204	141	272	233		
40	37.82	40	80	348	135	261	223	121	234	200	138	266	227		
45	43.74	34	80	300	131	254	217	116	224	192	134	259	222		
50	47.48	32	80	277	122	236	201	113	218	187	124	239	204		
56	54.92	27	80	239	119	230	196	109	211	180	121	233	199		
63	63.05	24	80	208	114	221	189	110	212	182	115	222	190		
71	69.46	22	80	189	112	216	184	107	206	176	112	217	186		
80	79.73	19	80	165	108	209	178	103	199	170	109	210	180		
90	88.35	17	80	151	106	-	175	96	-	159	106	-	176	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	101.41	15	80	132	102	-	169	92	-	153	103	-	170		
112	111.23	13	80	120	101	-	166	91	-	151	101	-	167		
125	127.68	12	80	105	97	-	161	87	-	144	98	-	161		
140	136.93	11	80	98	86	-	141	83	-	137	86	-	142		
160	157.17	9.5	80	85	83	-	137	80	-	133	83	-	137		
180	172.39	8.7	80	78	82	-	135	79	-	131	82	-	135		
200	197.88	7.6	80	68	79	-	131	76	-	126	79	-	131		
224	216.47	6.9	80	62	68	-	113	67	-	111	68	-	113		
250	248.47	6.0	80	54	66	-	110	65	-	108	66	-	110		
280	285.56	5.3	80	47	65	-	108	64	-	106	65	-	108		
315	314.25	4.8	80	43	61	-	101	60	-	100	61	-	101		
355	361.15	4.2	80	37	60	-	98	59	-	98	60	-	99		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W12 R/T - 1500 rpm

W12 - n1 = 1500 rpm														92 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.16	209	66	1493 ¹⁾	*	434	*	*	*	*	*	395	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	182	75	1471 ¹⁾	*	418	*	*	*	*	*	393	*		
9	8.61	174	75	1410 ¹⁾	*	398	*	*	*	*	*	383	*		
10	9.93	151	76	1239 ¹⁾	*	385	323	*	*	*	*	376	*		
11.2	10.94	137	76	1125	*	384	323	*	294	*	*	378	317		
12.5	12.62	119	78	1001	*	371	312	*	281	*	*	369	310		
14	13.74	109	78	919	*	308	259	*	270	*	*	305	256		
16	15.84	95	90	920	*	297	250	*	264	*	*	296	249		
18	17.90	84	82	753	*	346	294	*	278	236	*	347	295		
20	20.64	73	92	732	*	332	282	*	270	229	*	334	284		
22.4	22.78	66	92	663	171	331	281	*	274	233	174	336	286		
25	26.27	57	92	575	166	320	272	*	260	221	169	326	277		
28	27.89	54	92	542	160	309	263	*	264	225	163	314	267		
31.5	32.16	47	92	470	155	299	254	130	252	214	158	306	260		
35.5	34.81	43	92	434	144	279	237	130	252	214	146	283	241		
40	40.14	37	92	377	141	272	231	126	243	206	143	276	235		
45	42.61	35	92	355	137	265	225	123	237	202	140	270	229		
50	49.13	31	92	308	133	257	219	118	228	194	136	263	223		
56	53.50	28	92	283	124	239	203	115	222	189	125	242	206		
63	61.70	24	92	245	121	233	198	111	214	182	122	236	201		
71	70.82	21	92	213	116	224	191	112	216	183	117	226	192		
80	78.03	19	92	194	113	219	186	108	209	178	114	220	187		
90	89.56	17	92	169	109	212	180	104	202	172	110	213	181		
100	99.24	15	92	155	107	-	177	98	-	161	108	-	177		
112	113.91	13	92	135	104	-	171	94	-	154	104	-	172		
125	124.94	12	92	123	102	-	168	93	-	152	103	-	169		
140	143.42	10	92	107	99	-	162	89	-	146	99	-	163		
160	153.81	10	92	100	87	-	143	84	-	139	87	-	143		
180	176.55	8.5	92	87	84	-	139	82	-	134	84	-	139		
200	193.64	7.7	92	79	83	-	136	80	-	132	83	-	136		
224	222.28	6.7	92	69	80	-	132	78	-	128	80	-	132		
250	243.16	6.2	92	63	69	-	114	68	-	112	69	-	114		
280	279.11	5.4	92	55	67	-	111	66	-	109	67	-	111		
315	320.76	4.7	92	48	66	-	109	65	-	107	66	-	109		
355	352.99	4.2	92	44	62	-	102	61	-	101	62	-	102		
400	405.67	3.7	92	38	60	-	99	60	-	99	61	-	99		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W13 R/T - 1500 rpm

W13 - n1 = 1500 rpm ¹⁾														115 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
6.3	6.35	189	89	1814 ²⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	163	103	1815 ²⁾	*	*	*	*	*	*	*	*	*	*		
8	7.64	157	106	1797 ²⁾	*	*	*	*	*	*	*	*	*	*		
9	8.84	136	110	1612 ²⁾	*	*	*	*	*	*	*	*	*	*		
10	9.71	124	110	1468	*	*	*	*	*	*	*	*	*	*		
11.2	11.23	107	112	1292	*	*	*	*	*	*	*	*	*	*		
12.5	12.19	98	112	1190	*	*	*	*	*	*	*	*	*	*		
14	14.10	85	115	1056	*	*	*	*	*	*	*	*	*	*		
16	16.09	93	115	1174	*	422	368	*	333	*	*	427	373	3		
18	18.61	81	115	1015	*	408	356	*	316	276	*	414	361			
20	20.27	74	115	932	*	409	357	*	321	280	*	420	366			
22.4	23.45	64	115	806	204	394	344	*	303	264	210	406	355			
25	24.45	61	115	773	199	385	336	*	311	271	206	398	347			
28	28.28	53	115	668	192	372	324	*	294	256	199	386	336			
31.5	30.58	49	115	618	181	350	306	157	304	265	185	358	313			
35.5	35.38	42	115	534	176	340	296	150	290	253	180	349	304			
40	38.30	39	115	493	175	338	295	149	289	252	180	348	304			
45	44.30	34	115	427	169	326	285	142	274	239	175	338	295			
50	48.09	31	115	393	153	296	258	138	267	233	156	302	264			
56	55.63	27	115	340	149	287	251	132	256	223	152	294	257			
63	62.68	24	115	301	144	279	243	135	262	228	146	282	246			
71	70.35	21	115	269	140	271	236	130	252	220	142	275	240			
80	79.27	19	115	238	136	262	229	126	243	212	138	266	232			
90	89.83	17	115	214	110	-	185	98	-	165	110	-	186	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	
100	101.22	15	115	190	107	-	181	95	-	159	108	-	182			
112	112.54	13	115	171	106	-	178	93	-	158	106	-	179			
125	126.81	12	115	152	103	-	173	90	-	152	103	-	174			
140	139.23	11	115	138	110	-	185	104	-	176	110	-	185			
160	156.87	9.6	115	122	107	-	180	101	-	170	107	-	180			
180	174.43	8.6	115	110	104	-	176	99	-	167	105	-	176			
200	196.54	7.6	115	98	101	-	171	96	-	161	101	-	171			
224	219.03	6.8	115	88	92	-	155	89	-	151	92	-	155			
250	246.79	6.1	115	78	89	-	150	87	-	146	89	-	151			
280	280.40	5.3	115	69	87	-	147	85	-	143	87	-	147			
315	312.12	4.8	115	62	81	-	136	79	-	134	81	-	136			
355	354.62	4.2	115	54	79	-	133	78	-	131	79	-	133			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1200 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W14 R/T - 1500 rpm

W14 - n1 = 1500 rpm ¹⁾														132 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.16	168	100	1809 ²⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	145	115	1804 ²⁾	*	*	*	*	*	*	*	*	*	*		
9	8.61	139	118	1775 ²⁾	*	*	*	*	*	*	*	*	*	*		
10	9.93	121	125	1631 ²⁾	*	*	*	*	*	*	*	*	*	*		
11.2	10.94	110	125	1480	*	*	*	*	*	*	*	*	*	*		
12.5	12.62	95	128	1314	*	*	*	*	*	*	*	*	*	*		
14	13.74	87	128	1207	*	*	*	*	*	*	*	*	*	*		
16	15.84	76	132	1079	*	*	*	*	*	*	*	*	*	*		
18	18.13	83	132	1196	*	403	359	*	317	*	*	407	362	*		
20	20.90	72	132	1037	*	391	347	*	304	270	*	396	352	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163	
22.4	22.84	66	132	949	*	391	348	*	308	274	*	400	356			
25	26.34	57	132	823	*	378	336	*	291	259	*	389	346			
28	27.55	54	132	787	*	368	327	*	298	265	*	379	337			
31.5	31.77	47	132	683	184	356	317	*	282	251	191	369	328			
35.5	34.46	44	132	629	173	335	297	*	291	259	177	342	304			
40	39.74	38	132	546	168	325	289	144	279	248	173	334	297			
45	43.15	35	132	503	167	323	287	143	277	246	172	332	295			
50	49.76	30	132	436	162	313	278	137	264	235	167	324	288			
56	54.19	28	132	400	146	283	251	132	255	227	149	289	257			
63	62.48	24	132	347	142	275	245	127	246	218	146	282	251			
71	70.40	21	132	308	138	266	237	129	250	222	140	270	240			
80	79.02	19	132	274	134	259	231	125	242	215	136	263	234			
90	89.04	17	132	244	130	251	223	121	233	207	132	255	227			
100	100.91	15	132	219	105	-	181	94	-	161	106	-	182	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	
112	113.70	13	132	194	103	-	176	91	-	156	103	-	177			
125	126.42	12	132	174	101	-	174	90	-	154	102	-	175			
140	142.44	11	132	155	98	-	169	87	-	149	99	-	170			
160	156.39	10	132	141	105	-	180	100	-	172	105	-	181			
180	176.21	8.5	132	125	102	-	175	97	-	166	102	-	176			
200	195.93	7.7	132	113	100	-	172	95	-	163	100	-	172			
224	220.77	6.8	132	100	97	-	167	92	-	158	97	-	167			
250	246.03	6.1	132	90	88	-	151	86	-	147	88	-	151			
280	277.22	5.4	132	80	86	-	147	83	-	143	86	-	147			
315	314.97	4.8	132	70	84	-	144	81	-	140	84	-	144			
355	350.60	4.3	132	63	77	-	133	76	-	131	77	-	133			
400	398.34	3.8	132	55	76	-	130	74	-	128	76	-	130			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1200 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W15 R/T - 1500 rpm

W15 - n1 = 1500 rpm ¹⁾														158 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	189	118	2407 ²⁾	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.41	162	132	2307 ²⁾	*	*	*	*	*	*	*	*	*		
8	7.64	157	132	2239 ²⁾	*	*	*	*	*	*	*	*	*		
9	8.91	135	138	2006 ²⁾	*	*	*	*	*	*	*	*	*		
10	9.70	124	138	1843	*	*	*	*	*	*	*	*	*		
11.2	11.32	106	143	1636	*	*	*	*	*	*	*	*	*		
12.5	12.18	99	143	1521	*	*	*	*	*	*	*	*	*		
14	14.22	84	158	1440	*	*	*	*	*	*	*	*	*		
16	15.48	97	125	1326	*	479	404	*	342	*	*	486	410		
18	18.07	83	145	1318	*	459	387	*	333	*	*	468	395		
20	19.51	77	155	1305	*	463	390	*	345	*	*	478	403		
22.4	22.77	66	158	1140	*	443	374	*	326	*	*	460	388		
25	24.41	61	158	1064	*	420	354	*	351	296	*	428	361		
28	28.49	53	158	911	*	406	342	*	333	280	*	416	350		
31.5	30.56	49	158	849	*	381	321	*	339	286	*	387	326		
35.5	35.67	42	158	728	191	370	312	*	325	274	195	376	317		
40	38.23	39	158	679	188	363	306	*	321	271	192	371	312		
45	44.63	34	158	582	182	352	297	159	307	258	186	360	304		
50	48.01	31	158	541	165	318	268	152	293	247	167	323	272		
56	56.04	27	158	463	160	310	261	146	283	238	163	315	265		
63	63.19	24	158	411	155	300	253	148	285	241	156	302	255		
71	70.87	21	158	366	151	292	246	143	276	233	153	295	249		
80	79.92	19	158	325	148	286	241	140	270	228	150	290	244		
90	90.49	17	158	292	119	-	193	109	-	177	119	-	194	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	102.05	15	158	259	117	-	190	106	-	173	117	-	191		
112	113.38	13	158	233	114	-	186	104	-	170	115	-	187		
125	127.85	12	158	206	112	-	183	102	-	166	113	-	184		
140	140.25	11	158	188	119	-	193	114	-	186	119	-	193		
160	158.16	9.5	158	167	117	-	190	112	-	182	117	-	190		
180	175.72	8.5	158	150	113	-	185	109	-	178	114	-	185		
200	198.15	7.6	158	133	111	-	181	107	-	174	111	-	181		
224	220.64	6.8	158	120	100	-	163	98	-	160	100	-	163		
250	248.82	6.0	158	106	98	-	160	96	-	157	98	-	160		
280	282.70	5.3	158	93	96	-	157	94	-	154	97	-	157		
315	314.68	4.8	158	84	89	-	145	88	-	143	89	-	145		
355	357.53	4.2	158	74	87	-	142	86	-	141	88	-	143		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1200 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W16 R/T - 1500 rpm

W16 - n1 = 1500 rpm ¹⁾														178 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ²⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.11	169	132	2406 ²⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.27	145	146	2287 ²⁾	*	*	*	*	*	*	*	*	*	*		
9	8.55	140	146	2213 ²⁾	*	*	*	*	*	*	*	*	*	*		
10	9.95	121	154	2006 ²⁾	*	*	*	*	*	*	*	*	*	*		
11.2	10.86	111	154	1837	*	*	*	*	*	*	*	*	*	*		
12.5	12.64	95	160	1640	*	*	*	*	*	*	*	*	*	*		
14	13.64	88	160	1520	*	*	*	*	*	*	*	*	*	*		
16	15.87	76	178	1453	*	*	*	*	*	*	*	*	*	*		
18	17.33	87	140	1327	*	488	409	*	348	*	*	495	414	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163	
20	20.17	74	160	1304	*	468	391	*	339	*	*	476	399			
22.4	21.84	69	170	1279	*	472	395	*	353	*	*	486	407			
25	25.41	59	178	1151	*	452	378	*	332	*	*	468	392			
28	27.32	55	178	1070	*	426	357	*	356	298	*	434	363			
31.5	31.79	47	178	920	*	412	345	*	338	283	*	421	352			
35.5	34.21	44	178	855	*	387	324	*	344	288	*	392	328			
40	39.80	38	178	735	194	375	314	*	330	276	197	381	319			
45	42.80	35	178	683	191	368	309	*	326	273	194	376	315			
50	49.80	30	178	587	185	357	299	161	311	261	189	365	306			
56	53.74	28	178	544	167	323	270	154	298	249	169	327	274			
63	62.53	24	178	468	162	314	263	148	287	240	165	319	267			
71	70.52	21	178	415	157	304	255	150	290	243	159	307	257			
80	79.09	19	178	370	153	296	248	145	280	235	155	299	250			
90	89.19	17	178	328	150	291	243	142	274	230	152	294	246			
100	100.99	15	178	295	120	-	195	110	-	179	121	-	195			4
112	113.88	13	178	261	119	-	192	108	-	175	119	-	193			
125	126.52	12	178	235	116	-	187	106	-	172	116	-	188			
140	142.68	11	178	208	114	-	184	103	-	167	115	-	185			
160	156.52	10	178	190	120	-	195	116	-	188	121	-	195			
180	176.50	8.5	178	169	118	-	191	114	-	184	118	-	192			
200	196.09	7.6	178	152	115	-	186	111	-	179	115	-	186			
224	221.13	6.8	178	135	113	-	183	108	-	175	113	-	183			
250	246.23	6.1	178	121	101	-	164	100	-	161	102	-	164			
280	277.67	5.4	178	107	100	-	161	98	-	158	100	-	161			
315	315.48	4.8	178	94	98	-	158	96	-	155	98	-	159			
355	351.17	4.3	178	85	90	-	146	89	-	145	91	-	146			
400	398.99	3.8	178	75	89	-	144	88	-	142	89	-	144			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) 2-stage gearboxes maximum permissible speed 1200 rpm.

2) Forced lubrication.

Selection Tables

Right Angle Gearbox W05 R/T - 1200 rpm

W05 - n1 = 1200 rpm														22 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.26	192	19.5	403	*	119	153	*	112	144	*	117	152	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.25	166	19.5	349	*	116	149	*	109	141	*	115	148		
8	7.64	157	19.5	331	92	153	198	85	140	182	92	152	197		
9	8.84	136	19.5	286	90	149	192	82	136	176	89	148	192		
10	9.71	124	19.5	260	80	133	172	77	127	164	80	132	171		
11.2	11.23	107	19.5	225	78	129	167	74	123	159	78	129	166		
12.5	12.19	98	19.5	207	69	115	149	68	112	145	69	115	148		
14	14.10	85	22	202	67	111	143	65	108	140	67	111	143		
16	16.23	74	19.2	155	79	131	169	75	124	161	79	131	169		
18	18.77	64	22	154	75	125	161	72	119	154	75	125	161		
20	20.48	59	22	141	76	126	163	73	121	156	76	126	163		
22.4	23.69	51	22	122	74	122	158	70	116	150	74	122	158		
25	25.10	48	22	115	76	125	162	73	120	155	76	126	162		
28	29.04	41	22	100	73	121	157	70	116	150	73	121	157		
31.5	30.89	39	22	94	62	102	132	61	101	130	62	102	132		
35.5	35.73	34	22	81	60	100	129	59	98	127	60	100	129		
40	38.35	31	22	75	60	99	128	59	98	126	60	99	128		
45	44.36	27	22	65	58	97	125	57	95	123	58	97	125		
50	48.16	25	22	60	53	87	113	52	86	112	53	87	113		
56	55.70	22	22	52	51	85	110	51	84	109	51	85	110		
63	63.46	19	22	46	53	87	113	52	86	112	53	87	113		
71	70.45	17	22	41	49	81	104	48	80	104	49	81	105		
80	80.26	15	22	36	47	79	102	47	78	101	47	79	102		
90	91.07	13	22	32	46	-	99	45	-	97	46	-	99		
100	103.75	12	22	28	45	-	96	44	-	94	45	-	96		
112	113.13	11	22	26	44	-	94	43	-	93	44	-	94		
125	128.88	9.3	22	23	43	-	92	42	-	90	43	-	92		
140	141.15	8.5	22	21	33	-	72	33	-	71	33	-	72		
160	160.80	7.5	22	18	33	-	70	32	-	70	33	-	70		
180	175.33	6.8	22	17	32	-	69	32	-	69	32	-	69		
200	199.75	6.0	22	15	31	-	67	31	-	67	31	-	67		
224	220.16	5.5	22	13	29	-	63	29	-	63	29	-	63		
250	250.82	4.8	22	12	29	-	61	29	-	61	29	-	61		
280	283.90	4.2	22	10	27	-	58	27	-	58	27	-	58		
315	317.21	3.8	22	9	27	-	58	27	-	58	27	-	58		
355	359.05	3.3	22	8.2	27	-	57	27	-	57	27	-	57		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W06 R/T - 1200 rpm

W06 - n1 = 1200 rpm														28 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.85	153	24.5	404	*	133	162	*	125	152	*	131	160	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
9	9.03	133	24.5	351	*	130	158	*	122	148	*	128	156		
10	9.58	125	24.5	331	105	173	211	95	158	193	103	172	209		
11.2	11.02	109	24.5	288	101	167	204	92	152	185	100	166	202		
12.5	12.17	99	24.5	261	90	150	182	86	143	174	90	149	181		
14	14.00	86	24.5	227	87	145	177	83	138	168	87	145	176		
16	15.28	79	24.5	208	78	130	158	76	126	153	78	129	157		
18	17.58	68	28	206	75	124	151	73	121	148	75	124	151		
20	20.34	59	24	155	85	141	175	80	133	167	84	140	175	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163
22.4	23.40	51	27	152	81	134	167	77	128	159	81	134	167		
25	25.67	47	28	143	81	135	168	78	129	161	81	135	168		
28	29.53	41	28	125	79	130	163	75	125	155	79	131	163		
31.5	31.47	38	28	117	81	135	168	78	129	161	81	135	168		
35.5	36.19	33	28	102	78	130	162	75	124	155	78	130	162		
40	38.73	31	28	95	66	109	136	65	108	135	66	109	136		
45	44.55	27	28	83	64	107	133	63	105	131	64	107	133		
50	48.08	25	28	77	64	106	133	63	105	131	64	106	133		
56	55.30	22	28	67	62	103	129	61	102	127	62	103	129		
63	60.37	20	28	61	56	93	117	56	93	115	56	94	117		
71	69.44	17	28	53	55	91	114	54	90	113	55	91	114		
80	79.11	15	28	47	53	89	111	53	88	110	53	89	111		
90	87.82	14	28	42	52	86	108	52	86	107	52	87	108		
100	100.05	12	28	37	51	84	105	50	83	104	51	84	105		
112	113.53	11	28	33	49	-	102	49	-	101	49	-	102		
125	129.34	9	28	29	48	-	99	47	-	97	48	-	99		
140	141.02	9	28	27	47	-	98	46	-	96	47	-	98		
160	160.66	7.5	28	23	46	-	95	45	-	93	46	-	95		
180	175.95	6.8	28	21	36	-	74	36	-	74	36	-	74		
200	200.45	6.0	28	19	35	-	72	35	-	72	35	-	72		
224	218.57	5.5	28	17	34	-	71	34	-	71	34	-	71		
250	249.00	4.8	28	15	34	-	70	33	-	69	34	-	70		
280	274.45	4.4	28	14	30	-	63	30	-	63	30	-	63		
315	312.66	3.8	28	12	30	-	61	30	-	61	30	-	61		
355	353.90	3.4	28	11	29	-	60	29	-	60	29	-	60		
400	395.43	3.0	28	9	29	-	60	29	-	60	29	-	60		
450	447.58	2.7	28	8	28	-	59	28	-	59	28	-	59		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W07 R/T - 1200 rpm

W07 - n1 = 1200 rpm														36 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	189	29.5	610	*	267	282	*	225	237	*	260	274	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	163	31.5	563	*	256	270	*	217	229	*	251	265		
8	7.64	157	31.5	542	146	242	255	128	213	224	144	239	252		
9	8.84	136	32.5	483	141	234	246	123	204	216	140	232	245		
10	9.71	124	32.5	440	127	211	223	118	195	206	127	210	222		
11.2	11.23	107	32.5	380	123	205	216	114	188	199	123	204	215		
12.5	12.19	98	32.5	350	111	184	194	105	175	185	111	184	194		
14	14.10	85	36	336	107	177	187	102	169	178	107	177	186		
16	15.89	76	31	256	123	204	218	112	187	200	123	204	218		
18	18.38	65	35	250	117	195	209	108	179	192	117	195	209		
20	19.89	60	36	238	117	194	207	108	180	193	117	194	208		
22.4	23.01	52	36	206	112	186	199	104	173	185	112	187	200		
25	25.05	48	36	189	89	147	157	86	143	153	89	147	157		
28	28.97	41	36	163	87	144	154	84	139	149	87	144	154		
31.5	30.39	39	36	156	95	158	169	92	153	164	95	158	169		
35.5	35.16	34	36	135	93	154	165	90	149	160	93	154	165		
40	38.27	31	36	124	90	149	159	87	145	155	90	149	160		
45	44.26	27	36	107	88	145	155	85	141	151	88	146	156		
50	48.05	25	36	98	77	128	137	76	126	135	77	128	137		
56	55.58	22	36	85	75	125	134	74	123	132	76	125	134		
63	63.88	19	36	74	73	121	130	72	120	128	73	121	130		
71	70.29	17	36	67	71	118	127	71	117	125	71	119	127		
80	80.78	15	36	59	71	117	126	70	116	124	71	118	126		
90	90.87	13	36	53	70	-	124	68	-	121	70	-	124		
100	104.43	11	36	46	69	-	122	67	-	119	69	-	122		
112	112.56	11	36	43	67	-	118	65	-	115	67	-	118		
125	129.36	9	36	37	66	-	117	64	-	114	66	-	117		
140	140.84	9	36	34	57	-	102	57	-	101	57	-	102		
160	161.86	7.4	36	30	57	-	101	56	-	100	57	-	101		
180	174.45	6.9	36	28	55	-	98	55	-	97	55	-	98		
200	200.48	6.0	36	24	54	-	97	54	-	96	54	-	97		
224	219.05	5.5	36	22	43	-	76	43	-	76	43	-	76		
250	251.74	4.8	36	19	42	-	75	42	-	75	42	-	75		
280	287.44	4.2	36	17	42	-	74	42	-	74	42	-	74		
315	318.38	3.8	36	15	38	-	68	38	-	68	38	-	68		
355	363.52	3.3	36	13	38	-	67	38	-	67	38	-	67		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W08 R/T - 1200 rpm

W08 - n1 = 1200 rpm														46 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.97	151	37	610	*	280	289	*	232	240	*	269	278	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
9	9.16	131	40	574	*	268	277	*	225	233	*	261	270		
10	9.58	125	40	549	153	254	262	134	222	229	150	249	257		
11.2	11.02	109	41	489	148	245	253	128	213	220	146	242	250		
12.5	12.17	99	41	443	134	222	229	123	204	211	133	220	227		
14	14.00	86	41	385	129	215	222	119	197	204	129	214	221		
16	15.28	79	41	353	117	193	200	111	183	190	116	193	199		
18	17.58	68	46	344	112	186	192	107	177	183	112	185	192		
20	19.92	60	38	251	127	210	221	117	194	204	126	210	220		
22.4	22.91	52	43	247	121	202	212	112	186	196	121	202	212		
25	24.94	48	46	242	121	200	211	113	187	197	121	201	211		
28	28.68	42	46	211	117	194	204	109	180	189	117	195	205		
31.5	31.40	38	46	193	92	153	161	90	149	157	92	153	161		
35.5	36.11	33	46	167	90	150	158	88	145	153	90	150	158		
40	38.10	31	46	159	99	164	173	96	160	168	99	164	173		
45	43.83	27	46	138	96	160	168	94	156	164	97	160	169		
50	47.97	25	46	126	94	155	163	91	151	159	94	156	164		
56	55.18	22	46	110	91	151	159	88	147	154	91	152	159		
63	60.23	20	46	100	80	133	140	79	131	138	80	134	140		
71	69.28	17	46	87	79	130	137	77	128	135	79	131	137		
80	79.63	15	46	76	76	126	133	75	125	131	76	126	133		
90	87.62	14	46	69	74	123	130	74	122	128	74	123	130		
100	100.70	12	46	60	74	122	129	73	121	127	74	122	129		
112	113.28	11	46	54	72	-	126	71	-	124	73	-	127		
125	130.18	9	46	47	72	-	125	70	-	122	72	-	125		
140	140.31	9	46	44	69	-	121	68	-	118	69	-	121		
160	161.25	7	46	38	69	-	120	67	-	117	69	-	120		
180	175.56	7	46	35	60	-	104	59	-	103	60	-	104		
200	201.76	5.9	46	30	59	-	103	59	-	102	59	-	103		
224	217.46	5.5	46	28	57	-	100	57	-	99	57	-	100		
250	249.92	4.8	46	25	57	-	99	56	-	98	57	-	99		
280	273.06	4.4	46	23	45	-	78	44	-	77	45	-	78		
315	313.82	3.8	46	20	44	-	77	44	-	77	44	-	77		
355	358.31	3.3	46	17	44	-	76	43	-	76	44	-	76		
400	396.89	3.0	46	15	40	-	69	40	-	69	40	-	69		
450	453.16	2.6	46	14	39	-	69	39	-	68	39	-	69		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W09 R/T - 1200 rpm

W09 - n1 = 1200 rpm														58.5 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	189	44.2	901	*	300	325	*	245	266	*	288	312	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	163	51	899	*	287	311	*	239	259	*	279	303		
8	7.64	157	52	881	*	274	297	*	235	255	*	269	291		
9	8.84	136	53	777	*	265	287	*	226	245	*	261	283		
10	9.71	124	53	707	*	239	259	*	217	236	*	237	257		
11.2	11.23	107	56	646	*	231	250	*	210	228	*	230	249		
12.5	12.19	98	56	595	*	199	216	*	188	204	*	198	215		
14	14.10	85	58.5	537	*	194	210	*	183	198	*	193	210		
16	15.79	76	50	416	105	174	191	99	164	180	105	174	190		
18	18.26	66	57	410	102	169	185	96	159	174	101	168	184		
20	19.69	61	58.5	391	101	168	184	96	160	175	101	168	184		
22.4	22.77	53	58.5	338	99	165	180	94	156	171	99	165	181		
25	24.67	49	58.5	312	123	205	224	116	192	210	124	206	225		
28	28.53	42	58.5	269	120	199	218	111	185	203	121	200	219		
31.5	30.52	39	58.5	252	110	182	199	106	175	192	110	182	200		
35.5	35.30	34	58.5	218	107	178	194	103	171	187	107	178	195		
40	38.23	31	58.5	201	104	172	188	100	165	181	104	173	189		
45	44.22	27	58.5	174	101	168	184	97	161	176	102	169	185		
50	48.01	25	58.5	160	93	154	168	90	150	164	93	154	169		
56	55.53	22	58.5	138	90	150	164	88	146	160	91	151	165		
63	63.09	19	58.5	122	87	144	158	86	142	156	87	145	158		
71	70.23	17	58.5	109	85	141	155	84	139	152	85	141	155		
80	79.79	15	58.5	96	84	140	153	83	137	150	84	140	153		
90	90.78	13	58.5	86	82	-	149	80	-	144	82	-	150		
100	103.15	12	58.5	76	81	-	148	78	-	142	81	-	148		
112	112.70	11	58.5	69	79	-	144	77	-	139	80	-	144		
125	128.05	9	58.5	61	78	-	143	75	-	137	79	-	143		
140	140.70	9	58.5	56	67	-	121	66	-	120	67	-	121		
160	159.86	7.5	58.5	49	66	-	120	65	-	119	66	-	120		
180	174.67	6.9	58.5	45	64	-	117	64	-	116	65	-	117		
200	198.46	6.0	58.5	39	64	-	116	63	-	115	64	-	116		
224	219.33	5.5	58.5	36	55	-	100	55	-	100	55	-	101		
250	249.20	4.8	58.5	31	55	-	99	54	-	99	55	-	99		
280	283.90	4.2	58.5	28	53	-	97	53	-	96	53	-	97		
315	315.17	3.8	58.5	25	49	-	89	49	-	88	49	-	89		
355	359.05	3.3	58.5	22	48	-	86	47	-	86	48	-	86		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W10 R/T - 1200 rpm

W10 - n1 = 1200 rpm														67 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.16	168	50	905	*	310	331	*	250	268	*	295	315	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	145	57	894	*	296	317	*	245	262	*	287	307		
9	8.61	139	58	873	*	283	303	*	241	258	*	276	296		
10	9.93	121	60	783	*	273	293	*	232	248	*	269	288		
11.2	10.94	110	60	710	*	247	264	*	224	239	*	244	261		
12.5	12.62	95	63	647	*	239	255	*	217	232	*	237	253		
14	13.74	87	63	594	*	206	220	*	194	208	*	205	219		
16	15.84	76	67	548	*	200	214	*	189	202	*	199	213		
18	17.79	67	56	414	102	169	183	96	159	172	102	170	184		
20	20.51	59	64	410	98	163	177	93	154	166	99	164	178		
22.4	22.18	54	67	397	105	175	189	100	166	180	105	174	189		
25	25.58	47	67	344	103	171	185	98	162	176	103	171	185		
28	27.79	43	67	317	127	210	228	119	197	213	127	211	229		
31.5	32.05	37	67	275	123	204	221	114	190	206	124	205	222		
35.5	34.38	35	67	256	112	187	202	108	180	195	113	187	203		
40	39.65	30	67	222	110	182	197	105	175	189	110	183	198		
45	43.08	28	67	204	106	176	191	102	170	184	107	177	192		
50	49.67	24	67	177	104	172	186	99	165	178	104	173	187		
56	54.09	22	67	163	95	157	171	93	154	167	95	158	171		
63	62.37	19	67	141	93	154	167	90	150	162	93	154	167		
71	70.87	17	67	124	89	148	160	88	146	158	89	148	161		
80	78.88	15	67	112	87	145	157	86	142	154	87	145	157		
90	89.63	13	67	98	86	143	155	85	141	153	87	144	156		
100	101.98	12	67	88	84	-	152	82	-	147	84	-	152		
112	115.86	10	67	77	83	-	150	80	-	145	84	-	150		
125	126.60	9	67	71	81	-	146	79	-	141	82	-	147		
140	143.84	8	67	62	80	-	145	77	-	139	81	-	145		
160	158.05	8	67	57	68	-	123	68	-	121	68	-	123		
180	179.57	6.7	67	50	68	-	122	67	-	120	68	-	122		
200	196.21	6.1	67	46	66	-	119	65	-	118	66	-	119		
224	222.93	5.4	67	40	65	-	118	65	-	116	65	-	118		
250	246.38	4.9	67	36	57	-	102	56	-	101	57	-	102		
280	279.93	4.3	67	32	56	-	101	56	-	100	56	-	101		
315	318.90	3.8	67	28	55	-	98	54	-	98	55	-	98		
355	354.02	3.4	67	25	50	-	90	50	-	90	50	-	90		
400	403.32	3.0	67	22	49	-	88	49	-	87	49	-	88		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W11 R/T - 1200 rpm

W11 - n1 = 1200 rpm														80 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	189	58.5	1192	*	366	362	*	*	279	*	348	344	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	163	67	1181	*	351	347	*	*	273	*	340	336		
8	7.64	157	67	1136	*	335	331	*	*	263	*	328	324		
9	8.84	136	68	996	*	324	320	*	*	252	*	320	317		
10	9.71	124	68	907	*	321	317	*	270	267	*	319	315		
11.2	11.23	107	70	807	*	311	307	*	259	256	*	310	307		
12.5	12.19	98	70	744	*	256	253	*	235	233	*	255	252		
14	14.10	85	80	735	*	247	244	*	229	226	*	246	244		
16	15.89	76	73	604	176	293	292	153	253	252	177	294	293		
18	18.38	65	80	572	169	280	279	147	245	244	170	282	281		
20	20.22	59	80	520	168	279	278	148	246	245	170	282	281		
22.4	23.39	51	80	450	163	271	270	142	236	235	165	274	273		
25	24.75	48	80	425	157	260	259	141	234	234	159	263	262		
28	28.63	42	80	367	152	253	252	136	225	224	155	256	255		
31.5	30.89	39	80	340	141	234	233	132	219	218	142	236	235		
35.5	35.73	34	80	294	138	228	228	128	212	211	139	231	230		
40	37.82	32	80	278	134	223	222	125	207	206	136	225	224		
45	43.74	27	80	240	131	217	216	121	200	199	132	220	219		
50	47.48	25	80	221	121	200	200	115	191	190	122	202	201		
56	54.92	22	80	191	118	196	195	112	185	185	119	198	197		
63	63.05	19	80	167	113	188	187	110	183	182	114	189	188		
71	69.46	17	80	151	111	183	183	107	178	178	111	184	184		
80	79.73	15	80	132	107	178	177	104	172	172	108	179	178		
90	88.35	14	80	121	105	-	173	99	-	163	105	-	174		
100	101.41	12	80	105	101	-	168	95	-	157	102	-	168		
112	111.23	11	80	96	100	-	165	93	-	154	100	-	165		
125	127.68	9	80	84	96	-	159	90	-	148	97	-	160		
140	136.93	9	80	78	85	-	140	83	-	137	85	-	140		
160	157.17	7.6	80	68	82	-	136	81	-	133	82	-	136		
180	172.39	7.0	80	62	81	-	134	79	-	131	81	-	134		
200	197.88	6.1	80	54	78	-	130	77	-	127	78	-	130		
224	216.47	5.5	80	49	68	-	112	67	-	111	68	-	112		
250	248.47	4.8	80	43	66	-	109	65	-	108	66	-	109		
280	285.56	4.2	80	37	65	-	107	64	-	106	65	-	107		
315	314.25	3.8	80	34	61	-	100	60	-	99	61	-	100		
355	361.15	3.3	80	30	59	-	98	59	-	98	59	-	98		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W12 R/T - 1200 rpm

W12 - n1 = 1200 rpm														92 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.16	168	66	1194	*	376	368	*	*	281	*	354	346	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	145	75	1177	*	361	353	*	*	276	*	347	340		
9	8.61	139	75	1128	*	344	337	*	*	265	*	335	328		
10	9.93	121	76	991	*	333	326	*	261	255	*	328	321		
11.2	10.94	110	76	900	*	331	324	*	277	270	*	327	320		
12.5	12.62	95	78	801	*	320	313	*	265	260	*	319	311		
14	13.74	87	78	736	*	263	258	*	242	237	*	262	256		
16	15.84	76	90	736	*	254	248	*	235	230	*	253	248		
18	17.90	67	82	602	179	298	295	155	257	255	180	298	296		
20	20.64	58	92	586	172	285	282	150	248	246	173	286	284		
22.4	22.78	53	92	531	171	284	281	151	250	248	173	286	284		
25	26.27	46	92	460	166	275	272	144	240	237	168	278	276		
28	27.89	43	92	434	159	264	262	144	238	236	161	267	265		
31.5	32.16	37	92	376	154	256	254	138	229	227	157	260	257		
35.5	34.81	34	92	347	143	238	235	134	223	220	144	240	237		
40	40.14	30	92	301	140	232	229	130	215	213	141	234	232		
45	42.61	28	92	284	136	226	224	127	210	208	138	228	226		
50	49.13	24	92	246	132	220	218	122	203	201	134	223	221		
56	53.50	22	92	226	123	203	201	117	194	192	124	205	203		
63	61.70	19	92	196	120	198	197	113	188	186	121	200	198		
71	70.82	17	92	171	115	190	189	112	186	184	115	191	189		
80	78.03	15	92	155	112	186	184	109	181	179	113	187	185		
90	89.56	13	92	135	109	180	179	105	175	173	109	181	179		
100	99.24	12	92	124	106	-	175	100	-	165	107	-	175		
112	113.91	11	92	108	103	-	169	96	-	158	103	-	170		
125	124.94	10	92	98	101	-	166	95	-	156	101	-	167		
140	143.42	8	92	86	98	-	161	91	-	150	98	-	161		
160	153.81	8	92	80	86	-	141	84	-	138	86	-	141		
180	176.55	6.8	92	70	83	-	137	82	-	134	83	-	137		
200	193.64	6.2	92	64	82	-	135	80	-	132	82	-	135		
224	222.28	5.4	92	55	80	-	131	78	-	128	80	-	131		
250	243.16	4.9	92	51	69	-	113	68	-	112	69	-	113		
280	279.11	4.3	92	44	67	-	110	66	-	109	67	-	110		
315	320.76	3.7	92	38	66	-	108	65	-	107	66	-	108		
355	352.99	3.4	92	35	61	-	101	61	-	100	61	-	101		
400	405.67	3.0	92	30	60	-	99	60	-	98	60	-	99		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 Right angle T only 3 and 4 stages.
 1) Forced lubrication.

Selection Tables

Right Angle Gearbox W13 R/T - 1200 rpm

W13 - n1 = 1200 rpm														115 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
6.3	6.35	189	89	1814 ¹⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	163	103	1815 ¹⁾	*	*	*	*	*	*	*	*	*	*		
8	7.64	157	106	1797 ¹⁾	*	*	*	*	*	*	*	*	*	*		
9	8.84	136	110	1612 ¹⁾	*	*	*	*	*	*	*	*	*	*		
10	9.71	124	110	1468	*	406	413	*	*	*	*	403	410	*		
11.2	11.23	107	112	1292	*	393	399	*	*	*	*	393	400	*		
12.5	12.19	98	112	1190	*	359	364	*	313	318	*	358	364	*		
14	14.10	85	115	1056	*	349	354	*	301	306	*	350	355	*		
16	16.09	75	115	939	*	366	371	*	311	316	*	368	374	*		
18	18.61	64	115	812	213	353	359	*	298	303	215	357	363	*		
20	20.27	59	115	746	214	355	360	*	301	306	217	360	366	*		
22.4	23.45	51	115	645	206	343	348	173	287	291	211	349	355	*		
25	24.45	49	115	618	201	333	338	174	288	293	205	340	345	*		
28	28.28	42	115	534	194	322	327	166	275	279	199	330	335	*		
31.5	30.58	39	115	494	181	301	305	165	274	278	184	305	310	*		
35.5	35.38	34	115	427	176	292	297	159	264	268	179	297	302	*		
40	38.30	31	115	395	175	291	295	158	262	266	179	297	301	*		
45	44.30	27	115	341	170	282	286	151	251	255	174	288	293	*		
50	48.09	25	115	314	153	254	258	143	237	241	155	257	261	*		
56	55.63	22	115	272	149	247	251	138	229	233	151	251	255	*		
63	62.68	19	115	241	144	239	242	138	229	233	145	241	245	*		
71	70.35	17	115	215	140	232	236	134	222	225	141	234	238	*		
80	79.27	15	115	191	136	225	229	129	214	218	137	228	231	*		
90	89.83	13	115	171	109	-	184	101	-	171	110	-	185	*		
100	101.22	12	115	152	107	-	180	98	-	166	107	-	180	*		
112	112.54	11	115	137	105	-	177	97	-	164	105	-	178	*		
125	126.81	9	115	121	102	-	173	94	-	158	103	-	173	*		
140	139.23	9	115	110	109	-	184	105	-	178	109	-	184	*		
160	156.87	7.6	115	98	106	-	179	102	-	172	106	-	179	*		
180	174.43	6.9	115	88	104	-	175	100	-	169	104	-	175	*		
200	196.54	6.1	115	78	101	-	170	97	-	164	101	-	170	*		
224	219.03	5.5	115	70	91	-	154	90	-	152	91	-	154	*		
250	246.79	4.9	115	62	89	-	150	87	-	147	89	-	150	*		
280	280.40	4.3	115	55	87	-	147	86	-	144	87	-	147	*		
315	312.12	3.8	115	49	81	-	136	80	-	134	81	-	136	*		
355	354.62	3.4	115	43	79	-	133	78	-	132	79	-	133	*		
															4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W14 R/T - 1200 rpm

W14 - n1 = 1200 rpm														132 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.16	168	100	1809 ¹⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	145	115	1804 ¹⁾	*	*	*	*	*	*	*	*	*	*		
9	8.61	139	118	1775 ¹⁾	*	*	*	*	*	*	*	*	*	*		
10	9.93	121	125	1631 ¹⁾	*	*	*	*	*	*	*	*	*	*		
11.2	10.94	110	125	1480	*	415	418	*	*	*	*	410	413			
12.5	12.62	95	128	1314	*	402	405	*	*	*	*	401	404			
14	13.74	87	128	1207	*	366	369	*	319	321	*	365	367			
16	15.84	76	132	1079	*	356	359	*	308	311	*	357	360			
18	18.13	66	132	957	*	349	362	*	297	308	*	351	364			
20	20.90	57	132	830	*	339	351	*	286	296	*	342	354	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163	
22.4	22.84	53	132	760	204	339	351	*	288	298	207	344	356			
25	26.34	46	132	659	198	328	340	*	275	285	202	335	346			
28	27.55	44	132	630	192	318	329	166	276	286	195	324	336			
31.5	31.77	38	132	546	186	309	320	159	264	273	190	316	327			
35.5	34.46	35	132	503	173	287	297	158	262	271	175	291	301			
40	39.74	30	132	437	169	280	290	152	253	262	171	285	295			
45	43.15	28	132	402	167	278	288	151	251	260	171	283	293			
50	49.76	24	132	349	163	270	280	145	241	250	166	276	286			
56	54.19	22	132	320	146	243	251	137	227	235	148	246	254			
63	62.48	19	132	278	143	237	245	132	220	227	145	240	249			
71	70.40	17	132	246	137	228	236	132	219	227	139	230	238			
80	79.02	15	132	220	134	223	230	128	213	220	135	225	233			
90	89.04	13	132	195	130	216	223	124	206	213	131	218	226			
100	100.91	12	132	175	105	-	180	97	-	167	105	-	180	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	
112	113.70	11	132	155	102	-	176	94	-	162	102	-	176			
125	126.42	9	132	140	101	-	173	93	-	160	101	-	173			
140	142.44	8	132	124	98	-	168	90	-	155	98	-	169			
160	156.39	8	132	113	104	-	179	101	-	174	104	-	179			
180	176.21	6.8	132	100	101	-	174	98	-	168	102	-	175			
200	195.93	6.1	132	90	99	-	171	96	-	165	100	-	171			
224	220.77	5.4	132	80	97	-	166	93	-	160	97	-	166			
250	246.03	4.9	132	72	88	-	150	86	-	148	88	-	151			
280	277.22	4.3	132	64	85	-	146	84	-	144	85	-	147			
315	314.97	3.8	132	56	84	-	144	82	-	141	84	-	144			
355	350.60	3.4	132	50	77	-	133	76	-	131	77	-	133			
400	398.34	3.0	132	44	76	-	130	75	-	129	76	-	130			

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 Right angle T only 3 and 4 stages.
 1) Forced lubrication.

Selection Tables

Right Angle Gearbox W15 R/T - 1200 rpm

W15 - n1 = 1200 rpm														158 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
6.3	6.35	189	118	2407 ¹⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.41	162	132	2307 ¹⁾	*	*	*	*	*	*	*	*	*	*		
8	7.64	157	132	2239 ¹⁾	*	*	*	*	*	*	*	*	*	*		
9	8.91	135	138	2006 ¹⁾	*	*	*	*	*	*	*	*	*	*		
10	9.70	124	138	1843	*	*	*	*	*	*	*	*	*	*		
11.2	11.32	106	143	1636	*	444	429	*	*	*	*	447	431	*		
12.5	12.18	99	143	1521	*	408	394	*	*	*	*	407	393	*		
14	14.22	84	158	1440	*	393	379	*	*	*	*	394	380	*		
16	15.48	78	125	1061	*	420	413	*	333	327	*	425	417	*		
18	18.07	66	145	1055	*	402	394	*	322	316	*	407	400	*		
20	19.51	62	155	1044	*	404	396	*	330	324	*	412	405	*		
22.4	22.77	53	158	912	233	387	380	*	314	308	239	397	389	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163	
25	24.41	49	158	851	218	361	355	*	321	315	220	366	359			
28	28.49	42	158	729	211	350	344	185	307	301	214	355	349			
31.5	30.56	39	158	680	196	326	320	182	302	296	198	329	323			
35.5	35.67	34	158	582	191	317	311	175	291	286	193	320	314			
40	38.23	31	158	543	187	311	305	173	287	281	190	315	309			
45	44.63	27	158	465	182	302	296	166	276	271	185	306	301			
50	48.01	25	158	433	163	271	266	155	257	253	165	274	268			
56	56.04	21	158	371	159	264	260	150	249	245	161	267	262			
63	63.19	19	158	329	154	255	250	149	247	243	155	257	252			
71	70.87	17	158	293	150	249	244	145	240	236	151	251	246			
80	79.92	15	158	260	147	245	240	142	236	231	149	246	242			
90	90.49	13	158	233	117	-	191	111	-	181	118	-	192	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	
100	102.05	12	158	207	116	-	189	109	-	177	116	-	189			
112	113.38	11	158	186	113	-	184	107	-	174	113	-	185			
125	127.85	9	158	165	111	-	181	104	-	170	112	-	182			
140	140.25	9	158	151	117	-	191	115	-	187	117	-	191			
160	158.16	7.6	158	134	115	-	188	112	-	183	115	-	188			
180	175.72	6.8	158	120	112	-	183	109	-	178	112	-	183			
200	198.15	6.1	158	107	110	-	179	107	-	175	110	-	180			
224	220.64	5.4	158	96	99	-	161	98	-	159	99	-	161			
250	248.82	4.8	158	85	97	-	159	96	-	156	97	-	159			
280	282.70	4.2	158	75	96	-	156	94	-	154	96	-	156			
315	314.68	3.8	158	67	89	-	144	88	-	143	89	-	144			
355	357.53	3.4	158	59	87	-	142	86	-	141	87	-	142			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W16 R/T - 1200 rpm

W16 - n1 = 1200 rpm														178 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.11	169	132	2406 ¹⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.27	145	146	2287 ¹⁾	*	*	*	*	*	*	*	*	*	*		
9	8.55	140	146	2213 ¹⁾	*	*	*	*	*	*	*	*	*	*		
10	9.95	121	154	2006 ¹⁾	*	*	*	*	*	*	*	*	*	*		
11.2	10.86	111	154	1837	*	*	*	*	*	*	*	*	*	*		
12.5	12.64	95	160	1640	*	450	432	*	*	*	*	451	432	*		
14	13.64	88	160	1520	*	415	397	*	*	*	*	412	395	*		
16	15.87	76	178	1453	*	399	382	*	*	*	*	399	382	*		
18	17.33	69	140	1062	*	429	418	*	339	331	*	432	422	*		
20	20.17	60	160	1043	*	409	399	*	328	320	*	414	404	*		
22.4	21.84	55	170	1023	*	411	401	*	338	329	*	419	409	*		
25	25.41	47	178	921	238	394	385	*	319	312	243	404	394	*		
28	27.32	44	178	856	221	367	357	*	325	317	223	371	362	*		
31.5	31.79	38	178	736	214	355	346	187	311	303	217	360	351	*		
35.5	34.21	35	178	684	199	330	322	185	306	299	201	333	325	*		
40	39.80	30	178	588	193	321	313	178	295	288	195	324	316	*		
45	42.80	28	178	547	190	315	307	175	291	284	192	319	311	*		
50	49.80	24	178	470	184	306	298	169	280	273	187	310	303	*		
56	53.74	22	178	435	166	275	268	157	261	255	167	278	271	*		
63	62.53	19	178	374	162	268	261	152	253	247	163	271	264	*		
71	70.52	17	178	332	156	259	253	151	251	245	157	260	254	*		
80	79.09	15	178	296	152	252	246	147	244	238	153	254	248	*		
90	89.19	13	178	262	149	248	242	144	239	233	151	250	244	*		
100	100.99	12	178	236	119	-	193	113	-	182	119	-	193	*		
112	113.88	11	178	209	117	-	190	111	-	179	118	-	191	*		
125	126.52	9	178	188	115	-	186	108	-	175	115	-	186	*		
140	142.68	8	178	167	113	-	183	106	-	172	113	-	183	*		
160	156.52	8	178	152	119	-	192	116	-	188	119	-	193	*		
180	176.50	6.8	178	135	117	-	189	114	-	184	117	-	189	*		
200	196.09	6.1	178	121	114	-	184	111	-	180	114	-	184	*		
224	221.13	5.4	178	108	112	-	181	109	-	176	112	-	181	*		
250	246.23	4.9	178	97	100	-	163	99	-	161	101	-	163	*		
280	277.67	4.3	178	86	99	-	160	97	-	158	99	-	160	*		
315	315.48	3.8	178	75	97	-	157	96	-	155	97	-	157	*		
355	351.17	3.4	178	68	90	-	145	89	-	144	90	-	145	*		
400	398.99	3.0	178	60	88	-	143	88	-	142	88	-	143	*		
															4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 Right angle T only 3 and 4 stages.
 1) Forced lubrication.

Selection Tables

Right Angle Gearbox W05 R/T - 1000 rpm

W05 - n1 = 1000 rpm														22 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.26	160	19.5	336	*	105	152	*	101	146	*	104	150	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.25	138	19.5	290	*	102	148	*	98	142	*	102	147		
8	7.64	131	19.5	275	91	135	196	86	127	185	91	135	196		
9	8.84	113	19.5	238	89	132	190	83	124	179	89	131	190		
10	9.71	103	19.5	217	79	118	170	77	114	165	79	117	170		
11.2	11.23	89	19.5	187	77	114	165	74	110	160	77	114	165		
12.5	12.19	82	19.5	173	69	102	147	67	100	144	69	102	147		
14	14.10	71	22	168	66	98	141	65	96	139	66	98	141		
16	16.23	62	19.2	130	78	115	167	75	111	161	78	115	166	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163
18	18.77	53	22	128	74	110	159	72	106	154	74	110	159		
20	20.48	49	22	118	75	111	160	73	107	155	75	111	160		
22.4	23.69	42	22	102	72	107	155	70	104	150	73	108	155		
25	25.10	40	22	96	74	110	160	72	107	155	74	110	160		
28	29.04	34	22	83	72	107	154	70	104	150	72	107	155		
31.5	30.89	32	22	78	61	90	130	60	89	128	61	90	130		
35.5	35.73	28	22	67	59	88	127	58	87	125	59	88	127		
40	38.35	26	22	63	59	87	126	58	86	125	59	87	126		
45	44.36	23	22	54	57	85	123	57	84	122	57	85	123		
50	48.16	21	22	50	52	77	111	51	76	110	52	77	111		
56	55.70	18	22	43	51	75	109	50	75	108	51	75	109		
63	63.46	16	22	38	52	77	111	51	76	110	52	77	111		
71	70.45	14	22	34	48	71	103	48	71	103	48	71	103		
80	80.26	12	22	30	47	69	100	47	69	100	47	69	100		
90	91.07	11	22	27	45	-	97	45	-	96	45	-	97	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	103.75	10	22	24	44	-	95	44	-	93	44	-	95		
112	113.13	9	22	22	43	-	93	43	-	92	43	-	93		
125	128.88	8	22	19	42	-	90	42	-	89	42	-	90		
140	141.15	7	22	17	33	-	71	33	-	71	33	-	71		
160	160.80	6.2	22	15	32	-	69	32	-	69	32	-	69		
180	175.33	5.7	22	14	32	-	68	32	-	68	32	-	68		
200	199.75	5.0	22	12	31	-	67	31	-	66	31	-	67		
224	220.16	4.5	22	11	29	-	62	29	-	62	29	-	62		
250	250.82	4.0	22	10	28	-	61	28	-	61	28	-	61		
280	283.90	3.5	22	9	27	-	57	27	-	57	27	-	57		
315	317.21	3.2	22	8	27	-	58	27	-	58	27	-	58		
355	359.05	2.8	22	7	26	-	57	26	-	57	26	-	57		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W06 R/T - 1000 rpm

W06 - n1 = 1000 rpm														28 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.85	127	24.5	337	*	118	161	*	113	154	*	117	159	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
9	9.03	111	24.5	293	*	115	157	*	110	150	*	114	155		
10	9.58	104	24.5	276	104	154	210	97	144	197	103	153	208		
11.2	11.02	91	24.5	240	100	148	202	94	139	189	99	147	201		
12.5	12.17	82	24.5	217	89	132	181	86	128	175	89	132	180		
14	14.00	71	24.5	189	87	128	175	84	124	169	86	128	175		
16	15.28	65	24.5	173	77	114	156	76	112	153	77	114	156		
18	17.58	57	28	172	74	110	150	73	108	147	74	110	150		
20	20.34	49	24	129	84	124	173	81	119	167	83	124	173		
22.4	23.40	43	27	126	80	118	165	77	114	159	79	118	165		
25	25.67	39	28	119	80	119	166	78	115	161	80	119	166		
28	29.53	34	28	104	77	115	160	75	111	155	77	115	161		
31.5	31.47	32	28	97	80	119	166	78	115	161	80	119	166		
35.5	36.19	28	28	85	77	114	160	75	111	155	77	114	160		
40	38.73	26	28	79	65	96	134	64	95	133	65	96	134		
45	44.55	22	28	69	63	94	131	63	93	130	63	94	131		
50	48.08	21	28	64	63	94	131	62	93	129	63	94	131		
56	55.30	18	28	55	61	91	127	61	90	126	61	91	127		
63	60.37	17	28	51	56	82	115	55	82	114	56	82	115		
71	69.44	14	28	44	54	80	112	54	80	111	54	80	112		
80	79.11	13	28	39	53	78	109	52	78	109	53	78	109		
90	87.82	11	28	35	51	76	107	51	76	106	51	76	107		
100	100.05	10	28	31	50	74	104	50	74	103	50	74	104		
112	113.53	9	28	27	49	-	101	48	-	100	49	-	101		
125	129.34	8	28	24	47	-	98	47	-	97	47	-	98		
140	141.02	7	28	22	46	-	96	46	-	95	46	-	96		
160	160.66	6	28	19	45	-	93	45	-	92	45	-	93		
180	175.95	6	28	18	35	-	73	35	-	73	35	-	73		
200	200.45	5.0	28	16	34	-	71	34	-	71	34	-	71		
224	218.57	4.6	28	14	34	-	71	34	-	70	34	-	71		
250	249.00	4.0	28	13	33	-	69	33	-	69	33	-	69		
280	274.45	3.6	28	11	30	-	62	30	-	62	30	-	62		
315	312.66	3.2	28	10	29	-	61	29	-	61	29	-	61		
355	353.90	2.8	28	9	29	-	59	29	-	59	29	-	59		
400	395.43	2.5	28	8	29	-	60	29	-	60	29	-	60		
450	447.58	2.2	28	7	28	-	59	28	-	58	28	-	59		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Ortogonal T somente 3 e 4 estágios.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W07 R/T - 1000 rpm

W07 - n1 = 1000 rpm														36 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	157	29.5	501	*	237	280	*	210	248	*	233	275	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	136	31.5	463	*	227	268	*	202	239	*	224	265		
8	7.64	131	31.5	445	145	214	253	132	196	231	143	213	251		
9	8.84	113	32.5	397	140	207	244	127	189	223	139	206	243		
10	9.71	103	32.5	361	126	187	221	119	177	209	126	186	220		
11.2	11.23	89	32.5	312	122	181	214	115	171	202	122	181	213		
12.5	12.19	82	32.5	288	110	163	192	106	157	186	110	162	192		
14	14.10	71	36	276	105	156	184	102	151	179	105	156	184		
16	15.89	63	31	214	122	180	216	114	169	203	122	180	216	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163
18	18.38	54	35	209	116	172	206	109	162	194	116	172	206		
20	19.89	50	36	198	115	171	205	109	162	195	116	171	205		
22.4	23.01	43	36	171	111	164	196	105	156	187	111	164	197		
25	25.05	40	36	157	87	129	155	86	127	152	87	129	155		
28	28.97	35	36	136	86	127	152	84	124	149	86	127	152		
31.5	30.39	33	36	130	93	139	166	92	136	163	94	139	166		
35.5	35.16	28	36	112	91	135	162	89	133	159	91	135	162		
40	38.27	26	36	103	88	131	157	87	129	154	89	131	157		
45	44.26	23	36	89	86	128	153	84	125	150	86	128	154		
50	48.05	21	36	82	76	113	135	75	111	134	76	113	135		
56	55.58	18	36	71	74	110	132	74	109	131	74	110	132		
63	63.88	16	36	62	72	107	128	71	106	127	72	107	128		
71	70.29	14	36	56	70	104	125	70	104	124	70	104	125		
80	80.78	12	36	49	70	104	124	69	103	123	70	104	124		
90	90.87	11	36	44	69	-	122	67	-	120	69	-	122	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	104.43	10	36	38	68	-	121	67	-	118	68	-	121		
112	112.56	9	36	36	66	-	117	65	-	115	66	-	117		
125	129.36	8	36	31	65	-	115	64	-	113	65	-	115		
140	140.84	7	36	28	56	-	100	56	-	100	56	-	100		
160	161.86	6.2	36	25	56	-	99	56	-	99	56	-	99		
180	174.45	5.7	36	23	54	-	96	54	-	96	54	-	96		
200	200.48	5.0	36	20	54	-	95	53	-	95	54	-	95		
224	219.05	4.6	36	18	42	-	75	42	-	75	42	-	75		
250	251.74	4.0	36	16	42	-	74	42	-	74	42	-	75		
280	287.44	3.5	36	14	41	-	74	41	-	73	41	-	74		
315	318.38	3.1	36	13	38	-	67	38	-	67	38	-	67		
355	363.52	2.8	36	11	37	-	66	37	-	66	37	-	66		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W08 R/T - 1000 rpm

W08 - n1 = 1000 rpm														46 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
8	7.97	126	37	501	*	249	288	*	218	252	*	242	280	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
9	9.16	109	40	471	*	238	275	*	210	243	*	233	270		
10	9.58	104	40	451	152	225	261	138	205	237	150	222	257		
11.2	11.02	91	41	402	147	217	251	133	197	228	145	215	249		
12.5	12.17	82	41	364	133	196	227	125	185	214	132	195	226		
14	14.00	71	41	316	128	190	220	121	179	207	128	189	219		
16	15.28	65	41	290	115	171	198	111	165	191	115	171	197		
18	17.58	57	46	282	111	164	190	107	159	184	111	164	190		
20	19.92	50	38	209	125	185	218	118	175	207	125	185	218		
22.4	22.91	44	43	206	120	178	209	114	168	198	120	178	209		
25	24.94	40	46	202	119	177	208	114	168	198	119	177	208		
28	28.68	35	46	176	115	171	201	110	162	191	116	171	202		
31.5	31.40	32	46	160	91	135	159	89	132	156	91	135	159		
35.5	36.11	28	46	140	89	132	155	87	129	152	89	132	155		
40	38.10	26	46	132	98	145	170	96	142	167	98	145	170		
45	43.83	23	46	115	95	141	166	93	138	163	95	141	166		
50	47.97	21	46	105	92	137	161	90	134	158	92	137	161		
56	55.18	18	46	91	90	133	157	88	130	153	90	133	157		
63	60.23	17	46	84	79	117	138	78	116	137	79	117	138		
71	69.28	14	46	73	77	115	135	77	114	134	78	115	135		
80	79.63	13	46	63	75	111	131	75	110	130	75	111	131		
90	87.62	11	46	58	73	109	128	73	108	127	73	109	128		
100	100.70	10	46	50	73	108	127	72	107	126	73	108	127		
112	113.28	9	46	45	71	-	125	70	-	123	71	-	125		
125	130.18	8	46	39	71	-	123	70	-	121	71	-	123		
140	140.31	7	46	37	68	-	119	67	-	117	68	-	119		
160	161.25	6	46	32	68	-	118	66	-	116	68	-	118		
180	175.56	6	46	29	59	-	103	59	-	102	59	-	103		
200	201.76	5.0	46	25	58	-	102	58	-	101	58	-	102		
224	217.46	4.6	46	24	57	-	99	56	-	98	57	-	99		
250	249.92	4.0	46	21	56	-	98	56	-	97	56	-	98		
280	273.06	3.7	46	19	44	-	77	44	-	77	44	-	77		
315	313.82	3.2	46	16	44	-	76	44	-	76	44	-	76		
355	358.31	2.8	46	14	43	-	75	43	-	75	43	-	75		
400	396.89	2.5	46	13	39	-	69	39	-	69	39	-	69		
450	453.16	2.2	46	11	39	-	68	39	-	68	39	-	68		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W09 R/T - 1000 rpm

W09 - n1 = 1000 rpm														58.5 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	157	44.2	751	*	267	324	*	231	280	*	260	315	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	136	51	749	*	255	309	*	224	272	*	250	304		
8	7.64	131	52	735	*	243	295	*	218	265	*	240	291		
9	8.84	113	53	647	*	235	285	*	210	255	*	233	283		
10	9.71	103	53	589	*	212	257	*	198	240	*	210	255		
11.2	11.23	89	56	538	*	204	248	*	191	232	*	204	247		
12.5	12.19	82	56	496	*	176	214	*	169	206	*	176	213		
14	14.10	71	58.5	448	116	171	208	*	165	200	115	171	208		
16	15.79	63	50	347	104	154	189	100	148	181	104	154	188	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163
18	18.26	55	57	342	100	149	183	96	143	175	100	149	182		
20	19.69	51	58.5	325	100	148	182	97	143	176	100	148	182		
22.4	22.77	44	58.5	281	98	145	178	94	140	172	98	145	178		
25	24.67	41	58.5	260	122	181	222	116	173	212	122	181	222		
28	28.53	35	58.5	225	119	176	216	113	167	205	119	177	217		
31.5	30.52	33	58.5	210	108	160	197	106	156	192	108	161	197		
35.5	35.30	28	58.5	182	106	157	192	103	152	187	106	157	192		
40	38.23	26	58.5	168	102	152	186	100	148	181	103	152	186		
45	44.22	23	58.5	145	100	148	181	97	144	176	100	149	182		
50	48.01	21	58.5	133	91	135	166	90	133	163	91	136	166		
56	55.53	18	58.5	115	89	132	162	88	130	159	90	133	163		
63	63.09	16	58.5	102	86	127	156	85	126	155	86	128	156		
71	70.23	14	58.5	91	84	125	153	83	123	151	84	125	153		
80	79.79	13	58.5	80	83	124	151	82	122	150	83	124	152		
90	90.78	11	58.5	72	81	-	147	79	-	144	81	-	147	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	103.15	10	58.5	63	80	-	146	78	-	142	80	-	146		
112	112.70	9	58.5	58	78	-	142	76	-	139	78	-	142		
125	128.05	8	58.5	51	78	-	141	75	-	137	78	-	141		
140	140.70	7	58.5	46	66	-	119	65	-	119	66	-	119		
160	159.86	6.3	58.5	41	65	-	118	65	-	117	65	-	118		
180	174.67	5.7	58.5	37	64	-	116	63	-	115	64	-	116		
200	198.46	5.0	58.5	33	63	-	115	63	-	114	63	-	115		
224	219.33	4.6	58.5	30	55	-	99	54	-	99	55	-	99		
250	249.20	4.0	58.5	26	54	-	98	54	-	98	54	-	98		
280	283.90	3.5	58.5	23	53	-	96	53	-	96	53	-	96		
315	315.17	3.2	58.5	21	48	-	88	48	-	88	48	-	88		
355	359.05	2.8	58.5	18	47	-	86	47	-	86	47	-	86		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W10 R/T - 1000 rpm

W10 - n1 = 1000 rpm														67 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.16	140	50	754	*	276	330	*	237	284	*	267	319	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	121	57	745	*	263	315	*	230	275	*	257	308		
9	8.61	116	58	727	*	251	301	*	224	269	*	247	296		
10	9.93	101	60	652	*	243	291	*	216	259	*	240	287		
11.2	10.94	91	60	592	*	219	262	*	204	245	*	217	260		
12.5	12.62	79	63	539	143	211	253	*	197	237	*	210	252		
14	13.74	73	63	495	123	182	218	*	175	210	*	181	217		
16	15.84	63	67	457	119	177	212	*	170	203	119	176	211		
18	17.79	56	56	345	101	150	181	96	143	173	101	150	182		
20	20.51	49	64	342	97	144	175	93	138	168	98	145	175		
22.4	22.18	45	67	331	104	154	187	100	149	180	104	154	186		
25	25.58	39	67	287	102	151	183	98	145	176	102	151	183		
28	27.79	36	67	264	125	185	225	120	177	215	126	186	226		
31.5	32.05	31	67	229	122	180	219	116	171	208	122	181	220		
35.5	34.38	29	67	213	111	164	199	108	160	195	111	165	200		
40	39.65	25	67	185	108	160	195	105	156	189	109	161	195		
45	43.08	23	67	170	105	156	189	102	151	184	105	156	189		
50	49.67	20	67	148	102	152	184	99	147	179	103	152	185		
56	54.09	18	67	136	94	139	168	92	137	166	94	139	169		
63	62.37	16	67	118	92	136	165	90	133	162	92	136	165		
71	70.87	14	67	104	88	131	158	87	129	157	88	131	159		
80	78.88	13	67	93	86	128	155	85	126	153	86	128	155		
90	89.63	11	67	82	85	127	154	84	125	152	86	127	154		
100	101.98	10	67	73	83	-	149	81	-	146	83	-	149		
112	115.86	9	67	64	82	-	148	80	-	144	82	-	148		
125	126.60	8	67	59	80	-	144	78	-	141	80	-	144		
140	143.84	7	67	52	79	-	143	77	-	139	80	-	143		
160	158.05	6	67	47	67	-	121	67	-	120	67	-	121		
180	179.57	5.6	67	42	67	-	120	66	-	119	67	-	120		
200	196.21	5.1	67	38	65	-	117	65	-	117	65	-	117		
224	222.93	4.5	67	33	65	-	116	64	-	115	65	-	116		
250	246.38	4.1	67	30	56	-	101	56	-	100	56	-	101		
280	279.93	3.6	67	27	56	-	100	55	-	99	56	-	100		
315	318.90	3.1	67	23	54	-	98	54	-	97	54	-	98		
355	354.02	2.8	67	21	50	-	89	50	-	89	50	-	89		
400	403.32	2.5	67	19	48	-	87	48	-	87	48	-	87		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 Right angle T only 3 and 4 stages.
 1) Forced lubrication.

Selection Tables

Right Angle Gearbox W11 R/T - 1000 rpm

W11 - n1 = 1000 rpm														80 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	157	58.5	994	*	327	362	*	271	300	*	316	349	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	136	67	984	*	313	347	*	264	292	*	307	339		
8	7.64	131	67	946	*	298	330	*	253	280	*	294	326		
9	8.84	113	68	830	*	289	320	*	243	269	*	287	317		
10	9.71	103	68	756	*	286	316	*	253	280	*	285	315		
11.2	11.23	89	70	673	*	277	306	*	243	269	*	277	306		
12.5	12.19	82	70	620	*	227	251	*	214	237	*	226	250		
14	14.10	71	80	612	*	219	242	*	207	230	*	219	242		
16	15.89	63	73	503	176	260	290	159	235	262	176	261	291	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163
18	18.38	54	80	477	168	249	278	153	226	252	169	250	279		
20	20.22	49	80	433	167	248	276	153	227	253	168	250	278		
22.4	23.39	43	80	375	162	241	268	147	218	243	164	243	271		
25	24.75	40	80	354	156	231	257	145	214	239	157	232	259		
28	28.63	35	80	306	151	224	250	140	207	231	153	226	253		
31.5	30.89	32	80	284	140	207	231	133	198	221	141	208	232		
35.5	35.73	28	80	245	136	202	225	129	192	214	137	204	227		
40	37.82	26	80	232	133	197	220	126	187	209	134	198	221		
45	43.74	23	80	200	130	192	214	122	182	202	131	194	216		
50	47.48	21	80	185	120	177	198	116	171	191	120	178	199		
56	54.92	18	80	160	117	173	193	112	167	186	118	174	194		
63	63.05	16	80	139	112	166	185	110	163	182	112	166	186		
71	69.46	14	80	126	109	162	181	107	159	177	110	163	182		
80	79.73	13	80	110	106	157	175	104	154	172	107	158	176		
90	88.35	11	80	101	104	-	171	99	-	164	104	-	171	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	101.41	10	80	88	100	-	166	96	-	158	101	-	166		
112	111.23	9	80	80	98	-	163	94	-	156	99	-	163		
125	127.68	8	80	70	95	-	158	91	-	150	96	-	158		
140	136.93	7	80	65	84	-	138	83	-	137	84	-	138		
160	157.17	6.4	80	57	81	-	135	80	-	133	81	-	135		
180	172.39	5.8	80	52	80	-	132	79	-	130	80	-	132		
200	197.88	5.1	80	45	78	-	128	77	-	126	78	-	128		
224	216.47	4.6	80	41	67	-	111	67	-	110	67	-	111		
250	248.47	4.0	80	36	65	-	108	65	-	107	65	-	108		
280	285.56	3.5	80	31	64	-	106	64	-	105	64	-	106		
315	314.25	3.2	80	28	60	-	99	60	-	99	60	-	99		
355	361.15	2.8	80	25	59	-	98	59	-	97	59	-	98		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W12 R/T - 1000 rpm

W12 - n1 = 1000 rpm														92 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.16	140	66	995	*	336	368	*	277	303	*	322	353	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	121	75	981	*	323	353	*	270	295	*	314	343		
9	8.61	116	75	940	*	307	337	*	259	284	*	302	330		
10	9.93	101	76	826	*	297	325	*	249	273	*	294	322		
11.2	10.94	91	76	750	*	295	323	*	259	284	*	292	320		
12.5	12.62	79	78	667	*	285	312	*	250	273	*	284	311		
14	13.74	73	78	613	*	234	256	*	220	241	*	233	255		
16	15.84	63	90	613	*	225	247	*	213	234	*	225	246		
18	17.90	56	82	502	179	265	293	161	239	265	179	265	294		
20	20.64	48	92	488	171	253	281	155	230	255	171	254	281		
22.4	22.78	44	92	442	170	252	279	155	230	255	171	253	281		
25	26.27	38	92	384	165	244	271	149	222	246	166	246	273		
28	27.89	36	92	361	158	234	259	147	218	241	159	236	261		
31.5	32.16	31	92	313	153	227	252	142	210	233	155	230	255		
35.5	34.81	29	92	289	142	210	233	135	201	223	143	211	234		
40	40.14	25	92	251	138	205	227	131	195	216	139	206	229		
45	42.61	23	92	236	135	200	221	128	190	211	136	201	223		
50	49.13	20	92	205	131	195	216	124	184	204	132	196	218		
56	53.50	19	92	188	121	180	199	117	174	193	122	181	200		
63	61.70	16	92	163	118	176	195	114	169	188	119	177	196		
71	70.82	14	92	142	113	168	187	112	165	183	114	169	187		
80	78.03	13	92	129	111	164	182	109	161	179	111	165	183		
90	89.56	11	92	113	108	159	177	105	156	173	108	160	177		
100	99.24	10	92	103	105	-	173	101	-	166	105	-	173		
112	113.91	9	92	90	102	-	167	97	-	160	102	-	168		
125	124.94	8	92	82	100	-	164	96	-	157	100	-	165		
140	143.42	7	92	71	97	-	159	92	-	152	97	-	159		
160	153.81	7	92	67	85	-	140	84	-	138	85	-	140		
180	176.55	5.7	92	58	83	-	136	81	-	134	83	-	136		
200	193.64	5.2	92	53	81	-	133	80	-	132	81	-	133		
224	222.28	4.5	92	46	79	-	129	78	-	128	79	-	130		
250	243.16	4.1	92	42	68	-	112	68	-	111	68	-	112		
280	279.11	3.6	92	37	66	-	109	66	-	108	66	-	109		
315	320.76	3.1	92	32	65	-	107	65	-	106	65	-	107		
355	352.99	2.8	92	29	61	-	100	61	-	100	61	-	100		
400	405.67	2.5	92	25	60	-	98	60	-	98	60	-	98		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W13 R/T - 1000 rpm

W13 - n1 = 1000 rpm														115 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
6.3	6.35	157	89	1512	*	*	464	*	*	369	*	*	447	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.35	136	103	1513	*	*	446	*	*	358	*	*	436		
8	7.64	131	106	1497	*	*	423	*	*	349	*	*	416		
9	8.84	113	110	1343	*	360	410	*	*	334	*	358	407		
10	9.71	103	110	1223	*	362	412	*	*	356	*	360	410		
11.2	11.23	89	112	1077	*	351	399	*	300	341	*	351	399		
12.5	12.19	82	112	992	*	319	363	*	290	330	*	319	363		
14	14.10	71	115	880	*	310	353	*	280	318	*	311	354		
16	16.09	62	115	783	220	326	371	196	291	331	221	328	373	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163
18	18.61	54	115	677	213	316	359	189	280	318	215	318	362		
20	20.27	49	115	621	214	317	360	190	282	321	216	320	364		
22.4	23.45	43	115	537	207	306	349	182	270	307	210	311	353		
25	24.45	41	115	515	200	297	338	181	268	305	203	301	342		
28	28.28	35	115	445	194	288	327	174	257	293	197	293	333		
31.5	30.58	33	115	412	180	267	304	169	250	285	182	270	307		
35.5	35.38	28	115	356	175	260	296	163	242	275	177	263	299		
40	38.30	26	115	329	175	259	294	162	241	274	177	262	298		
45	44.30	23	115	284	170	251	286	156	232	264	172	255	290		
50	48.09	21	115	262	152	226	257	145	215	245	154	228	259		
56	55.63	18	115	226	148	220	250	141	208	237	150	222	253		
63	62.68	16	115	201	143	212	241	139	206	234	144	213	242		
71	70.35	14	115	179	139	207	235	135	200	227	140	208	236		
80	79.27	13	115	159	135	200	228	131	194	220	136	202	230		
90	89.83	11	115	143	108	-	183	103	-	173	109	-	183	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165
100	101.22	10	115	127	106	-	179	100	-	169	106	-	179		
112	112.54	9	115	114	104	-	176	99	-	166	105	-	176		
125	126.81	8	115	101	102	-	171	96	-	162	102	-	172		
140	139.23	7	115	92	108	-	182	106	-	178	108	-	182		
160	156.87	6.4	115	82	105	-	177	103	-	173	105	-	177		
180	174.43	5.7	115	73	103	-	174	101	-	170	103	-	174		
200	196.54	5.1	115	65	100	-	169	98	-	165	100	-	169		
224	219.03	4.6	115	58	91	-	153	90	-	151	91	-	153		
250	246.79	4.1	115	52	88	-	149	87	-	147	89	-	149		
280	280.40	3.6	115	46	87	-	147	86	-	145	87	-	147		
315	312.12	3.2	115	41	80	-	135	80	-	134	80	-	135		
355	354.62	2.8	115	36	79	-	133	78	-	132	79	-	133		

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

Right Angle Gearbox W14 R/T - 1000 rpm

W14 - n1 = 1000 rpm														132 kNm	
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾				
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC		
7.1	7.16	140	100	1508	*	*	469	*	*	*	*	*	448	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.26	121	115	1503	*	*	453	*	*	*	*	*	439		
9	8.61	116	118	1479	*	*	428	*	*	*	*	*	419		
10	9.93	101	125	1359	*	368	416	*	*	*	*	364	411		
11.2	10.94	91	125	1233	*	370	418	*	*	358	*	367	414		
12.5	12.62	79	128	1095	*	359	405	*	306	346	*	358	404		
14	13.74	73	128	1006	*	326	367	*	295	333	*	325	366		
16	15.84	63	130	886	*	317	358	*	286	323	*	317	358		
18	18.13	55	132	798	210	312	361	*	278	322	211	313	363		
20	20.90	48	132	692	204	302	351	*	268	311	205	304	353		
22.4	22.84	44	132	633	204	302	350	182	270	312	206	306	354		
25	26.34	38	132	549	198	294	340	175	259	300	201	298	345		
28	27.55	36	132	525	191	283	328	173	256	297	194	287	333		
31.5	31.77	31	132	455	186	276	320	167	247	286	189	280	325		
35.5	34.46	29	132	420	172	255	296	161	239	277	174	257	298		
40	39.74	25	132	364	168	249	289	156	232	269	170	252	292		
45	43.15	23	132	335	167	247	287	155	230	267	169	250	290		
50	49.76	20	132	291	162	241	279	150	222	258	165	244	283		
56	54.19	18	132	267	145	215	250	139	206	238	147	217	252		
63	62.48	16	132	231	142	211	244	135	200	232	144	213	247		
71	70.40	14	132	205	137	202	235	133	197	228	137	204	236		
80	79.02	13	132	183	133	198	229	129	192	222	134	199	231		
90	89.04	11	132	162	130	192	223	125	186	215	131	193	224		
100	100.91	10	132	146	104	-	178	99	-	169	104	-	179		
112	113.70	9	132	129	101	-	174	96	-	165	102	-	175		
125	126.42	8	132	116	100	-	171	95	-	162	100	-	172		
140	142.44	7	132	103	97	-	167	92	-	158	98	-	168		
160	156.39	6	132	94	103	-	178	101	-	174	104	-	178		
180	176.21	5.7	132	83	101	-	173	98	-	169	101	-	173		
200	195.93	5.1	132	75	99	-	170	97	-	166	99	-	170		
224	220.77	4.5	132	67	96	-	165	94	-	161	96	-	165		
250	246.03	4.1	132	60	87	-	150	86	-	148	87	-	150		
280	277.22	3.6	132	53	85	-	146	84	-	144	85	-	146		
315	314.97	3.2	132	47	83	-	143	82	-	141	83	-	143		
355	350.60	2.9	132	42	77	-	132	76	-	131	77	-	132		
400	398.34	2.5	132	37	76	-	130	75	-	129	76	-	130		
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 Right angle T only 3 and 4 stages.
 1) Forced lubrication.

Selection Tables

Right Angle Gearbox W15 R/T - 1000 rpm

W15 - n1 = 1000 rpm														158 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
6.3	6.35	157	118	2006 ¹⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
7.1	7.41	135	132	1923 ¹⁾	*	*	*	*	*	*	*	*	*	*		
8	7.64	131	132	1866	*	*	*	*	*	*	*	*	*	*		
9	8.91	112	138	1671	*	*	*	*	*	*	*	*	*	*		
10	9.70	103	138	1536	*	414	447	*	*	*	*	412	445	*		
11.2	11.32	88	143	1363	*	398	430	*	*	*	*	400	432	*		
12.5	12.18	82	143	1267	*	364	393	*	*	350	*	363	392	*		
14	14.22	70	158	1200	*	350	378	*	312	337	*	350	379	*		
16	15.48	65	125	884	255	378	416	*	320	351	257	381	419	3	(P1) 130 - 131 (P1) 134 - 135 (P5) 146 - 147 (P4) 158 - 159 (P4) 162 - 163	
18	18.07	55	145	879	243	361	396	*	308	338	246	364	400			
20	19.51	51	155	870	244	362	397	*	313	344	247	367	403			
22.4	22.77	44	158	760	234	347	381	201	298	328	238	353	388			
25	24.41	41	158	709	217	321	353	199	295	324	218	324	356			
28	28.49	35	158	607	210	311	342	191	284	312	212	315	346			
31.5	30.56	33	158	566	195	288	317	185	274	301	196	290	319			
35.5	35.67	28	158	485	189	281	309	179	265	291	191	283	311			
40	38.23	26	158	453	186	275	302	176	260	286	187	278	305			
45	44.63	22	158	388	181	268	294	170	251	276	182	270	297			
50	48.01	21	158	360	162	240	264	156	231	254	163	241	265			
56	56.04	18	158	309	158	234	257	152	225	247	159	236	259			
63	63.19	16	158	274	152	226	248	149	221	243	153	227	249			
71	70.87	14	158	244	149	220	242	145	215	236	149	221	243			
80	79.92	13	158	217	146	217	238	142	211	232	147	218	239			
90	90.49	11	158	194	116	-	189	112	-	182	116	-	190	4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	
100	102.05	10	158	172	115	-	187	110	-	179	115	-	187			
112	113.38	9	158	155	112	-	182	107	-	175	112	-	183			
125	127.85	8	158	138	110	-	180	106	-	172	111	-	180			
140	140.25	7	158	125	116	-	189	114	-	186	116	-	189			
160	158.16	6.3	158	111	114	-	186	112	-	183	114	-	186			
180	175.72	5.7	158	100	111	-	181	109	-	178	111	-	181			
200	198.15	5.0	158	89	109	-	178	107	-	174	109	-	178			
224	220.64	4.5	158	80	98	-	160	97	-	158	98	-	160			
250	248.82	4.0	158	71	96	-	157	96	-	156	97	-	157			
280	282.70	3.5	158	62	95	-	155	94	-	153	95	-	155			
315	314.68	3.2	158	56	88	-	143	87	-	142	88	-	143			
355	357.53	2.8	158	49	87	-	141	86	-	140	87	-	141			

Notes: (*) = Consult WEG-CESTARI.

(-) = Not available.

When the fan is installed on the input flange, PT is derated by 20%.

Right angle T only 3 and 4 stages.

1) Forced lubrication.

Selection Tables

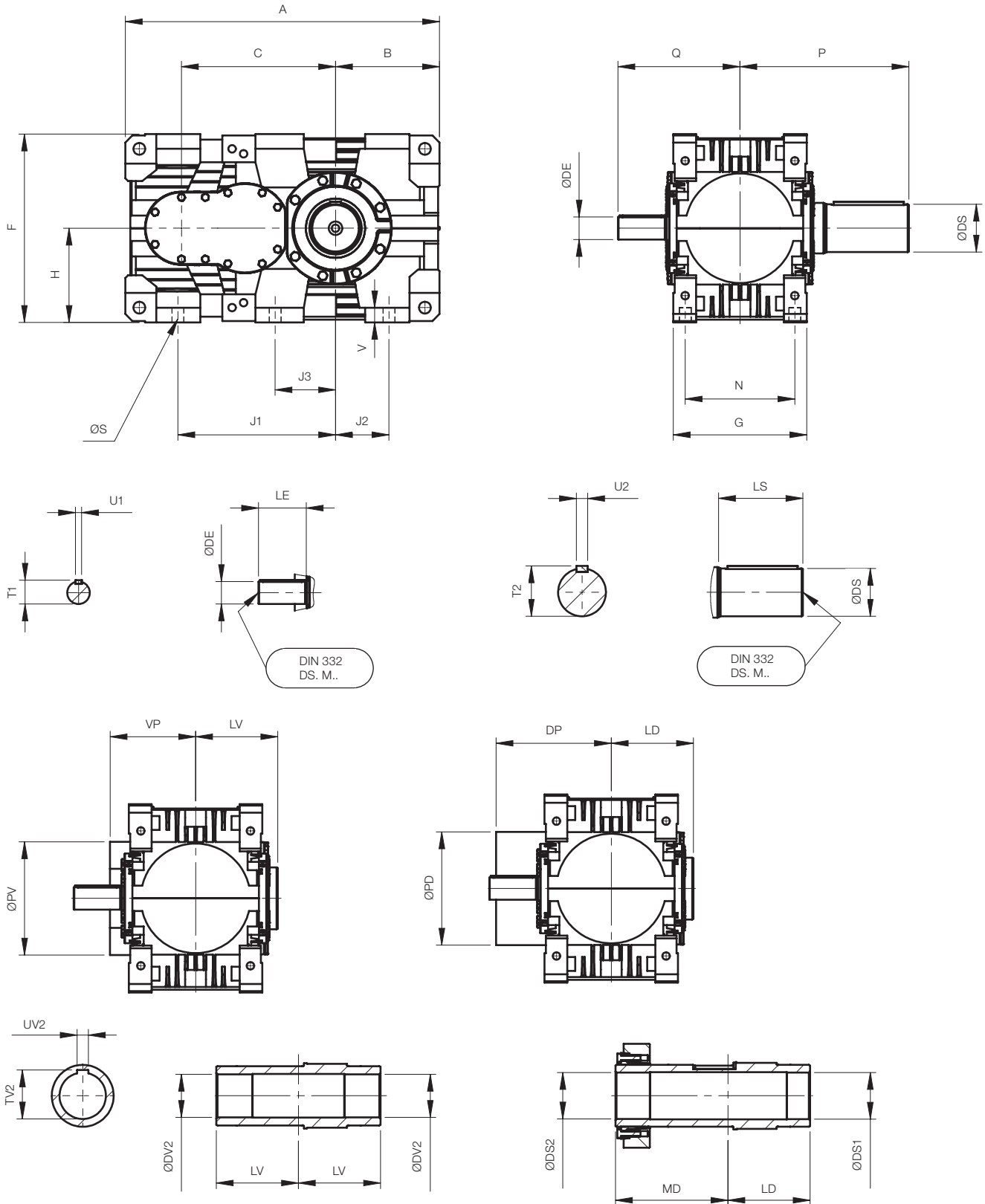
Right Angle Gearbox W16 R/T - 1000 rpm

W16 - n1 = 1000 rpm														178 kNm		
iN	i _{ex}	n2 [rpm]	M2 [kNm]	P1 [kW]	PT - 20 °C [kW]									ST	Dimensions	
					Mounting position - P1			Mounting position - P5/P4			Mounting position - P4 ¹⁾					
					PTG	PTV	PTC	PTG	PTV	PTC	PTG	PTV	PTC			
7.1	7.11	141	132	2005 ¹⁾	*	*	*	*	*	*	*	*	*	*	2	(P1) 128 - 129 (P5) 144 - 145 (P4) 156 - 157
8	8.27	121	146	1906 ¹⁾	*	*	*	*	*	*	*	*	*	*		
9	8.55	117	146	1844	*	*	*	*	*	*	*	*	*	*		
10	9.95	101	154	1671	*	*	*	*	*	*	*	*	*	*		
11.2	10.86	92	154	1531	*	420	450	*	*	*	*	416	447			
12.5	12.64	79	160	1367	*	404	433	*	*	*	*	404	433			
14	13.64	73	160	1267	*	369	396	*	328	352	*	368	394			
16	15.87	63	178	1211	*	355	381	*	317	340	*	355	381			
18	17.33	58	140	885	260	386	421	*	326	356	262	388	424			
20	20.17	50	160	869	248	367	401	*	313	342	250	371	404			
22.4	21.84	46	170	853	248	368	402	*	320	349	252	373	407			
25	25.41	39	178	767	238	353	386	205	304	332	242	359	392			
28	27.32	37	178	714	220	326	356	202	300	327	221	328	358			
31.5	31.79	31	178	613	213	316	344	194	288	314	215	319	348			
35.5	34.21	29	178	570	197	293	319	187	278	303	199	294	321			
40	39.80	25	178	490	192	285	311	181	268	293	193	287	313			
45	42.80	23	178	456	188	279	305	178	264	288	190	282	307			
50	49.80	20	178	391	183	271	296	172	255	278	185	274	299			
56	53.74	19	178	363	164	243	266	158	235	256	165	245	267			
63	62.53	16	178	312	160	237	259	154	228	249	161	239	261			
71	70.52	14	178	276	155	229	250	151	224	245	155	230	251			
80	79.09	13	178	247	151	223	244	147	218	238	151	224	245			
90	89.19	11	178	219	148	220	240	144	214	234	149	221	241			
100	100.99	10	178	196	118	-	191	113	-	184	118	-	191			
112	113.88	9	178	174	116	-	188	111	-	180	116	-	188			
125	126.52	8	178	157	113	-	184	109	-	177	114	-	184			
140	142.68	7	178	139	112	-	181	107	-	173	112	-	181			
160	156.52	6	178	127	118	-	190	116	-	187	118	-	190			
180	176.50	5.7	178	112	116	-	187	114	-	184	116	-	187			
200	196.09	5.1	178	101	113	-	182	111	-	179	113	-	182			
224	221.13	4.5	178	90	111	-	179	109	-	176	111	-	179			
250	246.23	4.1	178	81	99	-	161	99	-	160	100	-	161			
280	277.67	3.6	178	71	98	-	158	97	-	157	98	-	159			
315	315.48	3.2	178	63	96	-	156	96	-	155	97	-	156			
355	351.17	2.8	178	56	89	-	144	89	-	144	89	-	144			
400	398.99	2.5	178	50	88	-	142	87	-	141	88	-	142			
														4	(P1) 132 - 133 (P1) 136 - 137 (P5) 148 - 149 (P4) 160 - 161 (P4) 164 - 165	

Notes: (*) = Consult WEG-CESTARI.
 (-) = Not available.
 When the fan is installed on the input flange, PT is derated by 20%.
 Right angle T only 3 and 4 stages.
 1) Forced lubrication.

Dimensions and Weight

Horizontal Mounting Parallel Shafts 2 Stages



Dimensions and Weight

Horizontal Mounting Parallel Shafts 2 Stages

Size	A	B	C	F	G	H	J1	J2	J3	N	P	Q	ØS	V
W05	808	250	398	530	360	265	416	110	-	290	432	345	35 (4x)	40
W06	899	295	444	530	360	265	465	155	-	290	475	345	35 (4x)	40
W07	1015	355	470	630	425	315	490	185	-	340	506	380	42 (4x)	46
W08	1069	355	524	630	425	315	544	185	-	340	556	380	42 (4x)	46
W09	1118	370	548	670	475	335	561	190	215	390	592	440	42 (6x)	52
W10	1150	370	580	670	475	335	595	190	215	390	592	440	42 (6x)	52
W11	1260	420	617	750	515	375	630	205	230	420	612	460	48 (6x)	54
W12	1295	420	652	750	515	375	665	205	230	420	662	460	48 (6x)	54
W13	1422	465	707	850	570	425	740	250	280	440	702	535	48 (6x)	56
W14	1463	465	748	850	570	425	780	250	280	440	762	535	48 (6x)	56
W15	1531	495	766	900	630	450	790	250	305	510	810	575	56 (6x)	62
W16	1571	495	806	900	630	450	830	250	305	510	810	575	56 (6x)	62

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	60 m6	140	64	18 h9	M20
W06	60 m6	140	64	18 h9	M20
W07	70 m6	140	74.5	20 h9	M20
W08	70 m6	140	74.5	20 h9	M20
W09	80 m6	170	85	22 h9	M20
W10	80 m6	170	85	22 h9	M20
W11	95 m6	170	100	25 h9	M24
W12	95 m6	170	100	25 h9	M24
W13	105 m6	210	111	28 h9	M24
W14	105 m6	210	111	28 h9	M24
W15	115 m6	210	122	32 h9	M24
W16	115 m6	210	122	32 h9	M24

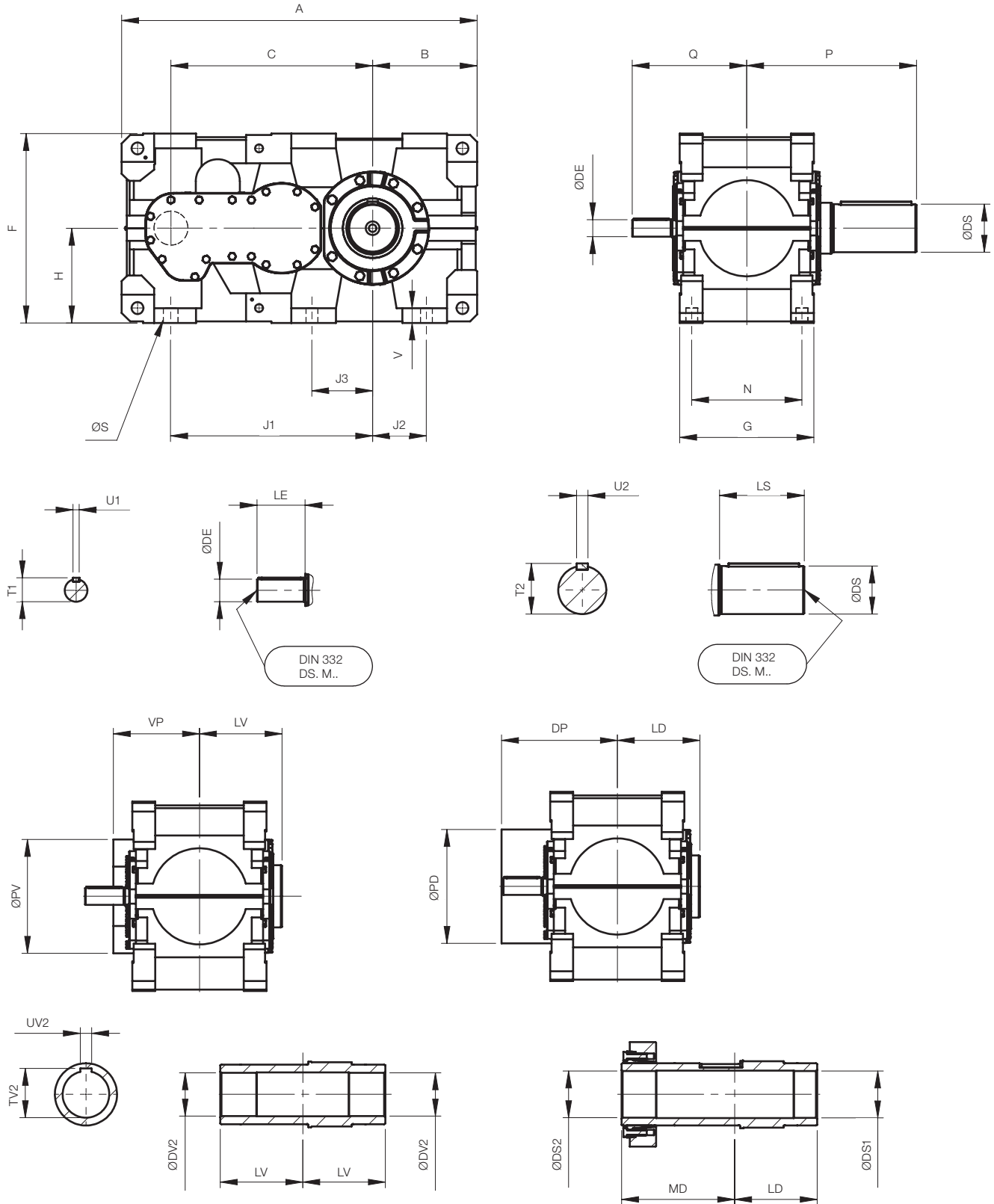
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	485
W06	130 m6	250	137	32 h9	M24	552
W07	140 m6	250	148	36 h9	M30	840
W08	160 m6	300	169	40 h9	M30	945
W09	170 m6	300	179	40 h9	M30	1,161
W10	170 m6	300	179	40 h9	M30	1,247
W11	180 m6	300	190	45 h9	M30	1,656
W12	190 m6	350	200	45 h9	M30	1,767
W13	210 m6	350	221	50 h9	M30	2,267
W14	230 m6	410	241	50 h9	M36	2,622
W15	230 m6	410	241	50 h9	M36	3,051
W16	240 m6	410	252	56 h9	M36	3,326

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	436
W06	125 H8	224	320	132.4	32 JS9	265	488
W07	135 H8	256	350	143.4	36 JS9	305	753
W08	150 H8	256	380	158.4	36 JS9	305	867
W09	165 H8	292	400	174.4	40 JS9	345	1,039
W10	165 H8	292	400	174.4	40 JS9	345	1,122
W11	180 H8	319	460	190.4	45 JS9	370	1,469
W12	190 H8	319	460	200.4	45 JS9	370	1,577
W13	210 H8	352	520	221.4	50 JS9	400	2,064
W14	210 H8	352	560	221.4	50 JS9	400	2,229
W15	230 H8	400	560	241.4	50 JS9	460	2,626
W16	240 H8	400	600	252.4	56 JS9	460	2,881

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	439
W06	131 H9	130 H7	320	224	336	375	493
W07	141 H9	140 H7	350	256	364	415	761
W08	151 H9	150 H7	380	256	364	415	878
W09	166 H9	165 H7	400	292	400	450	1,072
W10	166 H9	165 H7	400	292	400	450	1,156
W11	181 H9	180 H7	460	319	451	500	1,495
W12	191 H9	190 H7	460	319	451	500	1,604
W13	211 H9	210 H7	520	352	498	550	2,095
W14	211 H9	210 H7	560	352	498	550	2,260
W15	231 H9	230 H7	560	400	570	630	2,663
W16	241 H9	240 H7	600	400	570	630	2,915

Dimensions and Weight

Horizontal Mounting Parallel Shafts 3 Stages



Dimensions and Weight

Horizontal Mounting Parallel Shafts 3 Stages

Size	A	B	C	F	G	H	J1	J2	J3	N	P	Q	ØS	V
W05	918	250	518	530	360	265	520	110	-	290	432	315	35 (4x)	40
W06	1009	295	564	530	360	265	565	155	-	290	475	315	35 (4x)	40
W07	1145	355	612	630	425	315	620	185	-	340	506	350	42 (4x)	46
W08	1199	355	666	630	425	315	670	185	-	340	556	350	42 (4x)	46
W09	1258	370	714	670	475	335	720	190	215	390	592	405	42 (6x)	52
W10	1290	370	746	670	475	335	752	190	215	390	592	405	42 (6x)	52
W11	1417	420	813	750	515	375	795	205	230	420	612	425	48 (6x)	54
W12	1452	420	848	750	515	375	830	205	230	420	662	425	48 (6x)	54
W13	1604	465	933	850	570	425	925	250	280	440	702	455	48 (6x)	56
W14	1644	465	973	850	570	425	965	250	280	440	762	455	48 (6x)	56
W15	1718	495	992	900	630	450	1005	250	305	510	810	485	56 (6x)	62
W16	1758	495	1032	900	630	450	1025	250	305	510	810	485	56 (6x)	62

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	45 k6	110	48.5	14 h9	M16
W06	45 k6	110	48.5	14 h9	M16
W07	50 k6	110	53.5	14 h9	M16
W08	50 k6	110	53.5	14 h9	M16
W09	60 m6	140	64	18 h9	M20
W10	60 m6	140	64	18 h9	M20
W11	65 m6	140	69	18 h9	M20
W12	65 m6	140	69	18 h9	M20
W13	75 m6	140	79.5	20 h9	M20
W14	75 m6	140	79.5	20 h9	M20
W15	75 m6	140	79.5	20 h9	M20
W16	75 m6	140	79.5	20 h9	M20

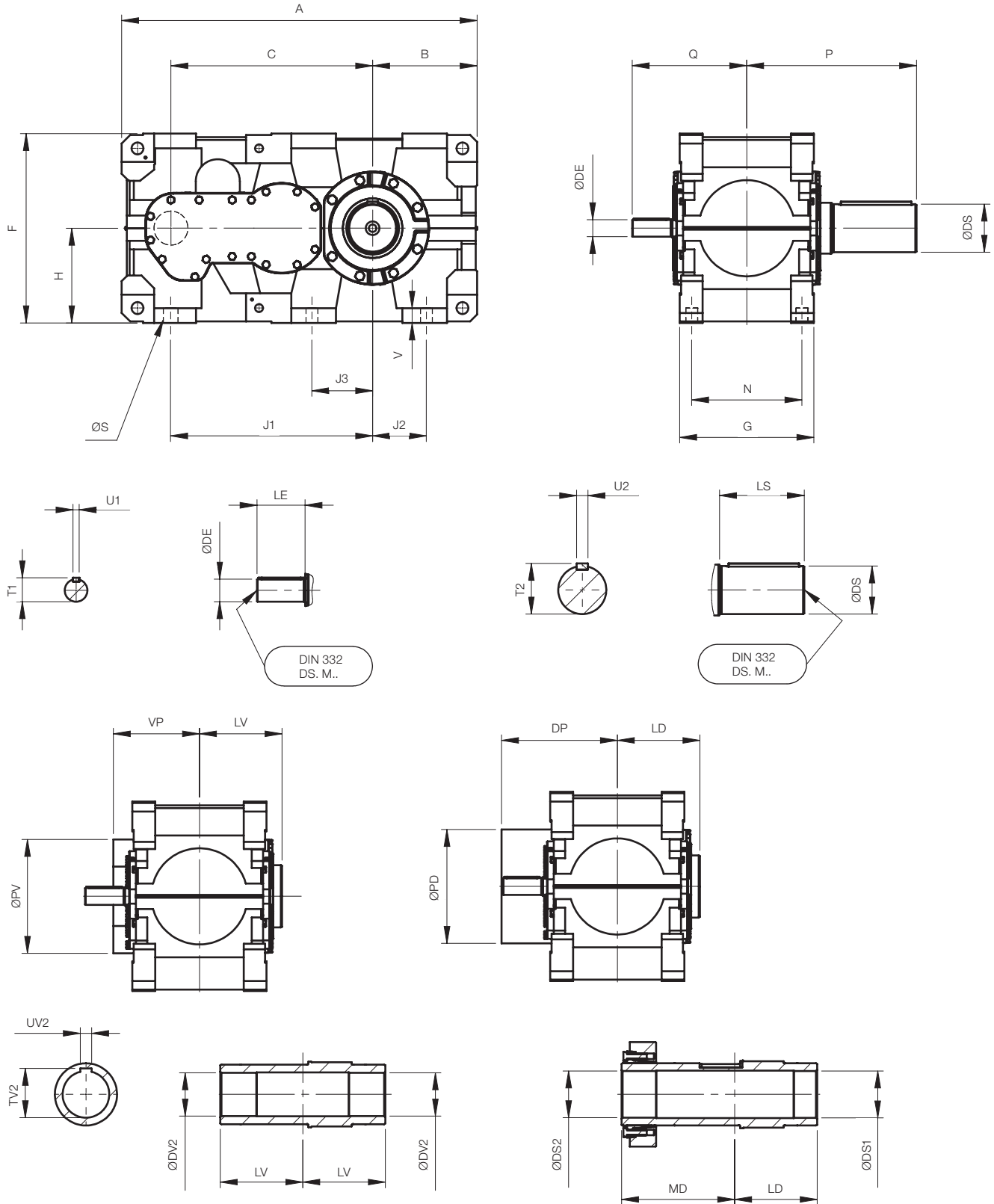
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	517
W06	130 m6	250	137	32 h9	M24	585
W07	140 m6	250	148	36 h9	M30	891
W08	160 m6	300	169	40 h9	M30	1,000
W09	170 m6	300	179	40 h9	M30	1,275
W10	170 m6	300	179	40 h9	M30	1,355
W11	180 m6	300	190	45 h9	M30	1,825
W12	190 m6	350	200	45 h9	M30	1,936
W13	210 m6	350	221	50 h9	M30	2,451
W14	230 m6	410	241	50 h9	M36	2,828
W15	230 m6	410	241	50 h9	M36	3,300
W16	240 m6	410	252	56 h9	M36	3,565

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	468
W06	125 H8	224	320	132.4	32 JS9	265	527
W07	135 H8	256	350	143.4	36 JS9	305	810
W08	150 H8	256	380	158.4	36 JS9	305	928
W09	165 H8	292	400	174.4	40 JS9	345	1,153
W10	165 H8	292	400	174.4	40 JS9	345	1,230
W11	180 H8	319	460	190.4	45 JS9	370	1,618
W12	190 H8	319	460	200.4	45 JS9	370	1,726
W13	210 H8	352	520	221.4	50 JS9	400	2,224
W14	210 H8	352	560	221.4	50 JS9	400	2,411
W15	230 H8	400	560	241.4	50 JS9	460	2,827
W16	240 H8	400	600	252.4	56 JS9	460	3,072

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	471
W06	131 H9	130 H7	320	224	336	375	532
W07	141 H9	140 H7	350	256	364	415	818
W08	151 H9	150 H7	380	256	364	415	939
W09	166 H9	165 H7	400	292	400	450	1,186
W10	166 H9	165 H7	400	292	400	450	1,264
W11	181 H9	180 H7	460	319	451	500	1,644
W12	191 H9	190 H7	460	319	451	500	1,753
W13	211 H9	210 H7	520	352	498	550	2,255
W14	211 H9	210 H7	560	352	498	550	2,442
W15	231 H9	230 H7	560	400	570	630	2,864
W16	241 H9	240 H7	600	400	570	630	3,106

Dimensions and Weight

Horizontal Mounting Parallel Shafts 4 Stages



Dimensions and Weight

Horizontal Mounting Parallel Shafts 4 Stages

Size	A	B	C	F	G	H	J1	J2	J3	N	P	Q	ØS	V
W05	918	250	518	530	360	265	520	110	-	290	432	285	35 (4x)	40
W06	1009	295	564	530	360	265	565	155	-	290	475	285	35 (4x)	40
W07	1145	355	612	630	425	315	620	185	-	340	506	320	42 (4x)	46
W08	1199	355	666	630	425	315	670	185	-	340	556	320	42 (4x)	46
W09	1258	370	714	670	475	335	720	190	215	390	592	375	42 (6x)	52
W10	1290	370	746	670	475	335	752	190	215	390	592	375	42 (6x)	52
W11	1417	420	813	750	515	375	795	205	230	420	612	395	48 (6x)	54
W12	1452	420	848	750	515	375	830	205	230	420	662	395	48 (6x)	54
W13	1604	465	933	850	570	425	925	250	280	440	702	425	48 (6x)	56
W14	1644	465	973	850	570	425	965	250	280	440	762	425	48 (6x)	56
W15	1718	495	992	900	630	450	1005	250	305	510	810	485	56 (6x)	62
W16	1758	495	1032	900	630	450	1025	250	305	510	810	485	56 (6x)	62

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	30 k6	80	33	8 h9	M10
W06	30 k6	80	33	8 h9	M10
W07	35 k6	80	38	10 h9	M12
W08	35 k6	80	38	10 h9	M12
W09	40 k6	110	43	12 h9	M16
W10	40 k6	110	43	12 h9	M16
W11	45 k6	110	48.5	14 h9	M16
W12	45 k6	110	48.5	14 h9	M16
W13	55 m6	110	59	16 h9	M20
W14	55 m6	110	59	16 h9	M20
W15	60 m6	140	64	18 h9	M20
W16	60 m6	140	64	18 h9	M20

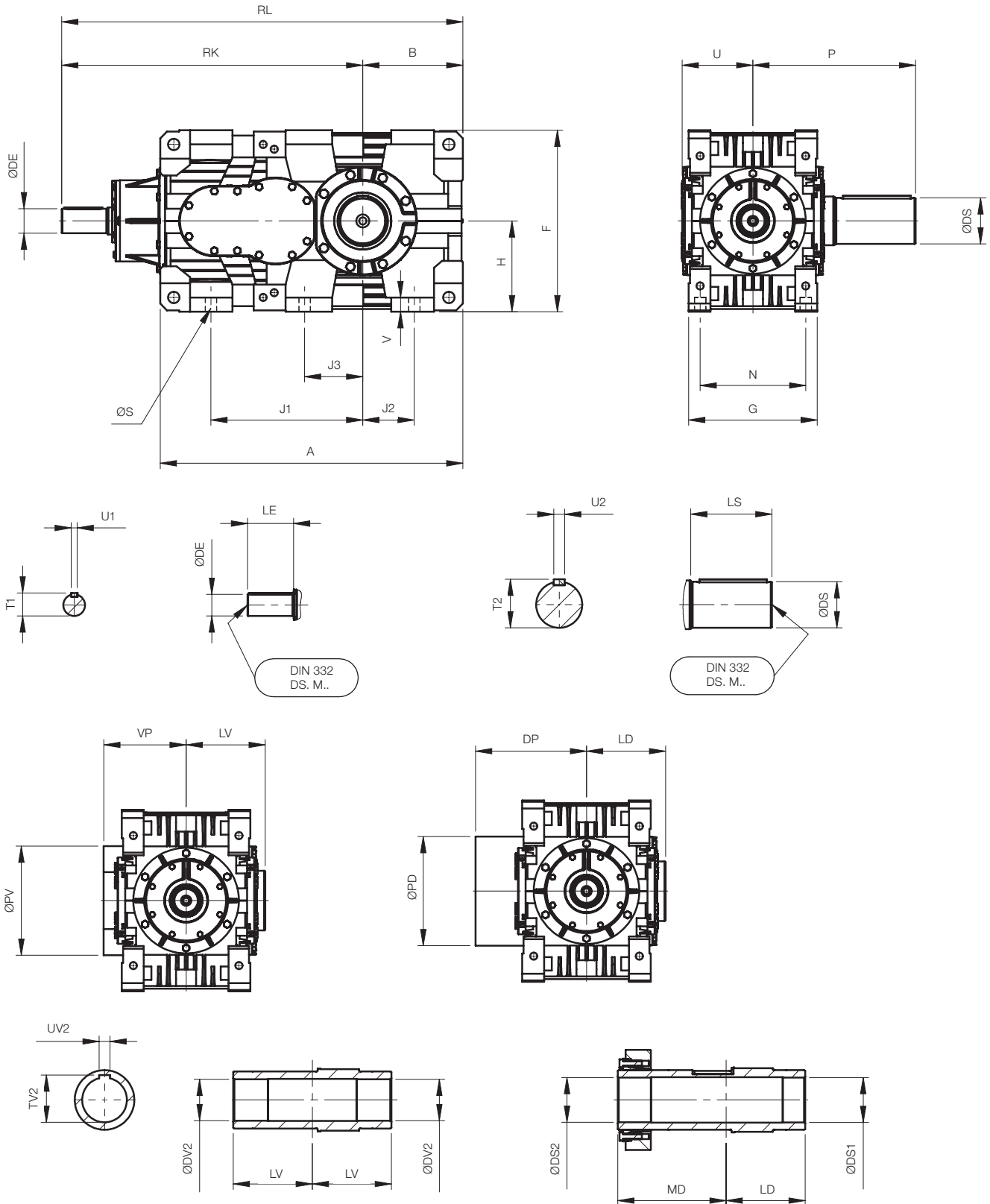
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	520
W06	130 m6	250	137	32 h9	M24	594
W07	140 m6	250	148	36 h9	M30	906
W08	160 m6	300	169	40 h9	M30	1,015
W09	170 m6	300	179	40 h9	M30	1,288
W10	170 m6	300	179	40 h9	M30	1,368
W11	180 m6	300	190	45 h9	M30	1,827
W12	190 m6	350	200	45 h9	M30	1,938
W13	210 m6	350	221	50 h9	M30	2,471
W14	230 m6	410	241	50 h9	M36	2,848
W15	230 m6	410	241	50 h9	M36	3,293
W16	240 m6	410	252	56 h9	M36	3,558

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	471
W06	125 H8	224	320	132.4	32 JS9	265	530
W07	135 H8	256	350	143.4	36 JS9	305	819
W08	150 H8	256	380	158.4	36 JS9	305	937
W09	165 H8	292	400	174.4	40 JS9	345	1,166
W10	165 H8	292	400	174.4	40 JS9	345	1,243
W11	180 H8	319	460	190.4	45 JS9	370	1,640
W12	190 H8	319	460	200.4	45 JS9	370	1,748
W13	210 H8	352	520	221.4	50 JS9	400	2,268
W14	210 H8	352	560	221.4	50 JS9	400	2,455
W15	230 H8	400	560	241.4	50 JS9	460	2,868
W16	240 H8	400	600	252.4	56 JS9	460	3,113

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	474
W06	131 H9	130 H7	320	224	336	375	535
W07	141 H9	140 H7	350	256	364	415	827
W08	151 H9	150 H7	380	256	364	415	948
W09	166 H9	165 H7	400	292	400	450	1,199
W10	166 H9	165 H7	400	292	400	450	1,277
W11	181 H9	180 H7	460	319	451	500	1,666
W12	191 H9	190 H7	460	319	451	500	1,775
W13	211 H9	210 H7	520	352	498	550	2,299
W14	211 H9	210 H7	560	352	498	550	2,486
W15	231 H9	230 H7	560	400	570	630	2,905
W16	241 H9	240 H7	600	400	570	630	3,147

Dimensions and Weight

Horizontal Mounting Right Angle Shafts R 2 Stages



Dimensions and Weight

Horizontal Mounting

Right Angle Shafts R 2 Stages

Size	A	B	F	G	H	J1	J2	J3	N	P	ØS	U	V	RK	RL
W05	808	250	530	360	265	416	110	-	290	432	35 (4x)	191	40	842	1092
W06	899	295	530	360	265	465	155	-	290	475	35 (4x)	191	40	888	1183
W07	1015	355	630	425	315	490	185	-	340	506	42 (4x)	226	46	984	1339
W08	1069	355	630	425	315	544	185	-	340	556	42 (4x)	226	46	1038	1393
W09	1118	370	670	475	335	561	190	215	390	592	42 (6x)	261	52	1102	1472
W10	1150	370	670	475	335	595	190	215	390	592	42 (6x)	261	52	1134	1504
W11	1260	420	750	515	375	630	205	230	420	612	48 (6x)	281	54	1275	1695
W12	1295	420	750	515	375	665	205	230	420	662	48 (6x)	281	54	1310	1730
W13	1422	465	850	570	425	740	250	280	440	702	48 (6x)	317	56	1405	1870
W14	1463	465	850	570	425	780	250	280	440	762	48 (6x)	317	56	1446	1911
W15	1531	495	900	630	450	790	250	305	510	810	56 (6x)	357	62	1570	2065
W16	1571	495	900	630	450	830	250	305	510	810	56 (6x)	357	62	1610	2105

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	70 m6	140	74.5	20 h9	M20
W06	70 m6	140	74.5	20 h9	M20
W07	80 m6	170	85	22 h9	M20
W08	80 m6	170	85	22 h9	M20
W09	90 m6	170	95	25 h9	M24
W10	90 m6	170	95	25 h9	M24
W11	100 m6	210	106	28 h9	M24
W12	100 m6	210	106	28 h9	M24
W13	120 m6	210	131	32 h9	M24
W14	120 m6	210	131	32 h9	M24
W15	130 m6	250	141	32 h9	M24
W16	130 m6	250	141	32 h9	M24

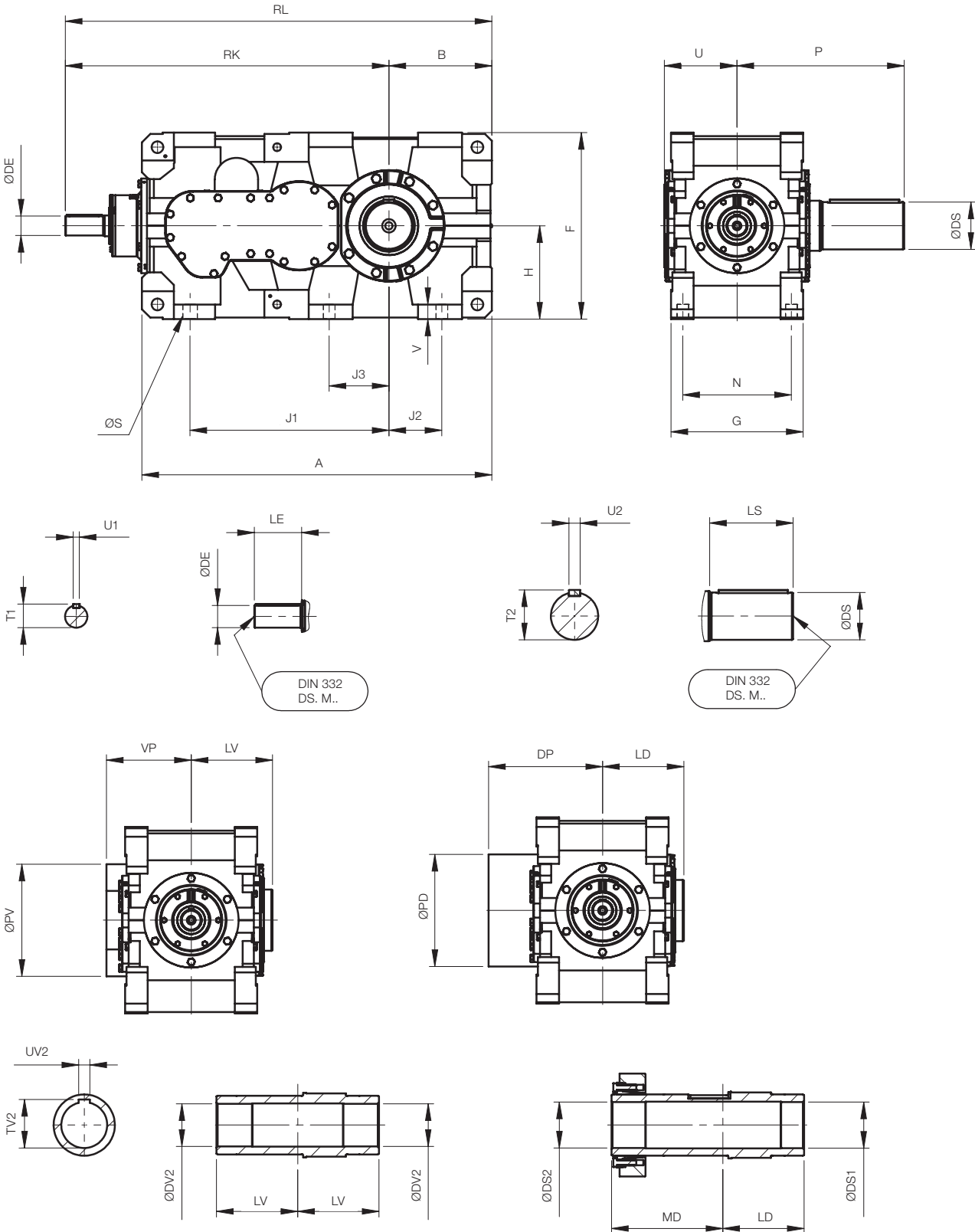
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	543
W06	130 m6	250	137	32 h9	M24	610
W07	140 m6	250	148	36 h9	M30	901
W08	160 m6	300	169	40 h9	M30	1,006
W09	170 m6	300	179	40 h9	M30	1,256
W10	170 m6	300	179	40 h9	M30	1,342
W11	180 m6	300	190	45 h9	M30	1,771
W12	190 m6	350	200	45 h9	M30	1,882
W13	210 m6	350	221	50 h9	M30	2,456
W14	230 m6	410	241	50 h9	M36	2,811
W15	230 m6	410	241	50 h9	M36	3,273
W16	240 m6	410	252	56 h9	M36	3,548

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	494
W06	125 H8	224	320	132.4	32 JS9	265	546
W07	135 H8	256	350	143.4	36 JS9	305	814
W08	150 H8	256	380	158.4	36 JS9	305	928
W09	165 H8	292	400	174.4	40 JS9	345	1,134
W10	165 H8	292	400	174.4	40 JS9	345	1,217
W11	180 H8	319	460	190.4	45 JS9	370	1,584
W12	190 H8	319	460	200.4	45 JS9	370	1,692
W13	210 H8	352	520	221.4	50 JS9	400	2,253
W14	210 H8	352	560	221.4	50 JS9	400	2,418
W15	230 H8	400	560	241.4	50 JS9	460	2,848
W16	240 H8	400	600	252.4	56 JS9	460	3,103

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	497
W06	131 H9	130 H7	320	224	336	375	551
W07	141 H9	140 H7	350	256	364	415	822
W08	151 H9	150 H7	380	256	364	415	939
W09	166 H9	165 H7	400	292	400	450	1,167
W10	166 H9	165 H7	400	292	400	450	1,251
W11	181 H9	180 H7	460	319	451	500	1,610
W12	191 H9	190 H7	460	319	451	500	1,719
W13	211 H9	210 H7	520	352	498	550	2,284
W14	211 H9	210 H7	560	352	498	550	2,449
W15	231 H9	230 H7	560	400	570	630	2,885
W16	241 H9	240 H7	600	400	570	630	3,137

Dimensions and Weight

Horizontal Mounting Right Angle Shafts R 3 Stages



Dimensions and Weight

Horizontal Mounting

Right Angle Shafts R 3 Stages

Size	A	B	F	G	H	J1	J2	J3	N	P	ØS	U	V	RK	RL
W05	913	250	530	360	265	520	110	-	290	432	35 (4x)	191	40	888	1138
W06	1004	295	530	360	265	565	155	-	290	475	35 (4x)	191	40	934	1229
W07	1140	355	630	425	315	620	185	-	340	506	42 (4x)	226	46	1000	1355
W08	1194	355	630	425	315	670	185	-	340	556	42 (4x)	226	46	1054	1409
W09	1253	370	670	475	335	720	190	215	390	592	42 (6x)	261	52	1158	1528
W10	1285	370	670	475	335	752	190	215	390	592	42 (6x)	261	52	1190	1560
W11	1412	420	750	515	375	795	205	230	420	612	48 (6x)	281	54	1327	1747
W12	1447	420	750	515	375	830	205	230	420	662	48 (6x)	281	54	1362	1782
W13	1597	465	850	570	425	925	250	280	440	702	48 (6x)	317	56	1497	1962
W14	1637	465	850	570	425	965	250	280	440	762	48 (6x)	317	56	1537	2002
W15	1711	495	900	630	450	1005	250	305	510	810	56 (6x)	357	62	1556	2051
W16	1751	495	900	630	450	1025	250	305	510	810	56 (6x)	357	62	1596	2091

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	45 k6	110	48.5	14 h9	M16
W06	45 k6	110	48.5	14 h9	M16
W07	55 m6	110	59	16 h9	M20
W08	55 m6	110	59	16 h9	M20
W09	70 m6	140	74.5	20 h9	M20
W10	70 m6	140	74.5	20 h9	M20
W11	80 m6	170	85	22 h9	M20
W12	80 m6	170	85	22 h9	M20
W13	90 m6	170	95	25 h9	M24
W14	90 m6	170	95	25 h9	M24
W15	90 m6	170	95	25 h9	M24
W16	90 m6	170	95	25 h9	M24

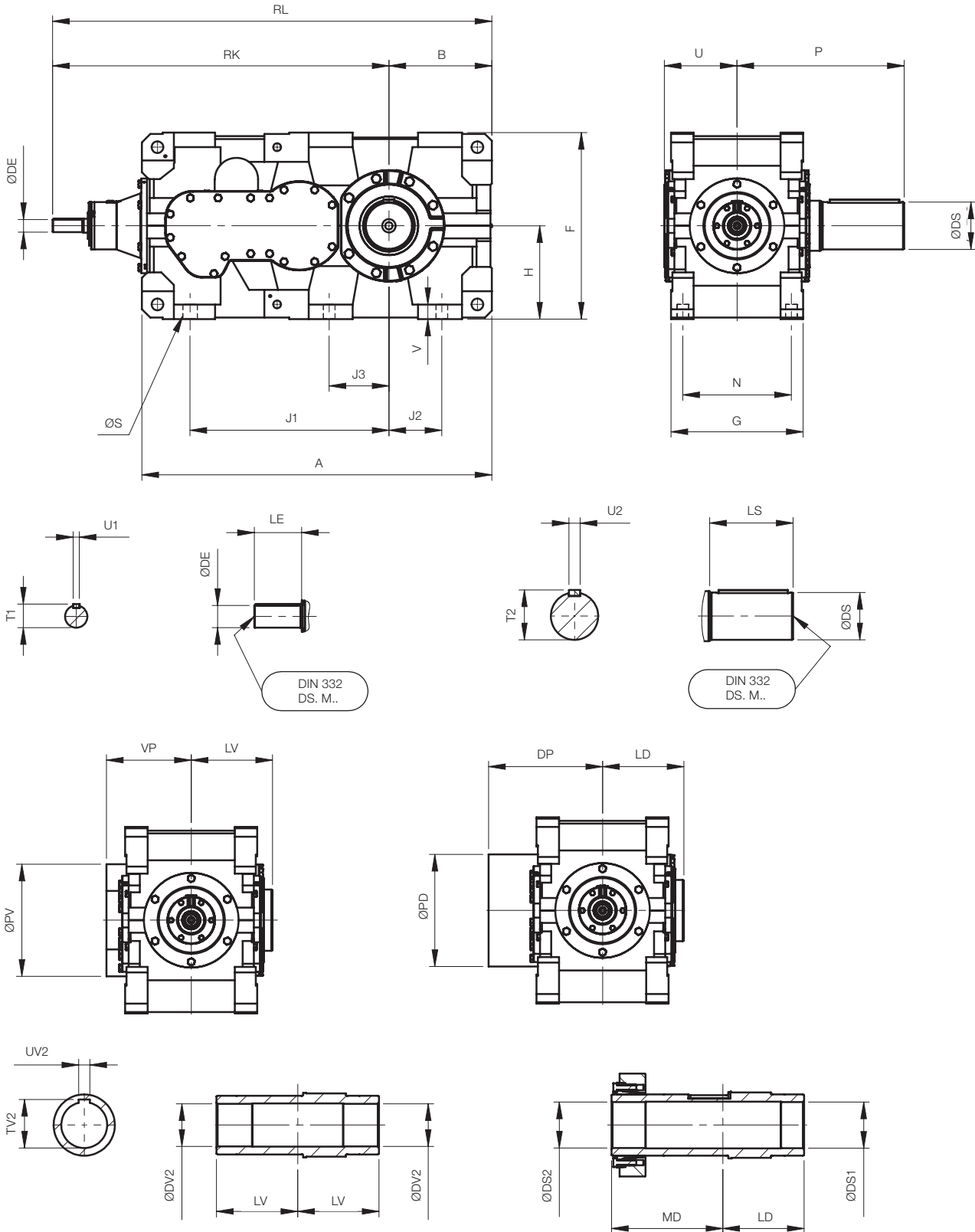
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	538
W06	130 m6	250	137	32 h9	M24	612
W07	140 m6	250	148	36 h9	M30	927
W08	160 m6	300	169	40 h9	M30	1,036
W09	170 m6	300	179	40 h9	M30	1,323
W10	170 m6	300	179	40 h9	M30	1,403
W11	180 m6	300	190	45 h9	M30	1,884
W12	190 m6	350	200	45 h9	M30	1,995
W13	210 m6	350	221	50 h9	M30	2,534
W14	230 m6	410	241	50 h9	M36	2,911
W15	230 m6	410	241	50 h9	M36	3,336
W16	240 m6	410	252	56 h9	M36	3,600

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	489
W06	125 H8	224	320	132.4	32 JS9	265	548
W07	135 H8	256	350	143.4	36 JS9	305	840
W08	150 H8	256	380	158.4	36 JS9	305	958
W09	165 H8	292	400	174.4	40 JS9	345	1,201
W10	165 H8	292	400	174.4	40 JS9	345	1,278
W11	180 H8	319	460	190.4	45 JS9	370	1,697
W12	190 H8	319	460	200.4	45 JS9	370	1,805
W13	210 H8	352	520	221.4	50 JS9	400	2,331
W14	210 H8	352	560	221.4	50 JS9	400	2,518
W15	230 H8	400	560	241.4	50 JS9	460	2,911
W16	240 H8	400	600	252.4	56 JS9	460	3,155

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	492
W06	131 H9	130 H7	320	224	336	375	553
W07	141 H9	140 H7	350	256	364	415	848
W08	151 H9	150 H7	380	256	364	415	969
W09	166 H9	165 H7	400	292	400	450	1,234
W10	166 H9	165 H7	400	292	400	450	1,312
W11	181 H9	180 H7	460	319	451	500	1,723
W12	191 H9	190 H7	460	319	451	500	1,832
W13	211 H9	210 H7	520	352	498	550	2,362
W14	211 H9	210 H7	560	352	498	550	2,549
W15	231 H9	230 H7	560	400	570	630	2,948
W16	241 H9	240 H7	600	400	570	630	3,189

Dimensions and Weight

Horizontal Mounting Right Angle Shafts R 4 Stages



Dimensions and Weight

Horizontal Mounting

Right Angle Shafts R 4 Stages

Size	A	B	F	G	H	J1	J2	J3	N	P	ØS	U	V	RK	RL
W05	913	250	530	360	265	520	110	-	290	432	35 (4x)	191	40	868	1118
W06	1004	295	530	360	265	565	155	-	290	475	35 (4x)	191	40	914	1209
W07	1140	355	630	425	315	620	185	-	340	506	42 (4x)	226	46	1012	1367
W08	1194	355	630	425	315	670	185	-	340	556	42 (4x)	226	46	1066	1421
W09	1253	370	670	475	335	720	190	215	390	592	42 (6x)	261	52	1204	1574
W10	1285	370	670	475	335	752	190	215	390	592	42 (6x)	261	52	1236	1606
W11	1412	420	750	515	375	795	205	230	420	612	48 (6x)	281	54	1343	1763
W12	1447	420	750	515	375	830	205	230	420	662	48 (6x)	281	54	1378	1798
W13	1597	465	850	570	425	925	250	280	440	702	48 (6x)	317	56	1543	2008
W14	1637	465	850	570	425	965	250	280	440	762	48 (6x)	317	56	1583	2048
W15	1711	495	900	630	450	1005	250	305	510	810	56 (6x)	357	62	1602	2097
W16	1751	495	900	630	450	1025	250	305	510	810	56 (6x)	357	62	1642	2137

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	32 k6	80	35	10 h9	M12
W06	32 k6	80	35	10 h9	M12
W07	38 k6	80	41	10 h9	M12
W08	38 k6	80	41	10 h9	M12
W09	45 k6	110	48.5	14 h9	M16
W10	45 k6	110	48.5	14 h9	M16
W11	55 m6	110	59	16 h9	M20
W12	55 m6	110	59	16 h9	M20
W13	70 m6	140	74.5	20 h9	M20
W14	70 m6	140	74.5	20 h9	M20
W15	70 m6	140	74.5	20 h9	M20
W16	70 m6	140	74.5	20 h9	M20

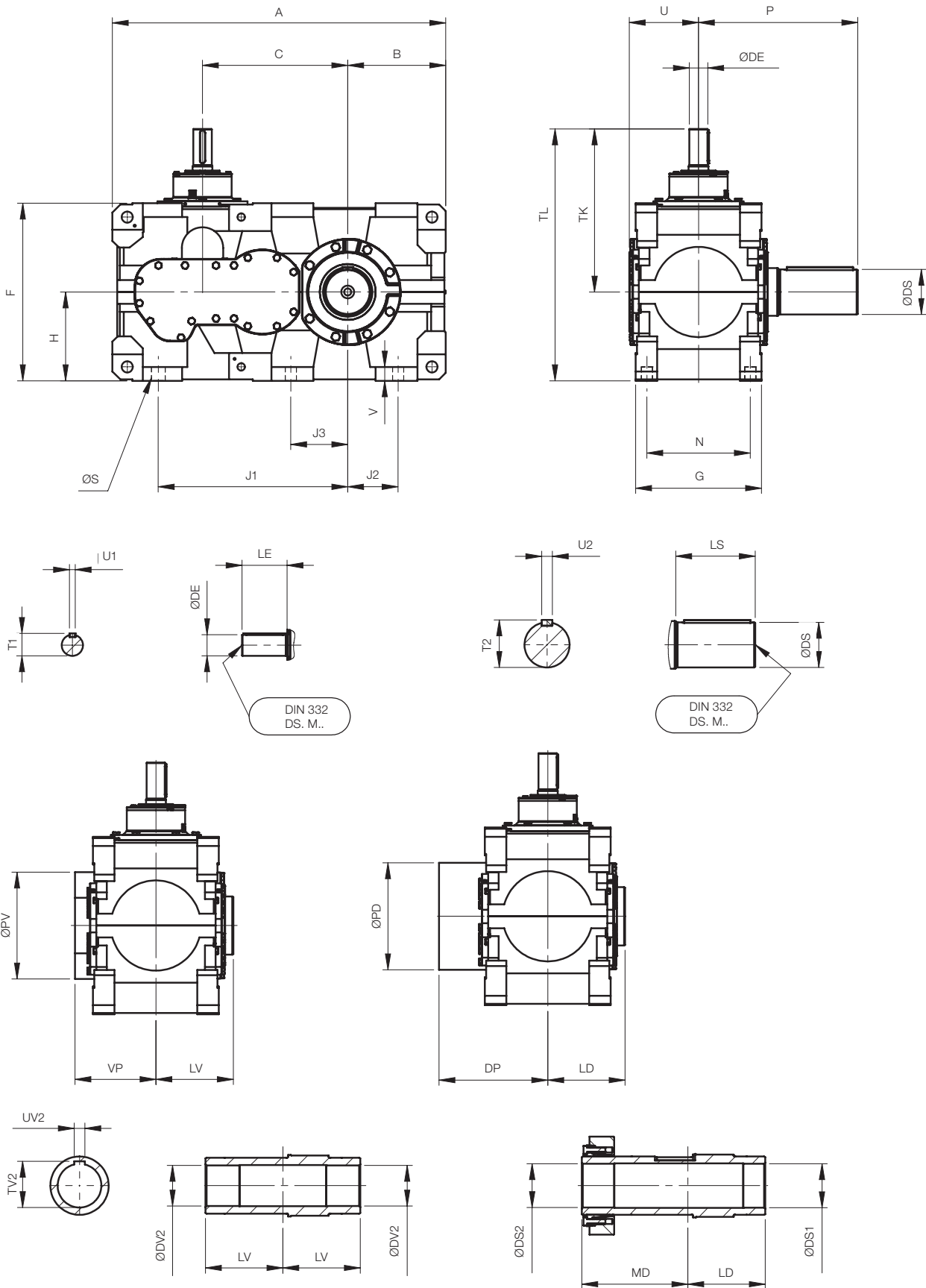
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	532
W06	130 m6	250	137	32 h9	M24	606
W07	140 m6	250	148	36 h9	M30	925
W08	160 m6	300	169	40 h9	M30	1,034
W09	170 m6	300	179	40 h9	M30	1,318
W10	170 m6	300	179	40 h9	M30	1,398
W11	180 m6	300	190	45 h9	M30	1,873
W12	190 m6	350	200	45 h9	M30	1,984
W13	210 m6	350	221	50 h9	M30	2,537
W14	230 m6	410	241	50 h9	M36	2,914
W15	230 m6	410	241	50 h9	M36	3,350
W16	240 m6	410	252	56 h9	M36	3,614

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	483
W06	125 H8	224	320	132.4	32 JS9	265	542
W07	135 H8	256	350	143.4	36 JS9	305	838
W08	150 H8	256	380	158.4	36 JS9	305	956
W09	165 H8	292	400	174.4	40 JS9	345	1,196
W10	165 H8	292	400	174.4	40 JS9	345	1,273
W11	180 H8	319	460	190.4	45 JS9	370	1,686
W12	190 H8	319	460	200.4	45 JS9	370	1,794
W13	210 H8	352	520	221.4	50 JS9	400	2,334
W14	210 H8	352	560	221.4	50 JS9	400	2,521
W15	230 H8	400	560	241.4	50 JS9	460	2,925
W16	240 H8	400	600	252.4	56 JS9	460	3,169

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	486
W06	131 H9	130 H7	320	224	336	375	547
W07	141 H9	140 H7	350	256	364	415	846
W08	151 H9	150 H7	380	256	364	415	967
W09	166 H9	165 H7	400	292	400	450	1,229
W10	166 H9	165 H7	400	292	400	450	1,307
W11	181 H9	180 H7	460	319	451	500	1,712
W12	191 H9	190 H7	460	319	451	500	1,821
W13	211 H9	210 H7	520	352	498	550	2,365
W14	211 H9	210 H7	560	352	498	550	2,552
W15	231 H9	230 H7	560	400	570	630	2,962
W16	241 H9	240 H7	600	400	570	630	3,203

Dimensions and Weight

Horizontal Mounting Right Angle Shafts T 3 Stages



Dimensions and Weight

Horizontal Mounting

Right Angle Shafts T 3 Stages

Size	A	B	C	F	G	H	J1	J2	J3	N	P	ØS	U	V	TK	TL
W05	913	250	398	530	360	265	520	110	-	290	432	35 (4x)	191	40	490	755
W06	1004	295	444	530	360	265	565	155	-	290	475	35 (4x)	191	40	490	755
W07	1140	355	470	630	425	315	620	185	-	340	506	42 (4x)	226	46	530	845
W08	1194	355	524	630	425	315	670	185	-	340	556	42 (4x)	226	46	530	845
W09	1253	370	548	670	475	335	720	190	215	390	592	42 (6x)	261	52	610	945
W10	1285	370	580	670	475	335	752	190	215	390	592	42 (6x)	261	52	610	945
W11	1412	420	617	750	515	375	795	205	230	420	612	48 (6x)	281	54	710	1085
W12	1447	420	652	750	515	375	830	205	230	420	662	48 (6x)	281	54	710	1085
W13	1597	465	707	850	570	425	925	250	280	440	702	48 (6x)	317	56	790	1215
W14	1637	465	747	850	570	425	965	250	280	440	762	48 (6x)	317	56	790	1215
W15	1711	495	766	900	630	450	1005	250	305	510	810	56 (6x)	357	62	790	1240
W16	1751	495	806	900	630	450	1025	250	305	510	810	56 (6x)	357	62	790	1240

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	45 k6	110	48.5	14 h9	M16
W06	45 k6	110	48.5	14 h9	M16
W07	55 m6	110	59	16 h9	M20
W08	55 m6	110	59	16 h9	M20
W09	70 m6	140	74.5	20 h9	M20
W10	70 m6	140	74.5	20 h9	M20
W11	80 m6	170	85	22 h9	M20
W12	80 m6	170	85	22 h9	M20
W13	90 m6	170	95	25 h9	M24
W14	90 m6	170	95	25 h9	M24
W15	90 m6	170	95	25 h9	M24
W16	90 m6	170	95	25 h9	M24

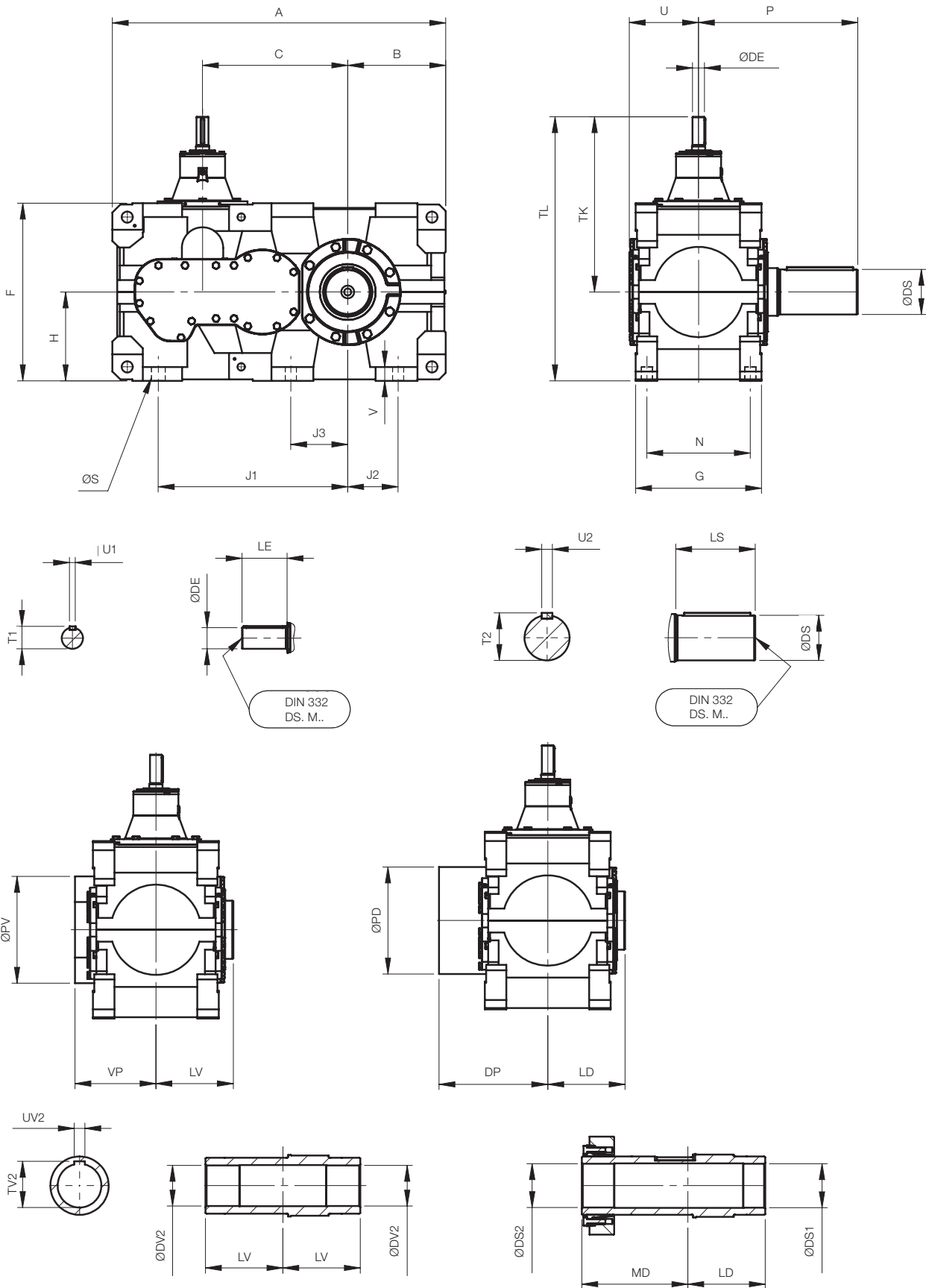
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	538
W06	130 m6	250	137	32 h9	M24	612
W07	140 m6	250	148	36 h9	M30	927
W08	160 m6	300	169	40 h9	M30	1,036
W09	170 m6	300	179	40 h9	M30	1,323
W10	170 m6	300	179	40 h9	M30	1,403
W11	180 m6	300	190	45 h9	M30	1,884
W12	190 m6	350	200	45 h9	M30	1,995
W13	210 m6	350	221	50 h9	M30	2,534
W14	230 m6	410	241	50 h9	M36	2,911
W15	230 m6	410	241	50 h9	M36	3,336
W16	240 m6	410	252	56 h9	M36	3,600

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	489
W06	125 H8	224	320	132.4	32 JS9	265	548
W07	135 H8	256	350	143.4	36 JS9	305	840
W08	150 H8	256	380	158.4	36 JS9	305	958
W09	165 H8	292	400	174.4	40 JS9	345	1,201
W10	165 H8	292	400	174.4	40 JS9	345	1,278
W11	180 H8	319	460	190.4	45 JS9	370	1,697
W12	190 H8	319	460	200.4	45 JS9	370	1,805
W13	210 H8	352	520	221.4	50 JS9	400	2,331
W14	210 H8	352	560	221.4	50 JS9	400	2,518
W15	230 H8	400	560	241.4	50 JS9	460	2,911
W16	240 H8	400	600	252.4	56 JS9	460	3,155

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	492
W06	131 H9	130 H7	320	224	336	375	553
W07	141 H9	140 H7	350	256	364	415	848
W08	151 H9	150 H7	380	256	364	415	969
W09	166 H9	165 H7	400	292	400	450	1,234
W10	166 H9	165 H7	400	292	400	450	1,312
W11	181 H9	180 H7	460	319	451	500	1,723
W12	191 H9	190 H7	460	319	451	500	1,832
W13	211 H9	210 H7	520	352	498	550	2,362
W14	211 H9	210 H7	560	352	498	550	2,549
W15	231 H9	230 H7	560	400	570	630	2,948
W16	241 H9	240 H7	600	400	570	630	3,189

Dimensions and Weight

Horizontal Mounting Right Angle Shafts T 4 Stages



Dimensions and Weight

Horizontal Mounting

Right Angle Shafts T 4 Stages

Size	A	B	C	F	G	H	J1	J2	J3	N	P	ØS	U	V	TK	TL
W05	913	250	398	530	360	265	520	110	-	290	432	35 (4x)	191	40	470	735
W06	1004	295	444	530	360	265	565	155	-	290	475	35 (4x)	191	40	470	735
W07	1140	355	470	630	425	315	620	185	-	340	506	42 (4x)	226	46	542	857
W08	1194	355	524	630	425	315	670	185	-	340	556	42 (4x)	226	46	542	857
W09	1253	370	548	670	475	335	720	190	215	390	592	42 (6x)	261	52	656	991
W10	1285	370	580	670	475	335	752	190	215	390	592	42 (6x)	261	52	656	991
W11	1412	420	617	750	515	375	795	205	230	420	612	48 (6x)	281	54	726	1101
W12	1447	420	652	750	515	375	830	205	230	420	662	48 (6x)	281	54	726	1101
W13	1597	465	707	850	570	425	925	250	280	440	702	48 (6x)	317	56	836	1261
W14	1637	465	747	850	570	425	965	250	280	440	762	48 (6x)	317	56	836	1261
W15	1711	495	766	900	630	450	1005	250	305	510	810	56 (6x)	357	62	836	1286
W16	1751	495	806	900	630	450	1025	250	305	510	810	56 (6x)	357	62	836	1286

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	32 k6	80	35	10 h9	M12
W06	32 k6	80	35	10 h9	M12
W07	38 k6	80	41	10 h9	M12
W08	38 k6	80	41	10 h9	M12
W09	45 k6	110	48.5	14 h9	M16
W10	45 k6	110	48.5	14 h9	M16
W11	55 m6	110	59	16 h9	M20
W12	55 m6	110	59	16 h9	M20
W13	70 m6	140	74.5	20 h9	M20
W14	70 m6	140	74.5	20 h9	M20
W15	70 m6	140	74.5	20 h9	M20
W16	70 m6	140	74.5	20 h9	M20

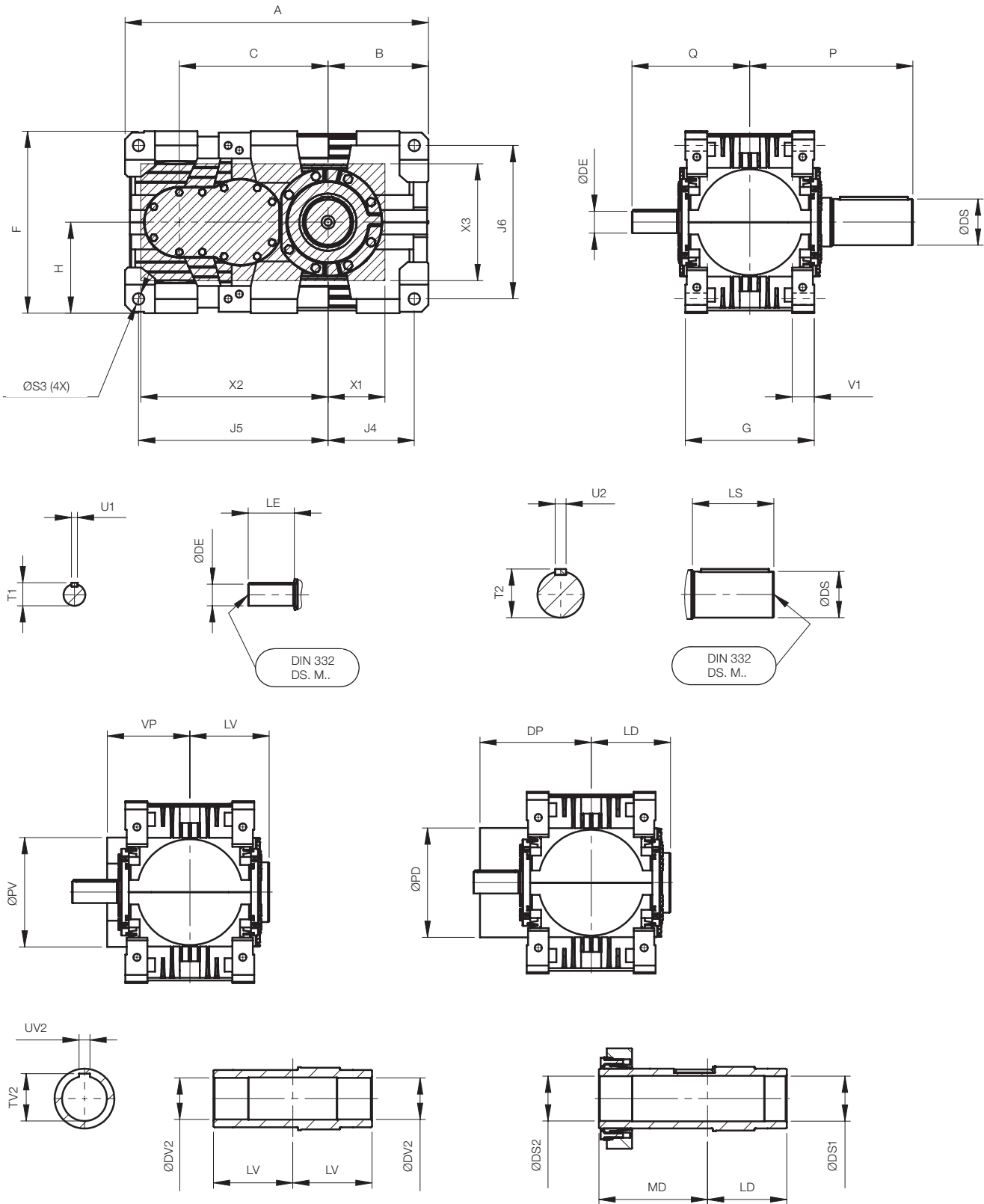
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	532
W06	130 m6	250	137	32 h9	M24	606
W07	140 m6	250	148	36 h9	M30	925
W08	160 m6	300	169	40 h9	M30	1,034
W09	170 m6	300	179	40 h9	M30	1,318
W10	170 m6	300	179	40 h9	M30	1,398
W11	180 m6	300	190	45 h9	M30	1,873
W12	190 m6	350	200	45 h9	M30	1,984
W13	210 m6	350	221	50 h9	M30	2,537
W14	230 m6	410	241	50 h9	M36	2,914
W15	230 m6	410	241	50 h9	M36	3,350
W16	240 m6	410	252	56 h9	M36	3,614

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	483
W06	125 H8	224	320	132.4	32 JS9	265	542
W07	135 H8	256	350	143.4	36 JS9	305	838
W08	150 H8	256	380	158.4	36 JS9	305	956
W09	165 H8	292	400	174.4	40 JS9	345	1,196
W10	165 H8	292	400	174.4	40 JS9	345	1,273
W11	180 H8	319	460	190.4	45 JS9	370	1,686
W12	190 H8	319	460	200.4	45 JS9	370	1,794
W13	210 H8	352	520	221.4	50 JS9	400	2,334
W14	210 H8	352	560	221.4	50 JS9	400	2,521
W15	230 H8	400	560	241.4	50 JS9	460	2,925
W16	240 H8	400	600	252.4	56 JS9	460	3,169

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	486
W06	131 H9	130 H7	320	224	336	375	547
W07	141 H9	140 H7	350	256	364	415	846
W08	151 H9	150 H7	380	256	364	415	967
W09	166 H9	165 H7	400	292	400	450	1,229
W10	166 H9	165 H7	400	292	400	450	1,307
W11	181 H9	180 H7	460	319	451	500	1,712
W12	191 H9	190 H7	460	319	451	500	1,821
W13	211 H9	210 H7	520	352	498	550	2,365
W14	211 H9	210 H7	560	352	498	550	2,552
W15	231 H9	230 H7	560	400	570	630	2,962
W16	241 H9	240 H7	600	400	570	630	3,203

Dimensions and Weight

Vertical Mounting Parallel Shafts 2 Stages



The dimensions of the hatched area X1, X2 and X3 are suggestions for the design of the gearbox mounting base.

Dimensions and Weight

Vertical Mounting Parallel Shafts 2 Stages

Size	A	B	C	F	G	H	J4	J5	J6	P	Q	ØS3 (4x)	V1	X1	X2	X3
W05	808	250	398	530	360	265	210	518	445	432	345	35	67	165	500	330
W06	899	295	444	530	360	265	255	819	445	475	345	35	67	170	550	340
W07	1015	355	470	630	425	315	303	612	525	506	380	42	81	190	590	370
W08	1069	355	524	630	425	315	303	666	525	556	380	42	81	200	640	400
W09	1118	370	548	670	475	335	318	698	565	592	440	42	81	210	690	430
W10	1150	370	580	670	475	335	318	730	565	592	440	42	81	210	720	430
W11	1260	420	617	750	515	375	360	780	630	612	460	48	91	240	770	480
W12	1295	420	652	750	515	375	360	815	630	662	460	48	91	240	810	480
W13	1422	465	707	850	570	425	403	897	725	702	535	48	105	270	880	540
W14	1463	465	748	850	570	425	403	938	725	762	535	48	105	290	930	580
W15	1531	495	766	900	630	450	425	966	760	810	575	56	105	290	960	580
W16	1571	495	806	900	630	450	425	1006	760	810	575	56	105	310	1000	620

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	60 m6	140	64	18 h9	M20
W06	60 m6	140	64	18 h9	M20
W07	70 m6	140	74.5	20 h9	M20
W08	70 m6	140	74.5	20 h9	M20
W09	80 m6	170	85	22 h9	M20
W10	80 m6	170	85	22 h9	M20
W11	95 m6	170	100	25 h9	M24
W12	95 m6	170	100	25 h9	M24
W13	105 m6	210	111	28 h9	M24
W14	105 m6	210	111	28 h9	M24
W15	115 m6	210	122	32 h9	M24
W16	115 m6	210	122	32 h9	M24

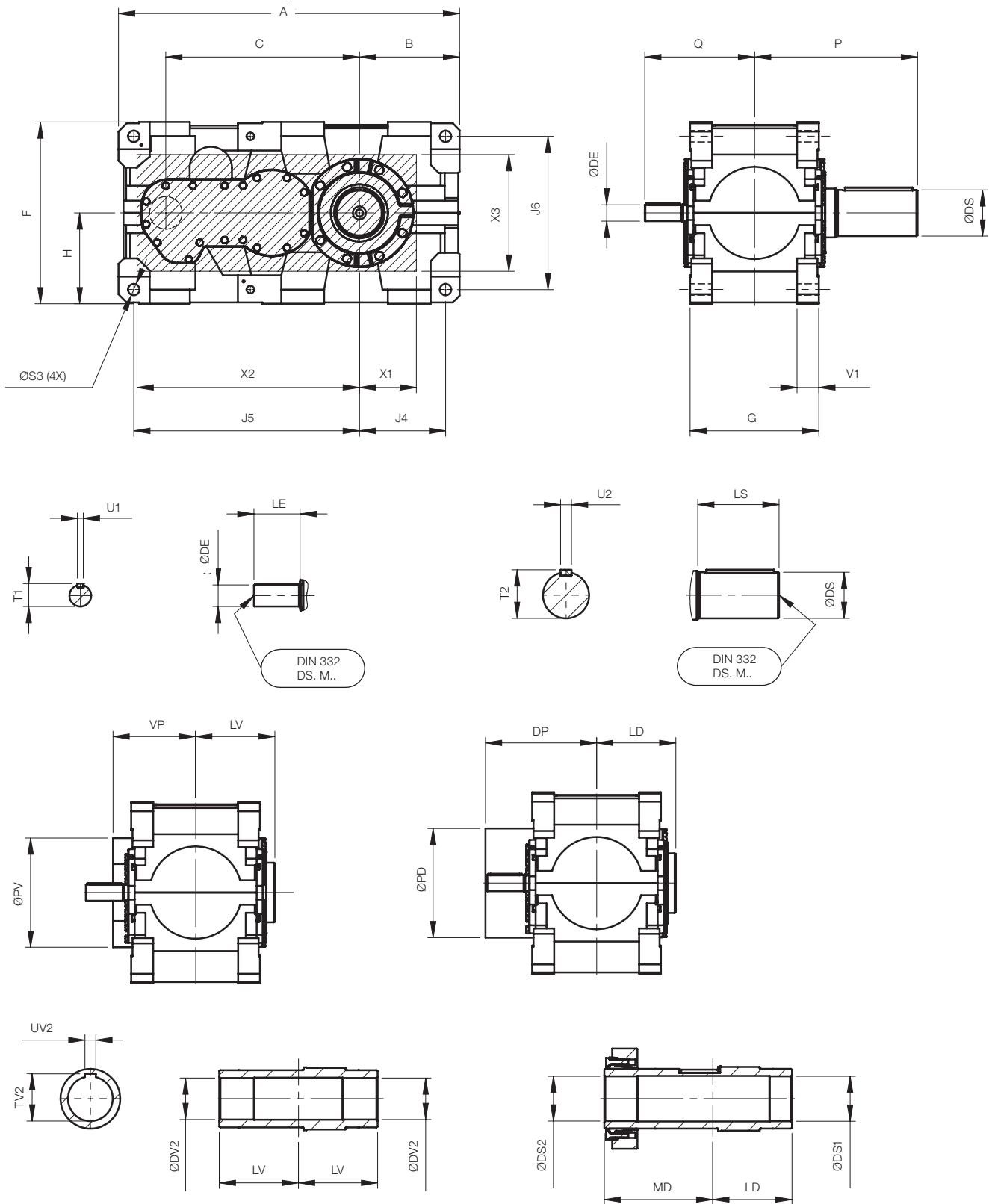
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	485
W06	130 m6	250	137	32 h9	M24	552
W07	140 m6	250	148	36 h9	M30	840
W08	160 m6	300	169	40 h9	M30	945
W09	170 m6	300	179	40 h9	M30	1,161
W10	170 m6	300	179	40 h9	M30	1,247
W11	180 m6	300	190	45 h9	M30	1,656
W12	190 m6	350	200	45 h9	M30	1,767
W13	210 m6	350	221	50 h9	M30	2,267
W14	230 m6	410	241	50 h9	M36	2,622
W15	230 m6	410	241	50 h9	M36	3,051
W16	240 m6	410	252	56 h9	M36	3,326

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	436
W06	125 H8	224	320	132.4	32 JS9	265	488
W07	135 H8	256	350	143.4	36 JS9	305	753
W08	150 H8	256	380	158.4	36 JS9	305	867
W09	165 H8	292	400	174.4	40 JS9	345	1,039
W10	165 H8	292	400	174.4	40 JS9	345	1,122
W11	180 H8	319	460	190.4	45 JS9	370	1,469
W12	190 H8	319	460	200.4	45 JS9	370	1,577
W13	210 H8	352	520	221.4	50 JS9	400	2,064
W14	210 H8	352	560	221.4	50 JS9	400	2,229
W15	230 H8	400	560	241.4	50 JS9	460	2,626
W16	240 H8	400	600	252.4	56 JS9	460	2,881

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	439
W06	131 H9	130 H7	320	224	336	375	493
W07	141 H9	140 H7	350	256	364	415	761
W08	151 H9	150 H7	380	256	364	415	878
W09	166 H9	165 H7	400	292	400	450	1,072
W10	166 H9	165 H7	400	292	400	450	1,156
W11	181 H9	180 H7	460	319	451	500	1,495
W12	191 H9	190 H7	460	319	451	500	1,604
W13	211 H9	210 H7	520	352	498	550	2,095
W14	211 H9	210 H7	560	352	498	550	2,260
W15	231 H9	230 H7	560	400	570	630	2,663
W16	241 H9	240 H7	600	400	570	630	2,915

Dimensions and Weight

Vertical Mounting Parallel Shafts 3 Stages



The dimensions of the hatched area X1, X2 and X3 are suggestions for the design of the gearbox mounting base.

Dimensions and Weight

Vertical Mounting Parallel Shafts 3 Stages

Size	A	B	C	F	G	H	J4	J5	J6	P	Q	ØS3 (4x)	V1	X1	X2	X3
W05	918	250	518	530	360	265	210	623	445	432	315	35	67	165	595	330
W06	1009	295	564	530	360	265	255	669	445	475	315	35	67	170	640	340
W07	1145	355	612	630	425	315	303	737	525	506	350	42	81	190	700	370
W08	1199	355	666	630	425	315	303	791	525	556	350	42	81	200	760	400
W09	1258	370	714	670	475	335	318	832	565	592	405	42	81	210	820	430
W10	1290	370	746	670	475	335	318	864	565	592	405	42	81	210	850	430
W11	1417	420	813	750	515	375	360	934	630	612	425	48	91	240	920	480
W12	1452	420	848	750	515	375	360	969	630	662	425	48	91	240	960	480
W13	1604	465	933	850	570	425	403	1072	725	702	455	48	105	270	1060	540
W14	1644	465	973	850	570	425	403	1111	725	762	455	48	105	290	1100	580
W15	1718	495	992	900	630	450	425	1146	760	810	485	56	105	290	1120	580
W16	1758	495	1032	900	630	450	425	1186	760	810	485	56	105	310	1160	620

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	45 k6	110	48.5	14 h9	M16
W06	45 k6	110	48.5	14 h9	M16
W07	50 k6	110	53.5	14 h9	M16
W08	50 k6	110	53.5	14 h9	M16
W09	60 m6	140	64	18 h9	M20
W10	60 m6	140	64	18 h9	M20
W11	65 m6	140	69	18 h9	M20
W12	65 m6	140	69	18 h9	M20
W13	75 m6	140	79.5	20 h9	M20
W14	75 m6	140	79.5	20 h9	M20
W15	75 m6	140	79.5	20 h9	M20
W16	75 m6	140	79.5	20 h9	M20

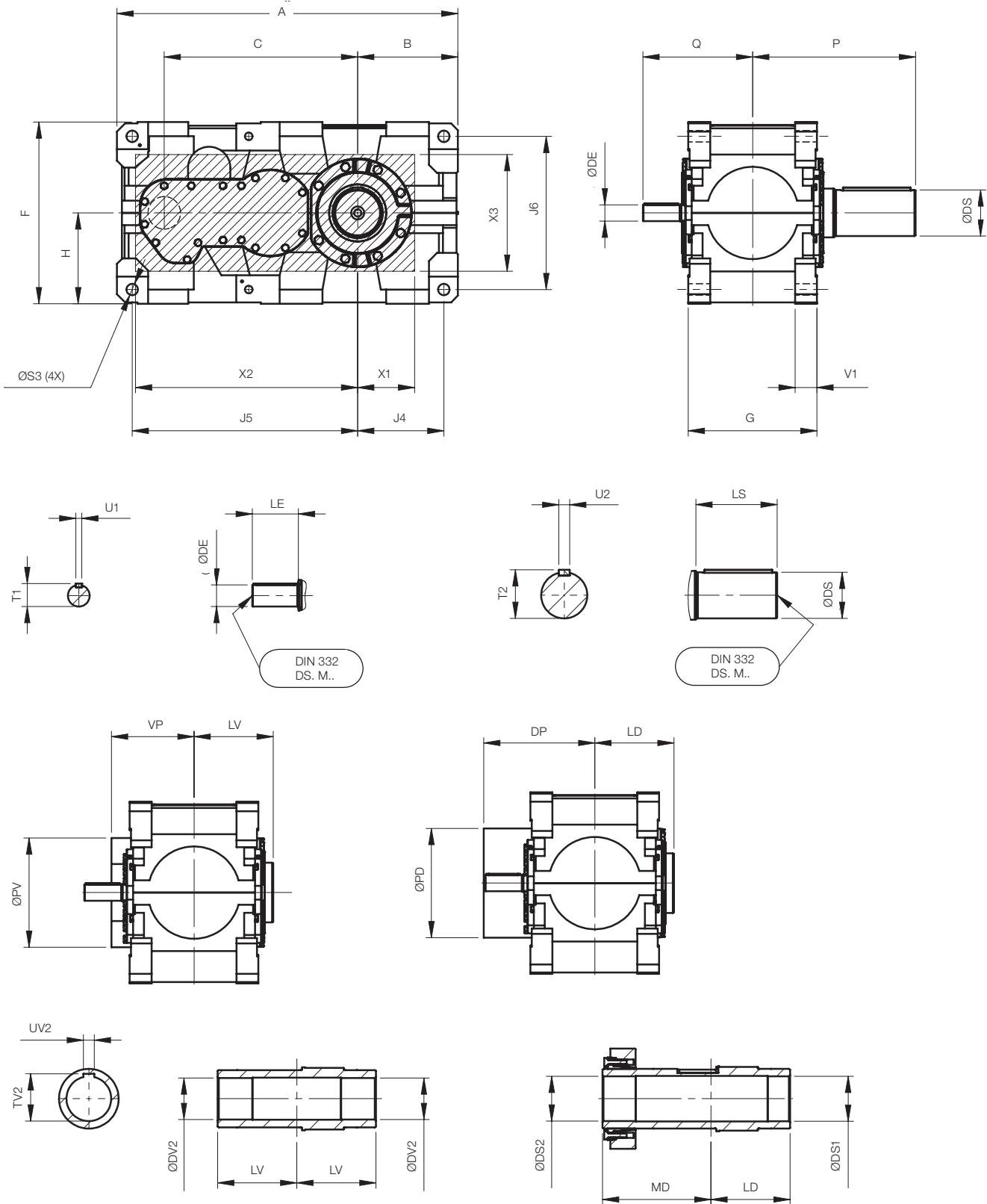
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	517
W06	130 m6	250	137	32 h9	M24	585
W07	140 m6	250	148	36 h9	M30	891
W08	160 m6	300	169	40 h9	M30	1,000
W09	170 m6	300	179	40 h9	M30	1,275
W10	170 m6	300	179	40 h9	M30	1,355
W11	180 m6	300	190	45 h9	M30	1,825
W12	190 m6	350	200	45 h9	M30	1,936
W13	210 m6	350	221	50 h9	M30	2,451
W14	230 m6	410	241	50 h9	M36	2,828
W15	230 m6	410	241	50 h9	M36	3,300
W16	240 m6	410	252	56 h9	M36	3,565

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	468
W06	125 H8	224	320	132.4	32 JS9	265	527
W07	135 H8	256	350	143.4	36 JS9	305	810
W08	150 H8	256	380	158.4	36 JS9	305	928
W09	165 H8	292	400	174.4	40 JS9	345	1,153
W10	165 H8	292	400	174.4	40 JS9	345	1,230
W11	180 H8	319	460	190.4	45 JS9	370	1,618
W12	190 H8	319	460	200.4	45 JS9	370	1,726
W13	210 H8	352	520	221.4	50 JS9	400	2,224
W14	210 H8	352	560	221.4	50 JS9	400	2,411
W15	230 H8	400	560	241.4	50 JS9	460	2,827
W16	240 H8	400	600	252.4	56 JS9	460	3,072

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	471
W06	131 H9	130 H7	320	224	336	375	532
W07	141 H9	140 H7	350	256	364	415	818
W08	151 H9	150 H7	380	256	364	415	939
W09	166 H9	165 H7	400	292	400	450	1,186
W10	166 H9	165 H7	400	292	400	450	1,264
W11	181 H9	180 H7	460	319	451	500	1,644
W12	191 H9	190 H7	460	319	451	500	1,753
W13	211 H9	210 H7	520	352	498	550	2,255
W14	211 H9	210 H7	560	352	498	550	2,442
W15	231 H9	230 H7	560	400	570	630	2,864
W16	241 H9	240 H7	600	400	570	630	3,106

Dimensions and Weight

Vertical Mounting Parallel Shafts 4 Stages



The dimensions of the hatched area X1, X2 and X3 are suggestions for the design of the gearbox mounting base.

Dimensions and Weight

Vertical Mounting Parallel Shafts 4 Stages

Size	A	B	C	F	G	H	J4	J5	J6	P	Q	ØS3 (4x)	V1	X1	X2	X3
W05	918	250	518	530	360	265	210	623	445	432	285	35	67	165	595	330
W06	1009	295	564	530	360	265	255	669	445	475	285	35	67	170	640	340
W07	1145	355	612	630	425	315	303	737	525	506	320	42	81	190	700	370
W08	1199	355	666	630	425	315	303	791	525	556	320	42	81	200	760	400
W09	1258	370	714	670	475	335	318	832	565	592	375	42	81	210	820	430
W10	1290	370	746	670	475	335	318	864	565	592	375	42	81	210	850	430
W11	1417	420	813	750	515	375	360	934	630	612	395	48	91	240	920	480
W12	1452	420	848	750	515	375	360	969	630	662	395	48	91	240	960	480
W13	1604	465	933	850	570	425	403	1072	725	702	425	48	105	270	1060	540
W14	1644	465	973	850	570	425	403	1111	725	762	425	48	105	290	1100	580
W15	1718	495	992	900	630	450	425	1146	760	810	485	56	105	290	1120	580
W16	1758	495	1032	900	630	450	425	1186	760	810	485	56	105	310	1160	620

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	30 k6	80	33	8 h9	M10
W06	30 k6	80	33	8 h9	M10
W07	35 k6	80	38	10 h9	M12
W08	35 k6	80	38	10 h9	M12
W09	40 k6	110	43	12 h9	M16
W10	40 k6	110	43	12 h9	M16
W11	45 k6	110	48.5	14 h9	M16
W12	45 k6	110	48.5	14 h9	M16
W13	55 m6	110	59	16 h9	M20
W14	55 m6	110	59	16 h9	M20
W15	60 m6	140	64	18 h9	M20
W16	60 m6	140	64	18 h9	M20

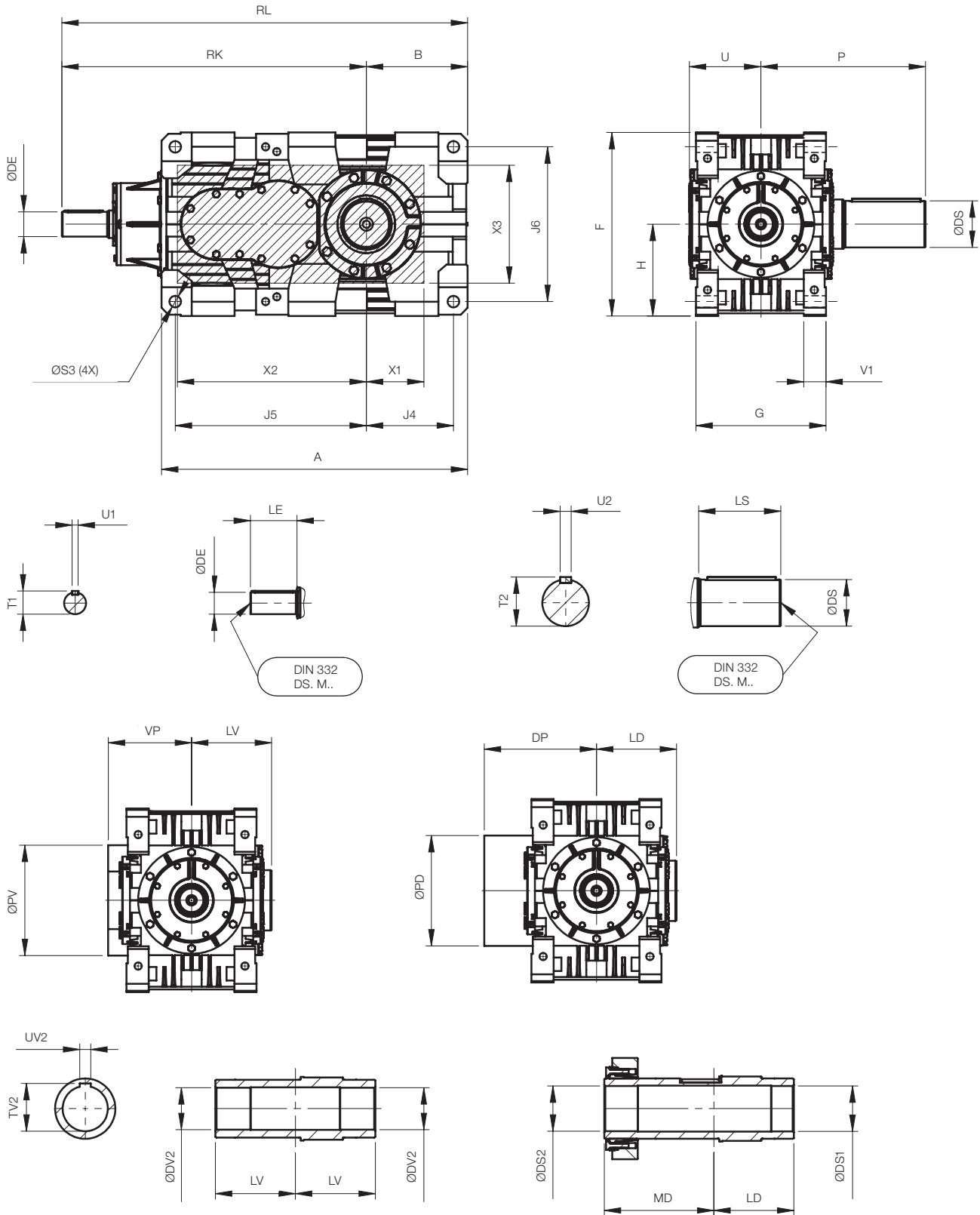
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	520
W06	130 m6	250	137	32 h9	M24	594
W07	140 m6	250	148	36 h9	M30	906
W08	160 m6	300	169	40 h9	M30	1,015
W09	170 m6	300	179	40 h9	M30	1,288
W10	170 m6	300	179	40 h9	M30	1,368
W11	180 m6	300	190	45 h9	M30	1,827
W12	190 m6	350	200	45 h9	M30	1,938
W13	210 m6	350	221	50 h9	M30	2,471
W14	230 m6	410	241	50 h9	M36	2,848
W15	230 m6	410	241	50 h9	M36	3,293
W16	240 m6	410	252	56 h9	M36	3,558

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	471
W06	125 H8	224	320	132.4	32 JS9	265	530
W07	135 H8	256	350	143.4	36 JS9	305	819
W08	150 H8	256	380	158.4	36 JS9	305	937
W09	165 H8	292	400	174.4	40 JS9	345	1,166
W10	165 H8	292	400	174.4	40 JS9	345	1,243
W11	180 H8	319	460	190.4	45 JS9	370	1,640
W12	190 H8	319	460	200.4	45 JS9	370	1,748
W13	210 H8	352	520	221.4	50 JS9	400	2,268
W14	210 H8	352	560	221.4	50 JS9	400	2,455
W15	230 H8	400	560	241.4	50 JS9	460	2,868
W16	240 H8	400	600	252.4	56 JS9	460	3,113

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	474
W06	131 H9	130 H7	320	224	336	375	535
W07	141 H9	140 H7	350	256	364	415	827
W08	151 H9	150 H7	380	256	364	415	948
W09	166 H9	165 H7	400	292	400	450	1,199
W10	166 H9	165 H7	400	292	400	450	1,277
W11	181 H9	180 H7	460	319	451	500	1,666
W12	191 H9	190 H7	460	319	451	500	1,775
W13	211 H9	210 H7	520	352	498	550	2,299
W14	211 H9	210 H7	560	352	498	550	2,486
W15	231 H9	230 H7	560	400	570	630	2,905
W16	241 H9	240 H7	600	400	570	630	3,147

Dimensions and Weight

Vertical Mounting Right Angle Shafts R 2 Stages



The dimensions of the hatched area $X1, X2$ and $X3$ are suggestions for the design of the gearbox mounting base.

Dimensions and Weight

Vertical Mounting

Right Angle Shafts R 2 Stages

Size	A	B	F	G	H	J4	J5	J6	P	ØS3 (4x)	U	V1	X1	X2	X3	RK	RL
W05	808	250	530	360	265	210	518	445	432	35	191	67	165	500	330	842	1092
W06	899	295	530	360	265	255	819	445	475	35	191	67	170	550	340	888	1183
W07	1015	355	630	425	315	303	612	525	506	42	226	81	190	590	370	984	1339
W08	1069	355	630	425	315	303	666	525	556	42	226	81	200	640	400	1038	1393
W09	1118	370	670	475	335	318	698	565	592	42	261	81	210	690	430	1102	1472
W10	1150	370	670	475	335	318	730	565	592	42	261	81	210	720	430	1134	1504
W11	1260	420	750	515	375	360	780	630	612	48	281	91	240	770	480	1275	1695
W12	1295	420	750	515	375	360	815	630	662	48	281	91	240	810	480	1310	1730
W13	1422	465	850	570	425	403	897	725	702	48	317	105	270	880	540	1405	1870
W14	1463	465	850	570	425	403	938	725	762	48	317	105	290	930	580	1446	1911
W15	1531	495	900	630	450	425	966	760	810	56	357	105	290	960	580	1570	2065
W16	1571	495	900	630	450	425	1006	760	810	56	357	105	310	1000	620	1610	2105

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	70 m6	140	74.5	20 h9	M20
W06	70 m6	140	74.5	20 h9	M20
W07	80 m6	170	85	22 h9	M20
W08	80 m6	170	85	22 h9	M20
W09	90 m6	170	95	25 h9	M24
W10	90 m6	170	95	25 h9	M24
W11	100 m6	210	106	28 h9	M24
W12	100 m6	210	106	28 h9	M24
W13	120 m6	210	131	32 h9	M24
W14	120 m6	210	131	32 h9	M24
W15	130 m6	250	141	32 h9	M24
W16	130 m6	250	141	32 h9	M24

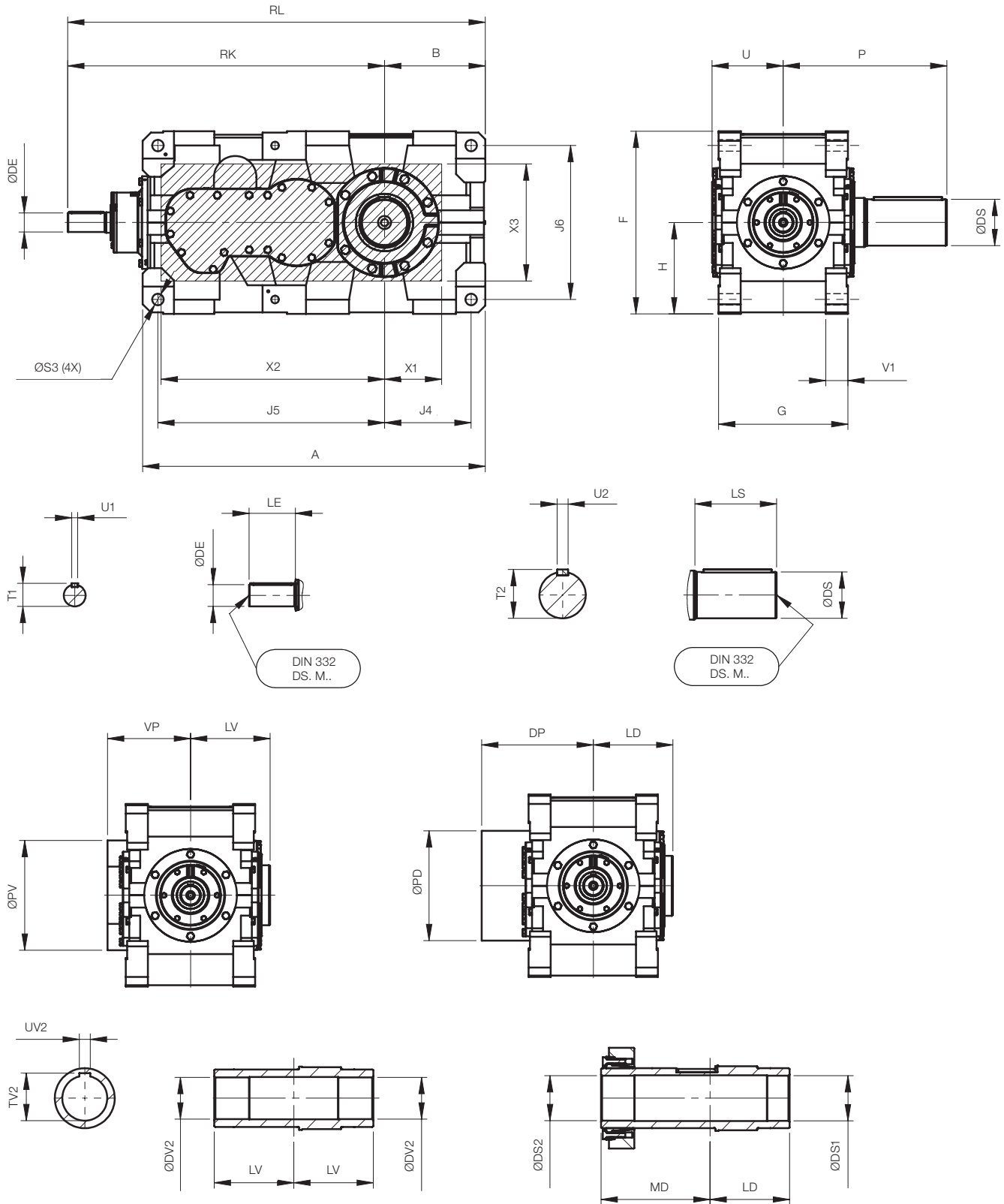
Solid output shaft						
Size	ØDE	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	520
W06	130 m6	250	137	32 h9	M24	594
W07	140 m6	250	148	36 h9	M30	906
W08	160 m6	300	169	40 h9	M30	1,015
W09	170 m6	300	179	40 h9	M30	1,288
W10	170 m6	300	179	40 h9	M30	1,368
W11	180 m6	300	190	45 h9	M30	1,827
W12	190 m6	350	200	45 h9	M30	1,938
W13	210 m6	350	221	50 h9	M30	2,471
W14	230 m6	410	241	50 h9	M36	2,848
W15	230 m6	410	241	50 h9	M36	3,293
W16	240 m6	410	252	56 h9	M36	3,558

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	494
W06	125 H8	224	320	132.4	32 JS9	265	546
W07	135 H8	256	350	143.4	36 JS9	305	814
W08	150 H8	256	380	158.4	36 JS9	305	928
W09	165 H8	292	400	174.4	40 JS9	345	1,134
W10	165 H8	292	400	174.4	40 JS9	345	1,217
W11	180 H8	319	460	190.4	45 JS9	370	1,584
W12	190 H8	319	460	200.4	45 JS9	370	1,692
W13	210 H8	352	520	221.4	50 JS9	400	2,253
W14	210 H8	352	560	221.4	50 JS9	400	2,418
W15	230 H8	400	560	241.4	50 JS9	460	2,848
W16	240 H8	400	600	252.4	56 JS9	460	3,103

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	497
W06	131 H9	130 H7	320	224	336	375	551
W07	141 H9	140 H7	350	256	364	415	822
W08	151 H9	150 H7	380	256	364	415	939
W09	166 H9	165 H7	400	292	400	450	1,167
W10	166 H9	165 H7	400	292	400	450	1,251
W11	181 H9	180 H7	460	319	451	500	1,610
W12	191 H9	190 H7	460	319	451	500	1,719
W13	211 H9	210 H7	520	352	498	550	2,284
W14	211 H9	210 H7	560	352	498	550	2,449
W15	231 H9	230 H7	560	400	570	630	2,885
W16	241 H9	240 H7	600	400	570	630	3,137

Dimensions and Weight

Vertical Mounting Right Angle Shafts R 3 Stages



The dimensions of the hatched area X1, X2 and X3 are suggestions for the design of the gearbox mounting base.

Dimensions and Weight

Vertical Mounting

Right Angle Shafts R 3 Stages

Size	A	B	F	G	H	J4	J5	J6	P	ØS3 (4x)	U	V1	X1	X2	X3	RK	RL
W05	913	250	530	360	265	210	623	445	432	35	191	67	165	595	330	888	1138
W06	1004	295	530	360	265	255	669	445	475	35	191	67	170	640	340	934	1229
W07	1140	355	630	425	315	303	737	525	506	42	226	81	190	700	370	1000	1355
W08	1194	355	630	425	315	303	791	525	556	42	226	81	200	760	400	1054	1409
W09	1253	370	670	475	335	318	832	565	592	42	261	81	210	820	430	1158	1528
W10	1285	370	670	475	335	318	864	565	592	42	261	81	210	850	430	1190	1560
W11	1412	420	750	515	375	360	934	630	612	48	281	91	240	920	480	1327	1747
W12	1447	420	750	515	375	360	969	630	662	48	281	91	240	960	480	1362	1782
W13	1597	465	850	570	425	403	1072	725	702	48	317	105	270	1060	540	1497	1962
W14	1637	465	850	570	425	403	1111	725	762	48	317	105	290	1100	580	1537	2002
W15	1711	495	900	630	450	425	1146	760	810	56	357	105	290	1120	580	1556	2051
W16	1751	495	900	630	450	425	1186	760	810	56	357	105	310	1160	620	1596	2091

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	45 k6	110	48.5	14 h9	M16
W06	45 k6	110	48.5	14 h9	M16
W07	55 m6	110	59	16 h9	M20
W08	55 m6	110	59	16 h9	M20
W09	70 m6	140	74.5	20 h9	M20
W10	70 m6	140	74.5	20 h9	M20
W11	80 m6	170	85	22 h9	M20
W12	80 m6	170	85	22 h9	M20
W13	90 m6	170	95	25 h9	M24
W14	90 m6	170	95	25 h9	M24
W15	90 m6	170	95	25 h9	M24
W16	90 m6	170	95	25 h9	M24

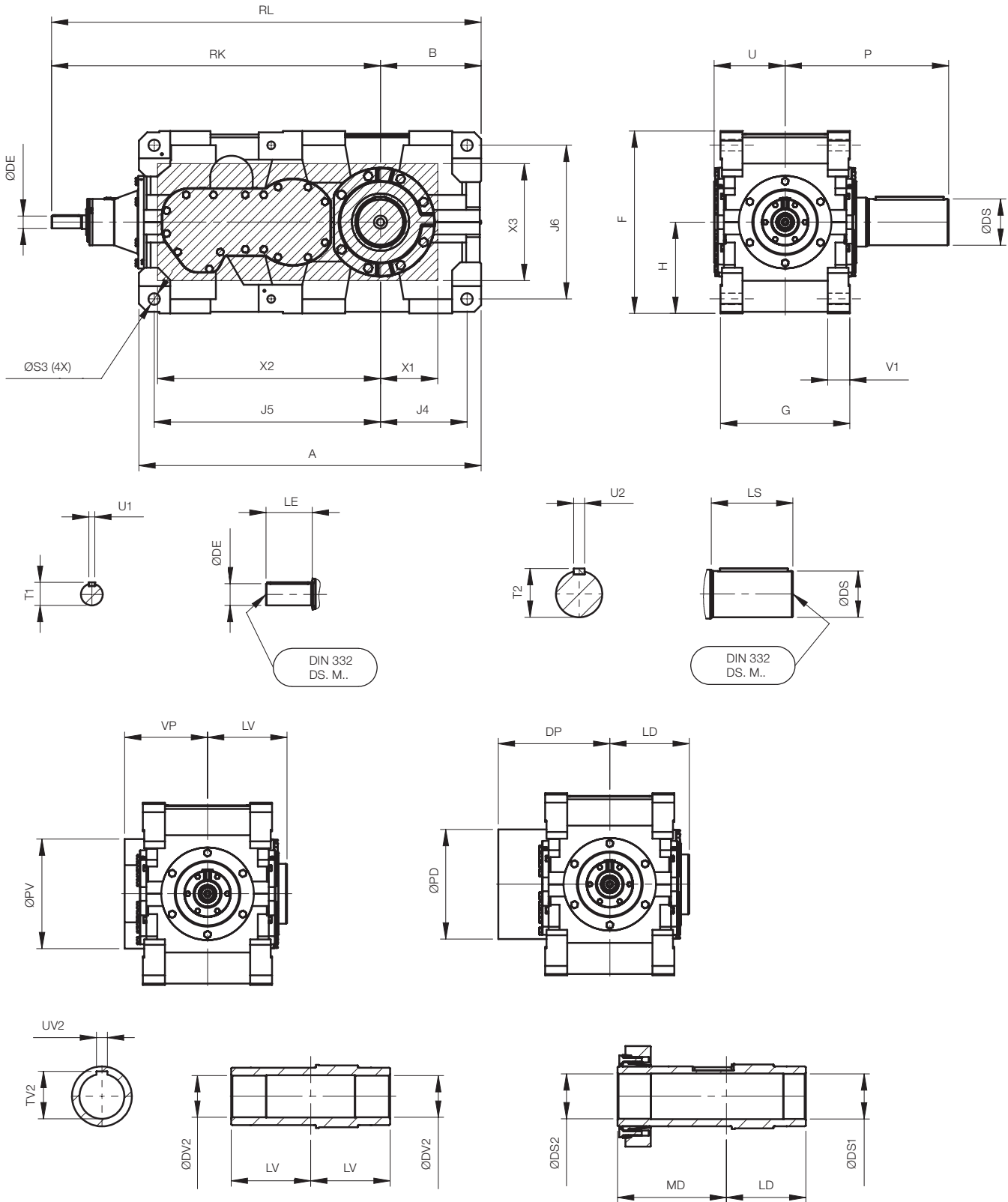
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	538
W06	130 m6	250	137	32 h9	M24	612
W07	140 m6	250	148	36 h9	M30	927
W08	160 m6	300	169	40 h9	M30	1,036
W09	170 m6	300	179	40 h9	M30	1,323
W10	170 m6	300	179	40 h9	M30	1,403
W11	180 m6	300	190	45 h9	M30	1,884
W12	190 m6	350	200	45 h9	M30	1,995
W13	210 m6	350	221	50 h9	M30	2,534
W14	230 m6	410	241	50 h9	M36	2,911
W15	230 m6	410	241	50 h9	M36	3,336
W16	240 m6	410	252	56 h9	M36	3,600

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	489
W06	125 H8	224	320	132.4	32 JS9	265	548
W07	135 H8	256	350	143.4	36 JS9	305	840
W08	150 H8	256	380	158.4	36 JS9	305	958
W09	165 H8	292	400	174.4	40 JS9	345	1,201
W10	165 H8	292	400	174.4	40 JS9	345	1,278
W11	180 H8	319	460	190.4	45 JS9	370	1,697
W12	190 H8	319	460	200.4	45 JS9	370	1,805
W13	210 H8	352	520	221.4	50 JS9	400	2,331
W14	210 H8	352	560	221.4	50 JS9	400	2,518
W15	230 H8	400	560	241.4	50 JS9	460	2,911
W16	240 H8	400	600	252.4	56 JS9	460	3,155

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	492
W06	131 H9	130 H7	320	224	336	375	553
W07	141 H9	140 H7	350	256	364	415	848
W08	151 H9	150 H7	380	256	364	415	969
W09	166 H9	165 H7	400	292	400	450	1,234
W10	166 H9	165 H7	400	292	400	450	1,312
W11	181 H9	180 H7	460	319	451	500	1,723
W12	191 H9	190 H7	460	319	451	500	1,832
W13	211 H9	210 H7	520	352	498	550	2,362
W14	211 H9	210 H7	560	352	498	550	2,549
W15	231 H9	230 H7	560	400	570	630	2,948
W16	241 H9	240 H7	600	400	570	630	3,189

Dimensions and Weight

Vertical Mounting Right Angle Shafts R 4 Stages



The dimensions of the hatched area $X1$, $X2$ and $X3$ are suggestions for the design of the gearbox mounting base.

Dimensions and Weight

Vertical Mounting

Right Angle Shafts R 4 Stages

Size	A	B	F	G	H	J4	J5	J6	P	ØS3 (4x)	U	V1	X1	X2	X3	RK	RL
W05	913	250	530	360	265	210	623	445	432	35	191	67	165	595	330	868	1118
W06	1004	295	530	360	265	255	669	445	475	35	191	67	170	640	340	914	1209
W07	1140	355	630	425	315	303	737	525	506	42	226	81	190	700	370	1012	1367
W08	1194	355	630	425	315	303	791	525	556	42	226	81	200	760	400	1066	1421
W09	1253	370	670	475	335	318	832	565	592	42	261	81	210	820	430	1204	1574
W10	1285	370	670	475	335	318	864	565	592	42	261	81	210	850	430	1236	1606
W11	1412	420	750	515	375	360	934	630	612	48	281	91	240	920	480	1343	1763
W12	1447	420	750	515	375	360	969	630	662	48	281	91	240	960	480	1378	1798
W13	1597	465	850	570	425	403	1072	725	702	48	317	105	270	1060	540	1543	2008
W14	1637	465	850	570	425	403	1111	725	762	48	317	105	290	1100	580	1583	2048
W15	1711	495	900	630	450	425	1146	760	810	56	357	105	290	1120	580	1602	2097
W16	1751	495	900	630	450	425	1186	760	810	56	357	105	310	1160	620	1642	2137

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	32 k6	80	35	10 h9	M12
W06	32 k6	80	35	10 h9	M12
W07	38 k6	80	41	10 h9	M12
W08	38 k6	80	41	10 h9	M12
W09	45 k6	110	48.5	14 h9	M16
W10	45 k6	110	48.5	14 h9	M16
W11	55 m6	110	59	16 h9	M20
W12	55 m6	110	59	16 h9	M20
W13	70 m6	140	74.5	20 h9	M20
W14	70 m6	140	74.5	20 h9	M20
W15	70 m6	140	74.5	20 h9	M20
W16	70 m6	140	74.5	20 h9	M20

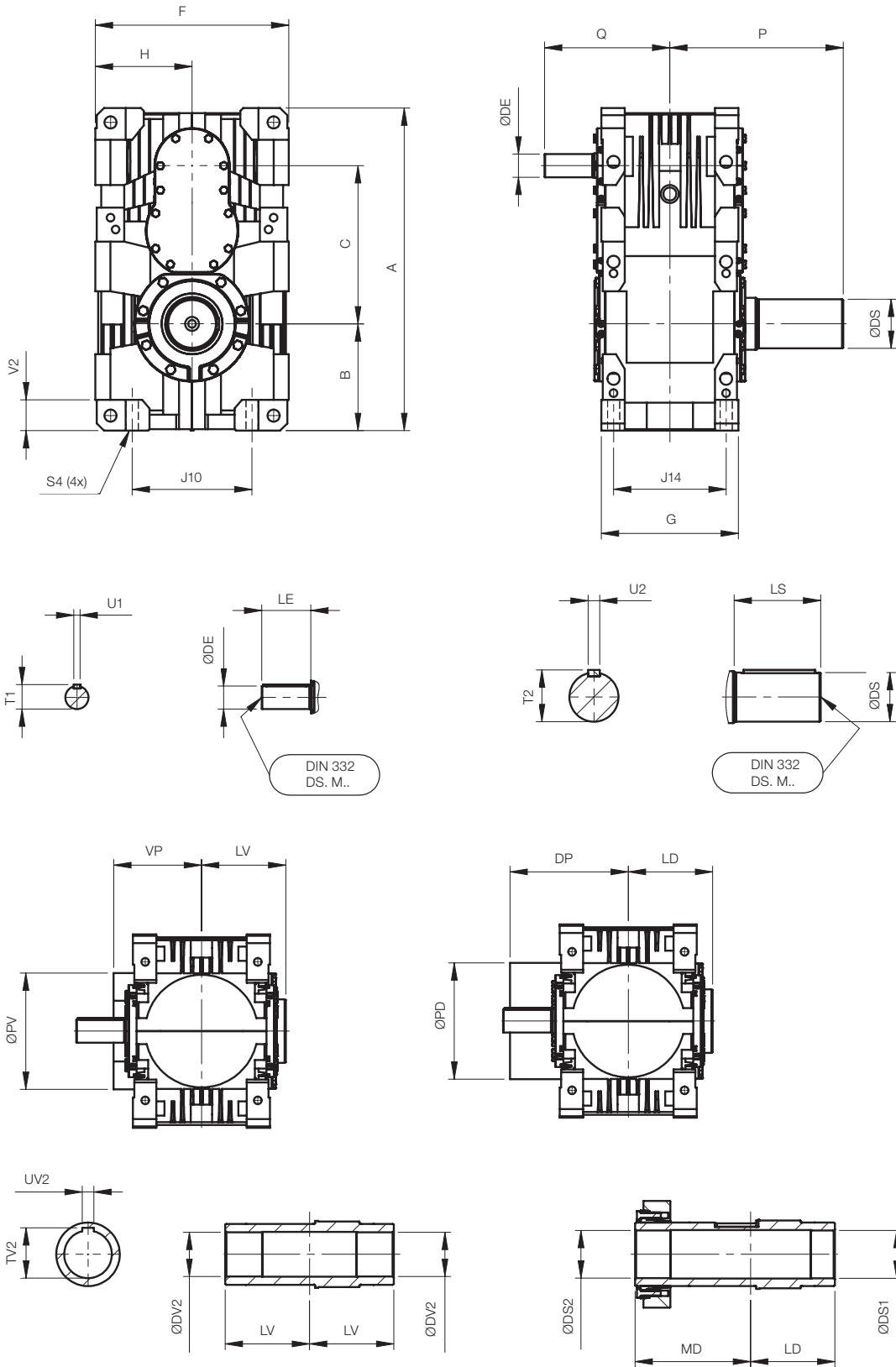
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	532
W06	130 m6	250	137	32 h9	M24	606
W07	140 m6	250	148	36 h9	M30	925
W08	160 m6	300	169	40 h9	M30	1,034
W09	170 m6	300	179	40 h9	M30	1,318
W10	170 m6	300	179	40 h9	M30	1,398
W11	180 m6	300	190	45 h9	M30	1,873
W12	190 m6	350	200	45 h9	M30	1,984
W13	210 m6	350	221	50 h9	M30	2,537
W14	230 m6	410	241	50 h9	M36	2,914
W15	230 m6	410	241	50 h9	M36	3,350
W16	240 m6	410	252	56 h9	M36	3,614

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	483
W06	125 H8	224	320	132.4	32 JS9	265	542
W07	135 H8	256	350	143.4	36 JS9	305	838
W08	150 H8	256	380	158.4	36 JS9	305	956
W09	165 H8	292	400	174.4	40 JS9	345	1,196
W10	165 H8	292	400	174.4	40 JS9	345	1,273
W11	180 H8	319	460	190.4	45 JS9	370	1,686
W12	190 H8	319	460	200.4	45 JS9	370	1,794
W13	210 H8	352	520	221.4	50 JS9	400	2,334
W14	210 H8	352	560	221.4	50 JS9	400	2,521
W15	230 H8	400	560	241.4	50 JS9	460	2,925
W16	240 H8	400	600	252.4	56 JS9	460	3,169

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	486
W06	131 H9	130 H7	320	224	336	375	547
W07	141 H9	140 H7	350	256	364	415	846
W08	151 H9	150 H7	380	256	364	415	967
W09	166 H9	165 H7	400	292	400	450	1,229
W10	166 H9	165 H7	400	292	400	450	1,307
W11	181 H9	180 H7	460	319	451	500	1,712
W12	191 H9	190 H7	460	319	451	500	1,821
W13	211 H9	210 H7	520	352	498	550	2,365
W14	211 H9	210 H7	560	352	498	550	2,552
W15	231 H9	230 H7	560	400	570	630	2,962
W16	241 H9	240 H7	600	400	570	630	3,203

Dimensions and Weight

Foot Mounting (P4) Parallel Shafts 2 Stages



Dimensions and Weight

Foot Mounting (P4)

Parallel Shafts 2 Stages

Size	A	B	C	F	G	H	J10	J14	P	Q	S4 (4x)	V2
W05	808	250	398	530	360	265	335	290	432	345	Ø35	86
W06	899	295	444	530	360	265	335	290	475	345	Ø35	86
W07	1015	355	470	630	425	315	400	340	506	380	Ø42	105
W08	1069	355	524	630	425	315	400	340	556	380	Ø42	105
W09	1118	370	548	670	475	335	415	390	592	440	Ø42	107
W10	1150	370	580	670	475	335	415	390	592	440	Ø42	107
W11	1260	420	617	750	515	375	455	420	612	460	Ø48	128
W12	1295	420	652	750	515	375	455	420	662	460	Ø48	128
W13	1422	465	707	850	570	425	610	440	702	535	M42x63	-
W14	1463	465	748	850	570	425	610	440	762	535	M42x63	-
W15	1531	495	766	900	630	450	600	510	810	575	M48x72	-
W16	1571	495	806	900	630	450	600	510	810	575	M48x72	-

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	60 m6	140	64	18 h9	M20
W06	60 m6	140	64	18 h9	M20
W07	70 m6	140	74.5	20 h9	M20
W08	70 m6	140	74.5	20 h9	M20
W09	80 m6	170	85	22 h9	M20
W10	80 m6	170	85	22 h9	M20
W11	95 m6	170	100	25 h9	M24
W12	95 m6	170	100	25 h9	M24
W13	105 m6	210	111	28 h9	M24
W14	105 m6	210	111	28 h9	M24
W15	115 m6	210	122	32 h9	M24
W16	115 m6	210	122	32 h9	M24

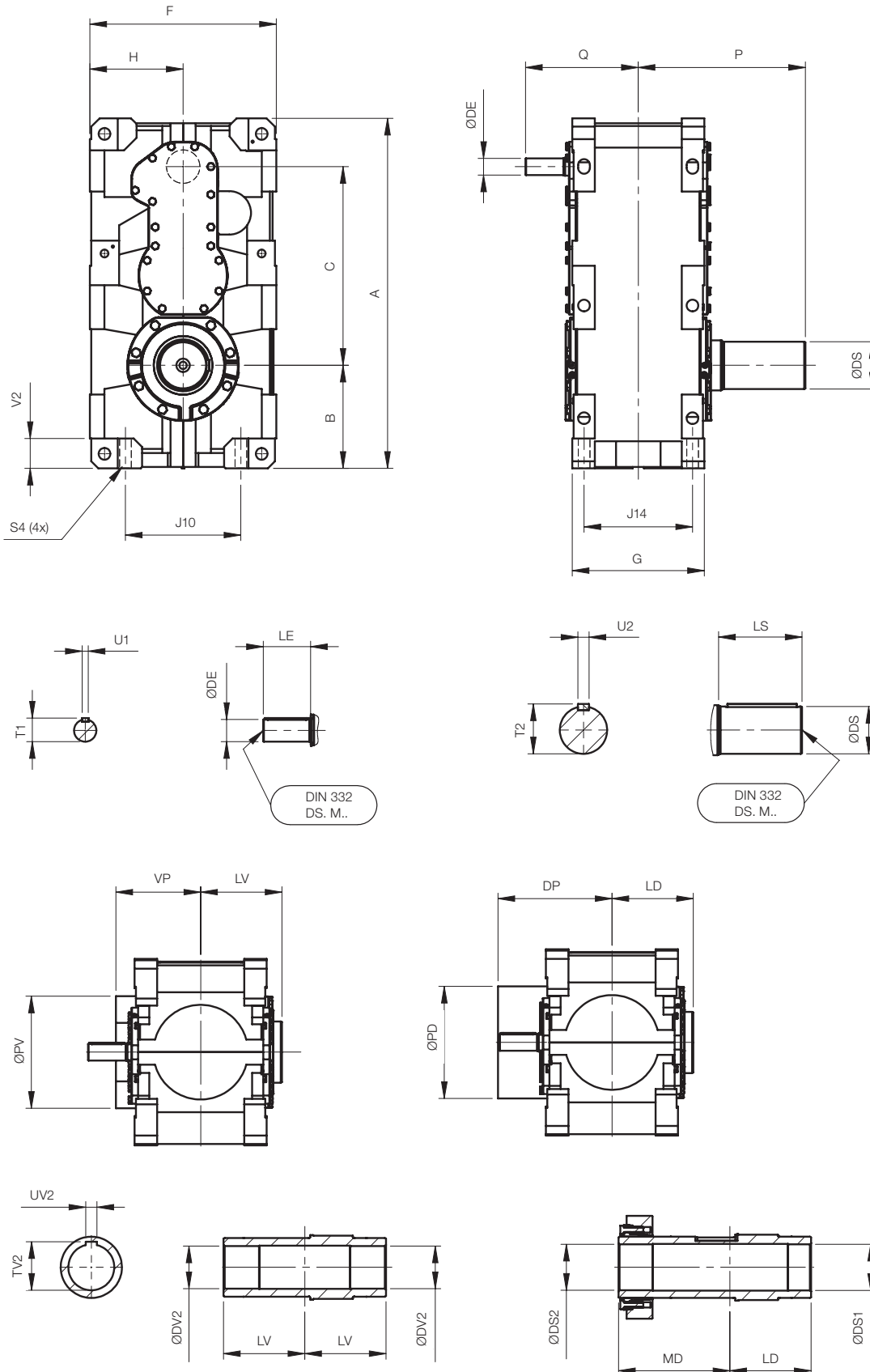
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	485
W06	130 m6	250	137	32 h9	M24	552
W07	140 m6	250	148	36 h9	M30	840
W08	160 m6	300	169	40 h9	M30	945
W09	170 m6	300	179	40 h9	M30	1,161
W10	170 m6	300	179	40 h9	M30	1,247
W11	180 m6	300	190	45 h9	M30	1,656
W12	190 m6	350	200	45 h9	M30	1,767
W13	210 m6	350	221	50 h9	M30	2,267
W14	230 m6	410	241	50 h9	M36	2,622
W15	230 m6	410	241	50 h9	M36	3,051
W16	240 m6	410	252	56 h9	M36	3,326

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	436
W06	125 H8	224	320	132.4	32 JS9	265	488
W07	135 H8	256	350	143.4	36 JS9	305	753
W08	150 H8	256	380	158.4	36 JS9	305	867
W09	165 H8	292	400	174.4	40 JS9	345	1,039
W10	165 H8	292	400	174.4	40 JS9	345	1,122
W11	180 H8	319	460	190.4	45 JS9	370	1,469
W12	190 H8	319	460	200.4	45 JS9	370	1,577
W13	210 H8	352	520	221.4	50 JS9	400	2,064
W14	210 H8	352	560	221.4	50 JS9	400	2,229
W15	230 H8	400	560	241.4	50 JS9	460	2,626
W16	240 H8	400	600	252.4	56 JS9	460	2,881

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	439
W06	131 H9	130 H7	320	224	336	375	493
W07	141 H9	140 H7	350	256	364	415	761
W08	151 H9	150 H7	380	256	364	415	878
W09	166 H9	165 H7	400	292	400	450	1,072
W10	166 H9	165 H7	400	292	400	450	1,156
W11	181 H9	180 H7	460	319	451	500	1,495
W12	191 H9	190 H7	460	319	451	500	1,604
W13	211 H9	210 H7	520	352	498	550	2,095
W14	211 H9	210 H7	560	352	498	550	2,260
W15	231 H9	230 H7	560	400	570	630	2,663
W16	241 H9	240 H7	600	400	570	630	2,915

Dimensions and Weight

Foot Mounting (P4) Parallel Shafts 3 Stages



Dimensions and Weight

Foot Mounting (P4) Parallel Shafts 3 Stages

Size	A	B	C	F	G	H	J10	J14	P	Q	S4 (4x)	V2
W05	918	250	518	530	360	265	335	290	432	315	Ø35	86
W06	1009	295	564	530	360	265	335	290	475	315	Ø35	86
W07	1145	355	612	630	425	315	400	340	506	350	Ø42	105
W08	1199	355	666	630	425	315	400	340	556	350	Ø42	105
W09	1258	370	714	670	475	335	415	390	592	405	Ø42	107
W10	1290	370	746	670	475	335	415	390	592	405	Ø42	107
W11	1417	420	813	750	515	375	455	420	612	425	Ø48	128
W12	1452	420	848	750	515	375	455	420	662	425	Ø48	128
W13	1604	465	933	850	570	425	610	440	702	455	M42x63	-
W14	1644	465	973	850	570	425	610	440	762	455	M42x63	-
W15	1718	495	992	900	630	450	600	510	810	485	M48x72	-
W16	1758	495	1032	900	630	450	600	510	810	485	M48x72	-

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	45 k6	110	48.5	14 h9	M16
W06	45 k6	110	48.5	14 h9	M16
W07	50 k6	110	53.5	14 h9	M16
W08	50 k6	110	53.5	14 h9	M16
W09	60 m6	140	64	18 h9	M20
W10	60 m6	140	64	18 h9	M20
W11	65 m6	140	69	18 h9	M20
W12	65 m6	140	69	18 h9	M20
W13	75 m6	140	79.5	20 h9	M20
W14	75 m6	140	79.5	20 h9	M20
W15	75 m6	140	79.5	20 h9	M20
W16	75 m6	140	79.5	20 h9	M20

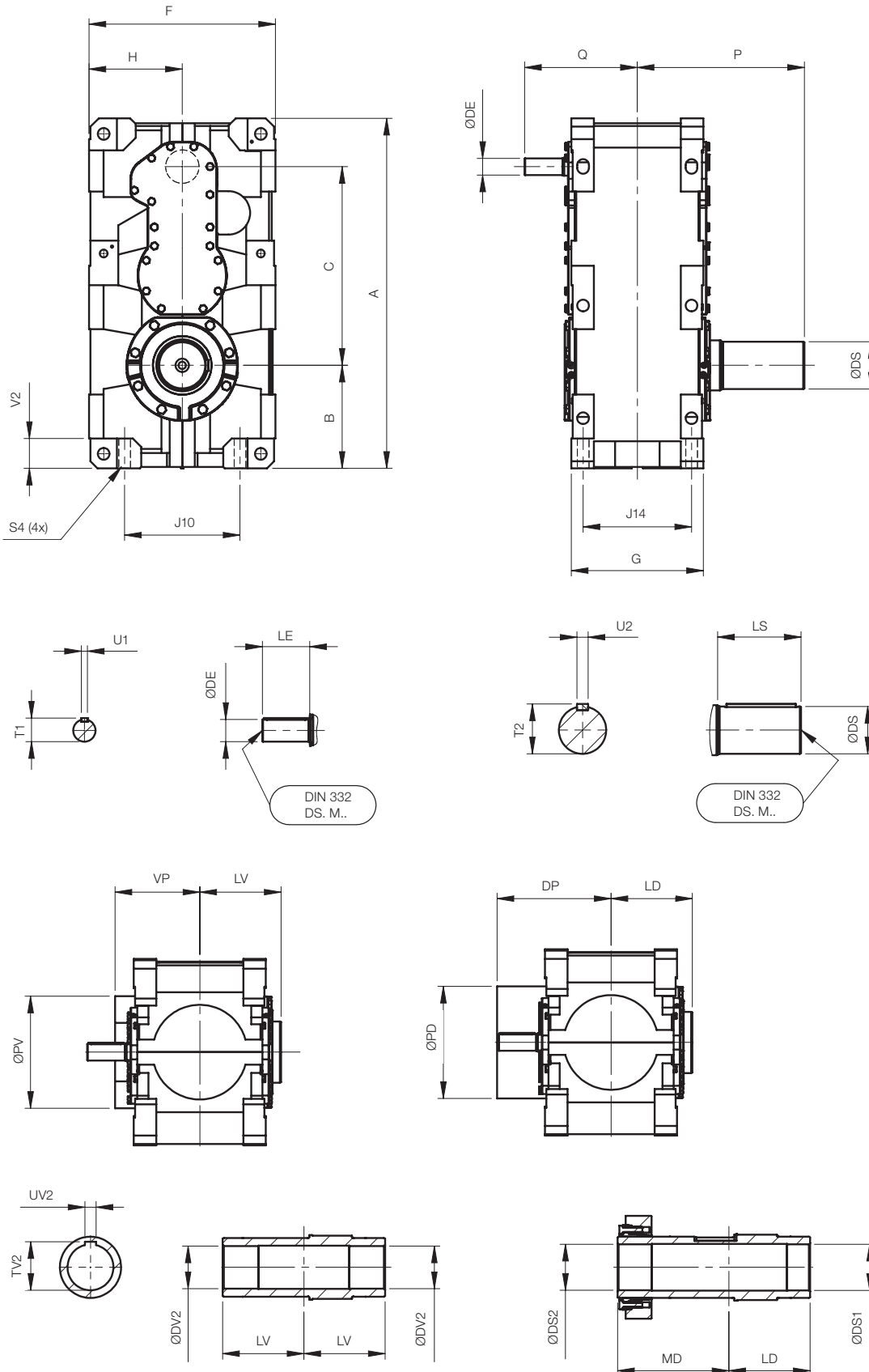
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	517
W06	130 m6	250	137	32 h9	M24	585
W07	140 m6	250	148	36 h9	M30	891
W08	160 m6	300	169	40 h9	M30	1,000
W09	170 m6	300	179	40 h9	M30	1,275
W10	170 m6	300	179	40 h9	M30	1,355
W11	180 m6	300	190	45 h9	M30	1,825
W12	190 m6	350	200	45 h9	M30	1,936
W13	210 m6	350	221	50 h9	M30	2,451
W14	230 m6	410	241	50 h9	M36	2,828
W15	230 m6	410	241	50 h9	M36	3,300
W16	240 m6	410	252	56 h9	M36	3,565

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	468
W06	125 H8	224	320	132.4	32 JS9	265	527
W07	135 H8	256	350	143.4	36 JS9	305	810
W08	150 H8	256	380	158.4	36 JS9	305	928
W09	165 H8	292	400	174.4	40 JS9	345	1,153
W10	165 H8	292	400	174.4	40 JS9	345	1,230
W11	180 H8	319	460	190.4	45 JS9	370	1,618
W12	190 H8	319	460	200.4	45 JS9	370	1,726
W13	210 H8	352	520	221.4	50 JS9	400	2,224
W14	210 H8	352	560	221.4	50 JS9	400	2,411
W15	230 H8	400	560	241.4	50 JS9	460	2,827
W16	240 H8	400	600	252.4	56 JS9	460	3,072

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	471
W06	131 H9	130 H7	320	224	336	375	532
W07	141 H9	140 H7	350	256	364	415	818
W08	151 H9	150 H7	380	256	364	415	939
W09	166 H9	165 H7	400	292	400	450	1,186
W10	166 H9	165 H7	400	292	400	450	1,264
W11	181 H9	180 H7	460	319	451	500	1,644
W12	191 H9	190 H7	460	319	451	500	1,753
W13	211 H9	210 H7	520	352	498	550	2,255
W14	211 H9	210 H7	560	352	498	550	2,442
W15	231 H9	230 H7	560	400	570	630	2,864
W16	241 H9	240 H7	600	400	570	630	3,106

Dimensions and Weight

Foot Mounting (P4) Parallel Shafts 4 Stages



Dimensions and Weight

Foot Mounting (P4) Parallel Shafts 4 Stages

Size	A	B	C	F	G	H	J10	J14	P	Q	S4 (4x)	V2
W05	918	250	518	530	360	265	335	290	432	285	Ø35	86
W06	1009	295	564	530	360	265	335	290	475	285	Ø35	86
W07	1145	355	612	630	425	315	400	340	506	320	Ø42	105
W08	1199	355	666	630	425	315	400	340	556	320	Ø42	105
W09	1258	370	714	670	475	335	415	390	592	375	Ø42	107
W10	1290	370	746	670	475	335	415	390	592	375	Ø42	107
W11	1417	420	813	750	515	375	455	420	612	395	Ø48	128
W12	1452	420	848	750	515	375	455	420	662	395	Ø48	128
W13	1604	465	933	850	570	425	610	440	702	425	M42x63	-
W14	1644	465	973	850	570	425	610	440	762	425	M42x63	-
W15	1718	495	992	900	630	450	600	510	810	485	M48x72	-
W16	1758	495	1032	900	630	450	600	510	810	485	M48x72	-

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	30 k6	80	33	8 h9	M10
W06	30 k6	80	33	8 h9	M10
W07	35 k6	80	38	10 h9	M12
W08	35 k6	80	38	10 h9	M12
W09	40 k6	110	43	12 h9	M16
W10	40 k6	110	43	12 h9	M16
W11	45 k6	110	48.5	14 h9	M16
W12	45 k6	110	48.5	14 h9	M16
W13	55 m6	110	59	16 h9	M20
W14	55 m6	110	59	16 h9	M20
W15	60 m6	140	64	18 h9	M20
W16	60 m6	140	64	18 h9	M20

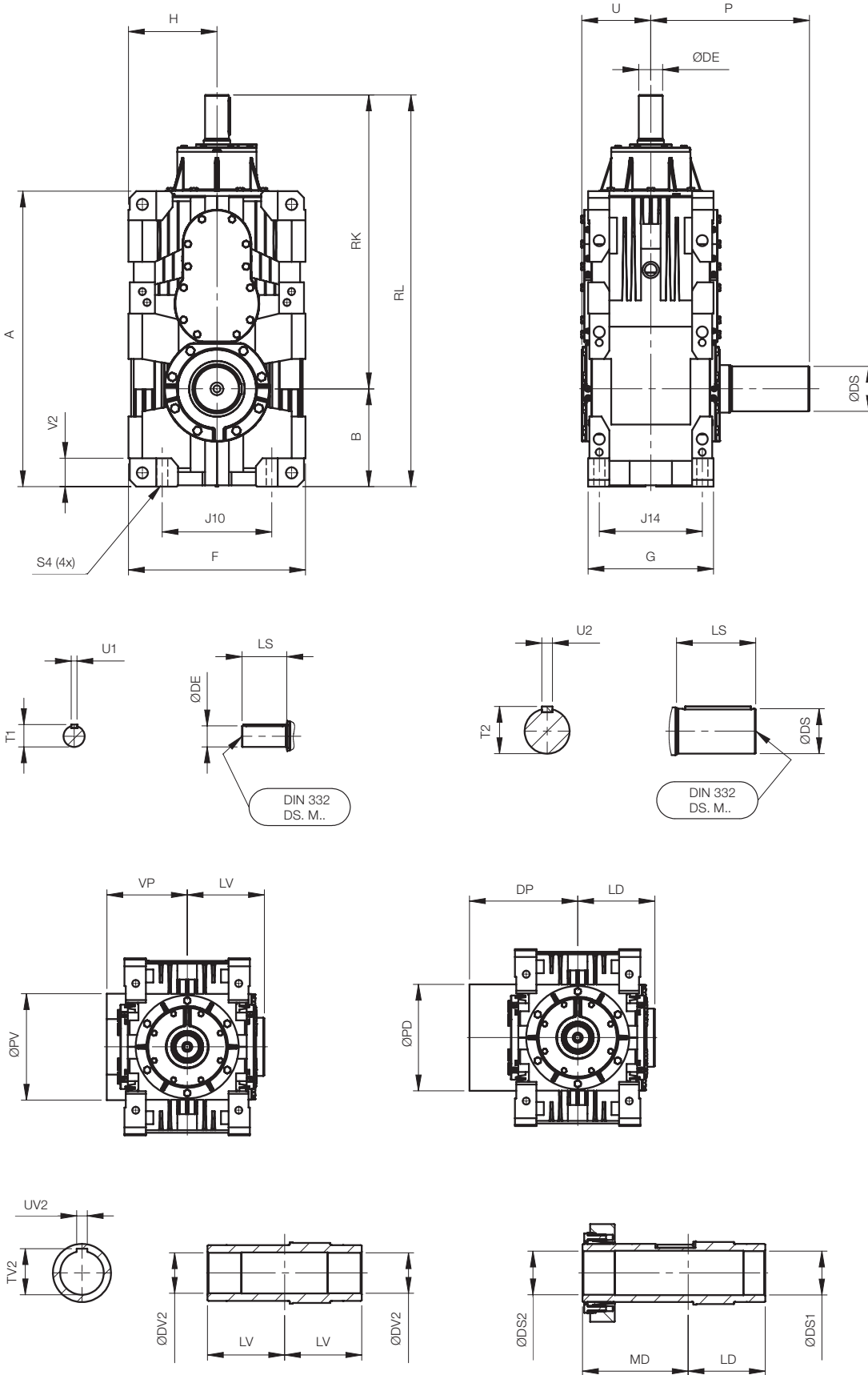
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	520
W06	130 m6	250	137	32 h9	M24	594
W07	140 m6	250	148	36 h9	M30	906
W08	160 m6	300	169	40 h9	M30	1,015
W09	170 m6	300	179	40 h9	M30	1,288
W10	170 m6	300	179	40 h9	M30	1,368
W11	180 m6	300	190	45 h9	M30	1,827
W12	190 m6	350	200	45 h9	M30	1,938
W13	210 m6	350	221	50 h9	M30	2,471
W14	230 m6	410	241	50 h9	M36	2,848
W15	230 m6	410	241	50 h9	M36	3,293
W16	240 m6	410	252	56 h9	M36	3,558

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	471
W06	125 H8	224	320	132.4	32 JS9	265	530
W07	135 H8	256	350	143.4	36 JS9	305	819
W08	150 H8	256	380	158.4	36 JS9	305	937
W09	165 H8	292	400	174.4	40 JS9	345	1,166
W10	165 H8	292	400	174.4	40 JS9	345	1,243
W11	180 H8	319	460	190.4	45 JS9	370	1,640
W12	190 H8	319	460	200.4	45 JS9	370	1,748
W13	210 H8	352	520	221.4	50 JS9	400	2,268
W14	210 H8	352	560	221.4	50 JS9	400	2,455
W15	230 H8	400	560	241.4	50 JS9	460	2,868
W16	240 H8	400	600	252.4	56 JS9	460	3,113

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	474
W06	131 H9	130 H7	320	224	336	375	535
W07	141 H9	140 H7	350	256	364	415	827
W08	151 H9	150 H7	380	256	364	415	948
W09	166 H9	165 H7	400	292	400	450	1,199
W10	166 H9	165 H7	400	292	400	450	1,277
W11	181 H9	180 H7	460	319	451	500	1,666
W12	191 H9	190 H7	460	319	451	500	1,775
W13	211 H9	210 H7	520	352	498	550	2,299
W14	211 H9	210 H7	560	352	498	550	2,486
W15	231 H9	230 H7	560	400	570	630	2,905
W16	241 H9	240 H7	600	400	570	630	3,147

Dimensions and Weight

Foot Mounting (P4) Right Angle Shafts R 2 Stages



Dimensions and Weight

Foot Mounting (P4)

Right Angle Shafts R 2 Stages

Size	A	B	F	G	H	J10	J14	P	S4 (4x)	U	V2	RK	RL
W05	808	250	530	360	265	335	290	432	Ø35	191	86	842	1092
W06	899	295	530	360	265	335	290	475	Ø35	191	86	888	1183
W07	1015	355	630	425	315	400	340	506	Ø42	226	105	984	1339
W08	1069	355	630	425	315	400	340	556	Ø42	226	105	1038	1393
W09	1118	370	670	475	335	415	390	592	Ø42	261	107	1102	1472
W10	1150	370	670	475	335	415	390	592	Ø42	261	107	1134	1504
W11	1260	420	750	515	375	455	420	612	Ø48	281	128	1275	1695
W12	1295	420	750	515	375	455	420	662	Ø48	281	128	1310	1730
W13	1422	465	850	570	425	610	440	702	M42x63	317	-	1405	1870
W14	1463	465	850	570	425	610	440	762	M42x63	317	-	1446	1911
W15	1531	495	900	630	450	600	510	810	M48x72	357	-	1570	2065
W16	1571	495	900	630	450	600	510	810	M48x72	357	-	1610	2105

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	70 m6	140	74.5	20 h9	M20
W06	70 m6	140	74.5	20 h9	M20
W07	80 m6	170	85	22 h9	M20
W08	80 m6	170	85	22 h9	M20
W09	90 m6	170	95	25 h9	M24
W10	90 m6	170	95	25 h9	M24
W11	100 m6	210	106	28 h9	M24
W12	100 m6	210	106	28 h9	M24
W13	120 m6	210	131	32 h9	M24
W14	120 m6	210	131	32 h9	M24
W15	130 m6	250	141	32 h9	M24
W16	130 m6	250	141	32 h9	M24

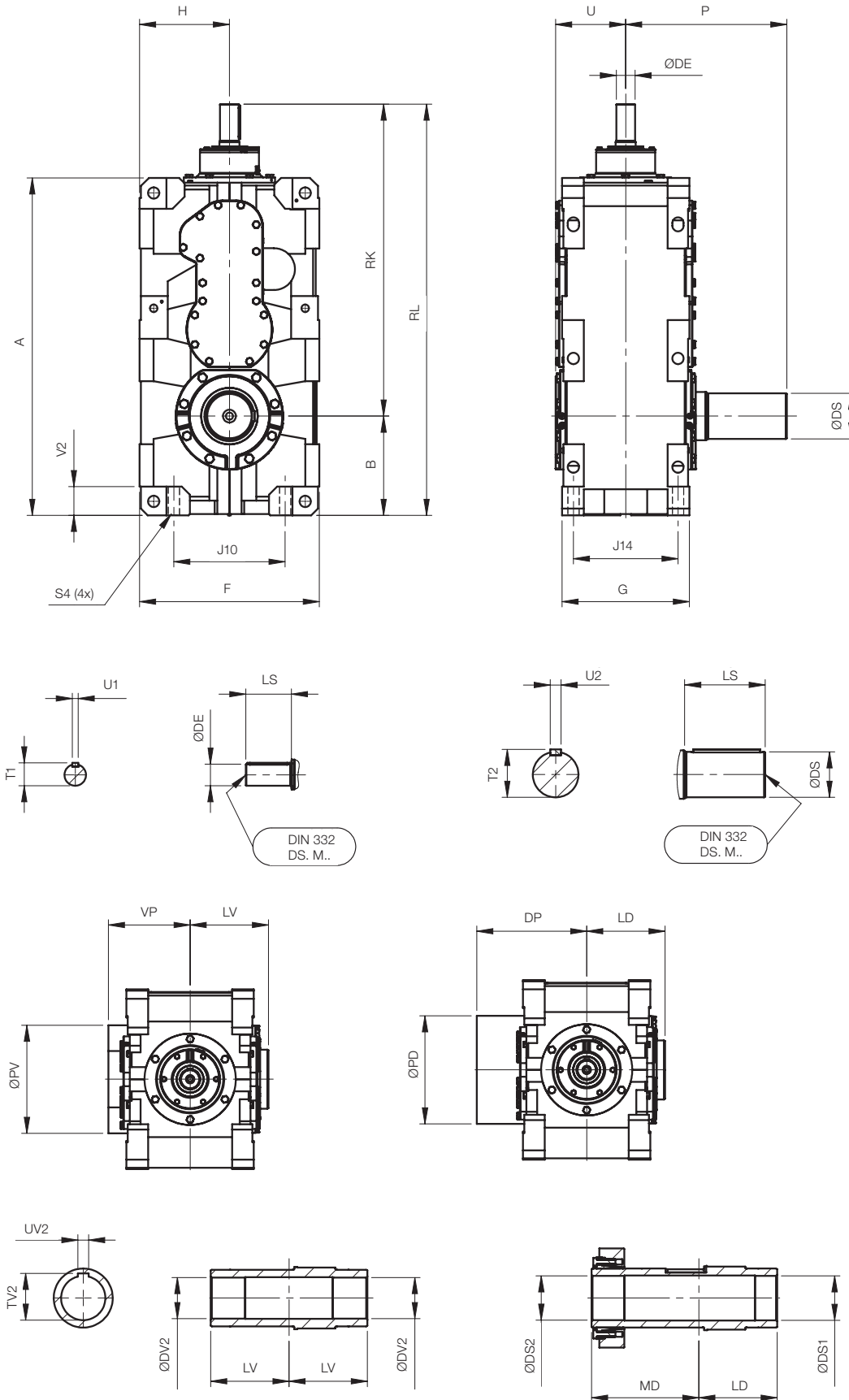
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	543
W06	130 m6	250	137	32 h9	M24	610
W07	140 m6	250	148	36 h9	M30	901
W08	160 m6	300	169	40 h9	M30	1,006
W09	170 m6	300	179	40 h9	M30	1,256
W10	170 m6	300	179	40 h9	M30	1,342
W11	180 m6	300	190	45 h9	M30	1,771
W12	190 m6	350	200	45 h9	M30	1,882
W13	210 m6	350	221	50 h9	M30	2,456
W14	230 m6	410	241	50 h9	M36	2,811
W15	230 m6	410	241	50 h9	M36	3,273
W16	240 m6	410	252	56 h9	M36	3,548

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	494
W06	125 H8	224	320	132.4	32 JS9	265	546
W07	135 H8	256	350	143.4	36 JS9	305	814
W08	150 H8	256	380	158.4	36 JS9	305	928
W09	165 H8	292	400	174.4	40 JS9	345	1,134
W10	165 H8	292	400	174.4	40 JS9	345	1,217
W11	180 H8	319	460	190.4	45 JS9	370	1,584
W12	190 H8	319	460	200.4	45 JS9	370	1,692
W13	210 H8	352	520	221.4	50 JS9	400	2,253
W14	210 H8	352	560	221.4	50 JS9	400	2,418
W15	230 H8	400	560	241.4	50 JS9	460	2,848
W16	240 H8	400	600	252.4	56 JS9	460	3,103

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	497
W06	131 H9	130 H7	320	224	336	375	551
W07	141 H9	140 H7	350	256	364	415	822
W08	151 H9	150 H7	380	256	364	415	939
W09	166 H9	165 H7	400	292	400	450	1,167
W10	166 H9	165 H7	400	292	400	450	1,251
W11	181 H9	180 H7	460	319	451	500	1,610
W12	191 H9	190 H7	460	319	451	500	1,719
W13	211 H9	210 H7	520	352	498	550	2,284
W14	211 H9	210 H7	560	352	498	550	2,449
W15	231 H9	230 H7	560	400	570	630	2,885
W16	241 H9	240 H7	600	400	570	630	3,137

Dimensions and Weight

Foot Mounting (P4) Right Angle Shafts R 3 Stages



Dimensions and Weight

Foot Mounting (P4)

Right Angle Shafts R 3 Stages

Size	A	B	F	G	H	J10	J14	P	S4 (4x)	U	V2	RK	RL
W05	913	250	530	360	265	335	290	432	Ø35	191	86	888	1138
W06	1004	295	530	360	265	335	290	475	Ø35	191	86	934	1229
W07	1140	355	630	425	315	400	340	506	Ø42	226	105	1000	1355
W08	1194	355	630	425	315	400	340	556	Ø42	226	105	1054	1409
W09	1253	370	670	475	335	415	390	592	Ø42	261	107	1158	1528
W10	1285	370	670	475	335	415	390	592	Ø42	261	107	1190	1560
W11	1412	420	750	515	375	455	420	612	Ø48	281	128	1327	1747
W12	1447	420	750	515	375	455	420	662	Ø48	281	128	1362	1782
W13	1597	465	850	570	425	610	440	702	M42x63	317	-	1497	1962
W14	1637	465	850	570	425	610	440	762	M42x63	317	-	1537	2002
W15	1711	495	900	630	450	600	510	810	M48x72	357	-	1556	2051
W16	1751	495	900	630	450	600	510	810	M48x72	357	-	1596	2091

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	45 k6	110	48.5	14 h9	M16
W06	45 k6	110	48.5	14 h9	M16
W07	55 m6	110	59	16 h9	M20
W08	55 m6	110	59	16 h9	M20
W09	70 m6	140	74.5	20 h9	M20
W10	70 m6	140	74.5	20 h9	M20
W11	80 m6	170	85	22 h9	M20
W12	80 m6	170	85	22 h9	M20
W13	90 m6	170	95	25 h9	M24
W14	90 m6	170	95	25 h9	M24
W15	90 m6	170	95	25 h9	M24
W16	90 m6	170	95	25 h9	M24

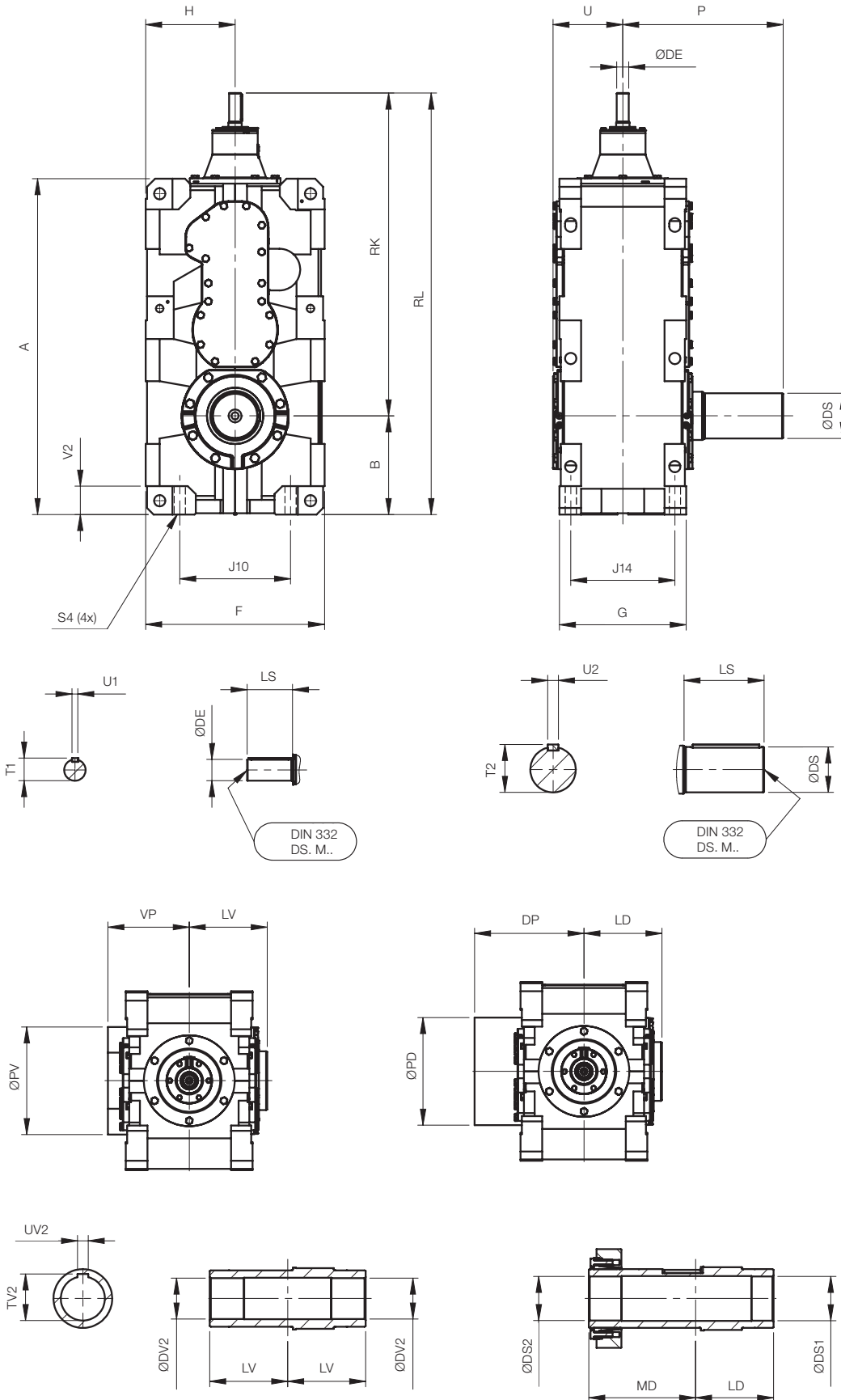
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	538
W06	130 m6	250	137	32 h9	M24	612
W07	140 m6	250	148	36 h9	M30	927
W08	160 m6	300	169	40 h9	M30	1,036
W09	170 m6	300	179	40 h9	M30	1,323
W10	170 m6	300	179	40 h9	M30	1,403
W11	180 m6	300	190	45 h9	M30	1,884
W12	190 m6	350	200	45 h9	M30	1,995
W13	210 m6	350	221	50 h9	M30	2,534
W14	230 m6	410	241	50 h9	M36	2,911
W15	230 m6	410	241	50 h9	M36	3,336
W16	240 m6	410	252	56 h9	M36	3,600

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	489
W06	125 H8	224	320	132.4	32 JS9	265	548
W07	135 H8	256	350	143.4	36 JS9	305	840
W08	150 H8	256	380	158.4	36 JS9	305	958
W09	165 H8	292	400	174.4	40 JS9	345	1,201
W10	165 H8	292	400	174.4	40 JS9	345	1,278
W11	180 H8	319	460	190.4	45 JS9	370	1,697
W12	190 H8	319	460	200.4	45 JS9	370	1,805
W13	210 H8	352	520	221.4	50 JS9	400	2,331
W14	210 H8	352	560	221.4	50 JS9	400	2,518
W15	230 H8	400	560	241.4	50 JS9	460	2,911
W16	240 H8	400	600	252.4	56 JS9	460	3,155

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	492
W06	131 H9	130 H7	320	224	336	375	553
W07	141 H9	140 H7	350	256	364	415	848
W08	151 H9	150 H7	380	256	364	415	969
W09	166 H9	165 H7	400	292	400	450	1,234
W10	166 H9	165 H7	400	292	400	450	1,312
W11	181 H9	180 H7	460	319	451	500	1,723
W12	191 H9	190 H7	460	319	451	500	1,832
W13	211 H9	210 H7	520	352	498	550	2,362
W14	211 H9	210 H7	560	352	498	550	2,549
W15	231 H9	230 H7	560	400	570	630	2,948
W16	241 H9	240 H7	600	400	570	630	3,189

Dimensions and Weight

Foot Mounting (P4) Right Angle Shafts R 4 Stages



Dimensions and Weight

Foot Mounting (P4)

Right Angle Shafts R 4 Stages

Size	A	B	F	G	H	J10	J14	P	S4 (4x)	U	V2	RK	RL
W05	913	250	530	360	265	335	290	432	Ø35	191	86	868	1118
W06	1004	295	530	360	265	335	290	475	Ø35	191	86	914	1209
W07	1140	355	630	425	315	400	340	506	Ø42	226	105	1012	1367
W08	1194	355	630	425	315	400	340	556	Ø42	226	105	1066	1421
W09	1253	370	670	475	335	415	390	592	Ø42	261	107	1204	1574
W10	1285	370	670	475	335	415	390	592	Ø42	261	107	1236	1606
W11	1412	420	750	515	375	455	420	612	Ø48	281	128	1343	1763
W12	1447	420	750	515	375	455	420	662	Ø48	281	128	1378	1798
W13	1597	465	850	570	425	610	440	702	M42x63	317	-	1543	2008
W14	1637	465	850	570	425	610	440	762	M42x63	317	-	1583	2048
W15	1711	495	900	630	450	600	510	810	M48x72	357	-	1602	2097
W16	1751	495	900	630	450	600	510	810	M48x72	357	-	1642	2137

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	32 k6	80	35	10 h9	M12
W06	32 k6	80	35	10 h9	M12
W07	38 k6	80	41	10 h9	M12
W08	38 k6	80	41	10 h9	M12
W09	45 k6	110	48.5	14 h9	M16
W10	45 k6	110	48.5	14 h9	M16
W11	55 m6	110	59	16 h9	M20
W12	55 m6	110	59	16 h9	M20
W13	70 m6	140	74.5	20 h9	M20
W14	70 m6	140	74.5	20 h9	M20
W15	70 m6	140	74.5	20 h9	M20
W16	70 m6	140	74.5	20 h9	M20

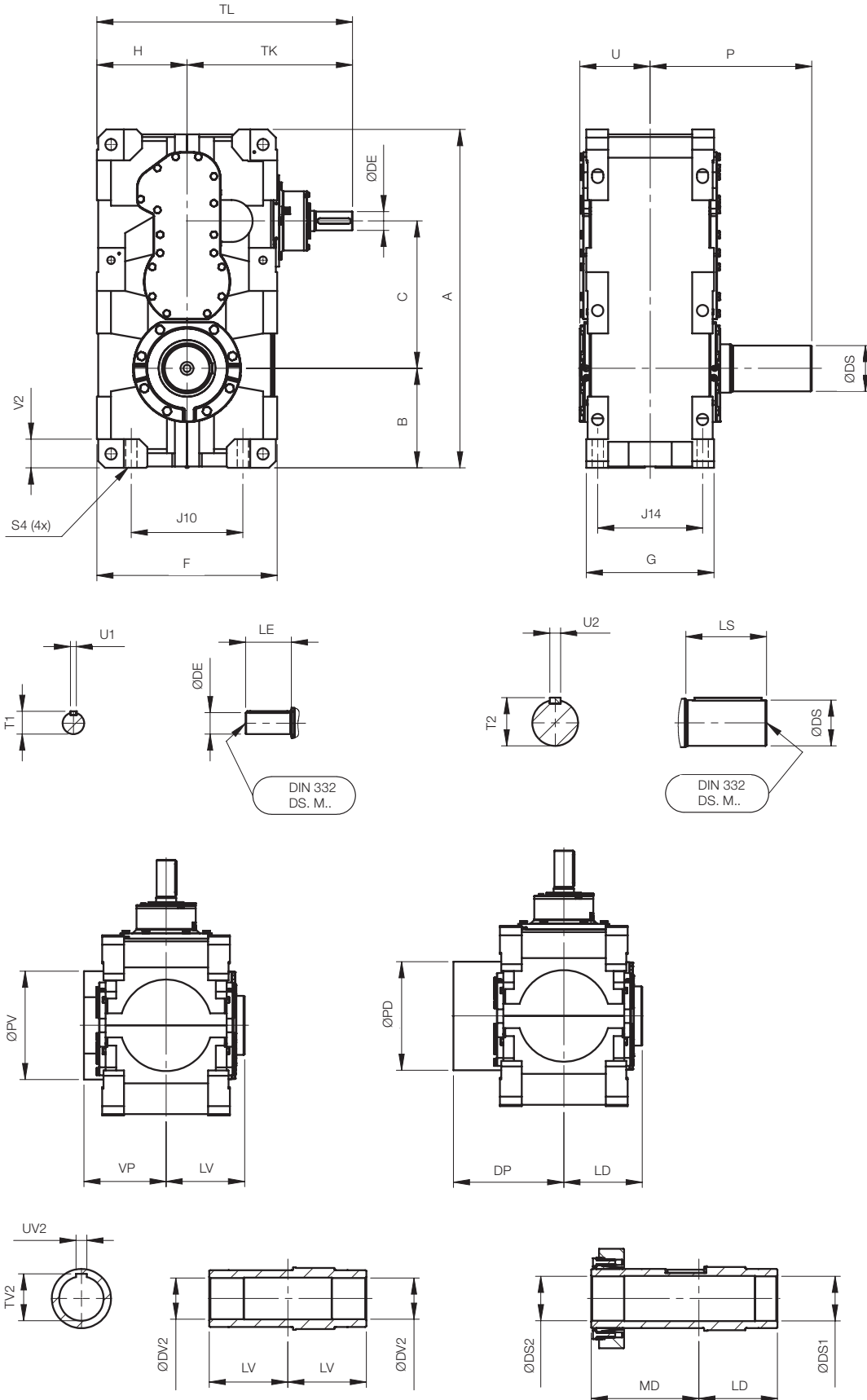
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	532
W06	130 m6	250	137	32 h9	M24	606
W07	140 m6	250	148	36 h9	M30	925
W08	160 m6	300	169	40 h9	M30	1,034
W09	170 m6	300	179	40 h9	M30	1,318
W10	170 m6	300	179	40 h9	M30	1,398
W11	180 m6	300	190	45 h9	M30	1,873
W12	190 m6	350	200	45 h9	M30	1,984
W13	210 m6	350	221	50 h9	M30	2,537
W14	230 m6	410	241	50 h9	M36	2,914
W15	230 m6	410	241	50 h9	M36	3,350
W16	240 m6	410	252	56 h9	M36	3,614

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	483
W06	125 H8	224	320	132.4	32 JS9	265	542
W07	135 H8	256	350	143.4	36 JS9	305	838
W08	150 H8	256	380	158.4	36 JS9	305	956
W09	165 H8	292	400	174.4	40 JS9	345	1,196
W10	165 H8	292	400	174.4	40 JS9	345	1,273
W11	180 H8	319	460	190.4	45 JS9	370	1,686
W12	190 H8	319	460	200.4	45 JS9	370	1,794
W13	210 H8	352	520	221.4	50 JS9	400	2,334
W14	210 H8	352	560	221.4	50 JS9	400	2,521
W15	230 H8	400	560	241.4	50 JS9	460	2,925
W16	240 H8	400	600	252.4	56 JS9	460	3,169

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	486
W06	131 H9	130 H7	320	224	336	375	547
W07	141 H9	140 H7	350	256	364	415	846
W08	151 H9	150 H7	380	256	364	415	967
W09	166 H9	165 H7	400	292	400	450	1,229
W10	166 H9	165 H7	400	292	400	450	1,307
W11	181 H9	180 H7	460	319	451	500	1,712
W12	191 H9	190 H7	460	319	451	500	1,821
W13	211 H9	210 H7	520	352	498	550	2,365
W14	211 H9	210 H7	560	352	498	550	2,552
W15	231 H9	230 H7	560	400	570	630	2,962
W16	241 H9	240 H7	600	400	570	630	3,203

Dimensions and Weight

Foot Mounting (P4) Right Angle Shafts T 3 Stages



Dimensions and Weight

Foot Mounting (P4)

Right Angle Shafts T 3 Stages

Size	A	B	C	F	G	H	J10	J14	P	S4 (4x)	U	V2	TK	TL
W05	913	250	398	530	360	265	335	290	432	Ø35	191	86	490	755
W06	1004	295	444	530	360	265	335	290	475	Ø35	191	86	490	755
W07	1140	355	470	630	425	315	400	340	506	Ø42	226	105	530	845
W08	1194	355	524	630	425	315	400	340	556	Ø42	226	105	530	845
W09	1253	370	548	670	475	335	415	390	592	Ø42	261	107	610	945
W10	1285	370	580	670	475	335	415	390	592	Ø42	261	107	610	945
W11	1412	420	617	750	515	375	455	420	612	Ø48	281	128	710	1085
W12	1447	420	652	750	515	375	455	420	662	Ø48	281	128	710	1085
W13	1597	465	707	850	570	425	610	440	702	M42x63	317	-	790	1215
W14	1637	465	747	850	570	425	610	440	762	M42x63	317	-	790	1215
W15	1711	495	766	900	630	450	600	510	810	M48x72	357	-	790	1240
W16	1751	495	806	900	630	450	600	510	810	M48x72	357	-	790	1240

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	45 m6	110	48.5	14 h9	M16
W06	45 m6	110	48.5	14 h9	M16
W07	55 m6	110	59	16 h9	M20
W08	55 m6	110	59	16 h9	M20
W09	70 m6	140	74.5	20 h9	M20
W10	70 m6	140	74.5	20 h9	M20
W11	80 m6	170	85	22 h9	M20
W12	80 m6	170	85	22 h9	M20
W13	90 m6	170	95	25 h9	M24
W14	90 m6	170	95	25 h9	M24
W15	90 m6	170	95	25 h9	M24
W16	90 m6	170	95	25 h9	M24

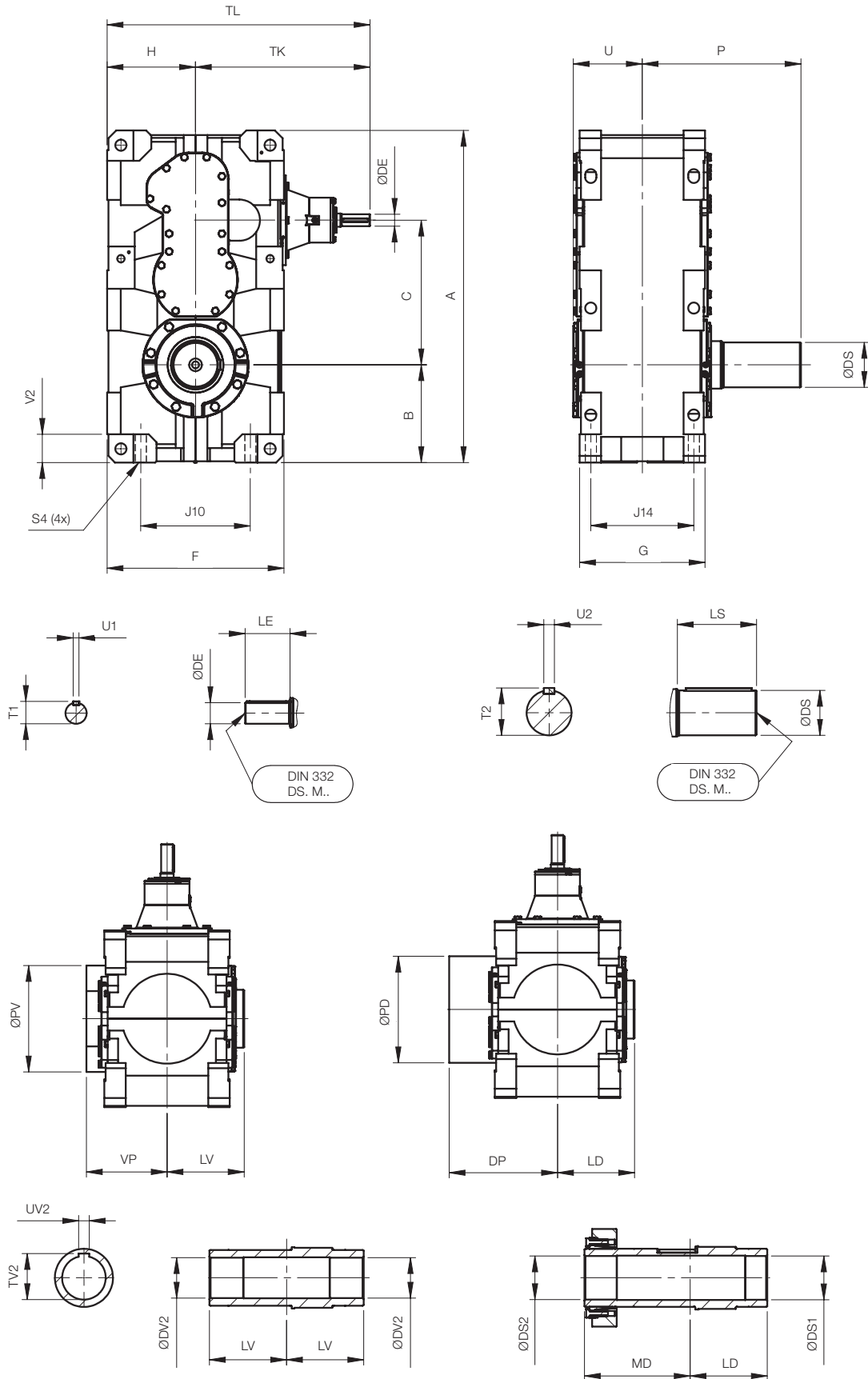
Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	538
W06	130 m6	250	137	32 h9	M24	612
W07	140 m6	250	148	36 h9	M30	927
W08	160 m6	300	169	40 h9	M30	1,036
W09	170 m6	300	179	40 h9	M30	1,323
W10	170 m6	300	179	40 h9	M30	1,403
W11	180 m6	300	190	45 h9	M30	1,884
W12	190 m6	350	200	45 h9	M30	1,995
W13	210 m6	350	221	50 h9	M30	2,534
W14	230 m6	410	241	50 h9	M36	2,911
W15	230 m6	410	241	50 h9	M36	3,336
W16	240 m6	410	252	56 h9	M36	3,600

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	489
W06	125 H8	224	320	132.4	32 JS9	265	548
W07	135 H8	256	350	143.4	36 JS9	305	840
W08	150 H8	256	380	158.4	36 JS9	305	958
W09	165 H8	292	400	174.4	40 JS9	345	1,201
W10	165 H8	292	400	174.4	40 JS9	345	1,278
W11	180 H8	319	460	190.4	45 JS9	370	1,697
W12	190 H8	319	460	200.4	45 JS9	370	1,805
W13	210 H8	352	520	221.4	50 JS9	400	2,331
W14	210 H8	352	560	221.4	50 JS9	400	2,518
W15	230 H8	400	560	241.4	50 JS9	460	2,911
W16	240 H8	400	600	252.4	56 JS9	460	3,155

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	492
W06	131 H9	130 H7	320	224	336	375	553
W07	141 H9	140 H7	350	256	364	415	848
W08	151 H9	150 H7	380	256	364	415	969
W09	166 H9	165 H7	400	292	400	450	1,234
W10	166 H9	165 H7	400	292	400	450	1,312
W11	181 H9	180 H7	460	319	451	500	1,723
W12	191 H9	190 H7	460	319	451	500	1,832
W13	211 H9	210 H7	520	352	498	550	2,362
W14	211 H9	210 H7	560	352	498	550	2,549
W15	231 H9	230 H7	560	400	570	630	2,948
W16	241 H9	240 H7	600	400	570	630	3,189

Dimensions and Weight

Foot Mounting (P4) Right Angle Shafts T 4 Stages



Dimensions and Weight

Foot Mounting (P4)

Right Angle Shafts T 4 Stages

Size	A	B	C	F	G	H	J10	J14	P	S4 (4x)	U	V2	TK	TL
W05	913	250	398	530	360	265	335	290	432	Ø35	191	86	470	735
W06	1004	295	444	530	360	265	335	290	475	Ø35	191	86	470	735
W07	1140	355	470	630	425	315	400	340	506	Ø42	226	105	542	857
W08	1194	355	524	630	425	315	400	340	556	Ø42	226	105	542	857
W09	1253	370	548	670	475	335	415	390	592	Ø42	261	107	656	991
W10	1285	370	580	670	475	335	415	390	592	Ø42	261	107	656	991
W11	1412	420	617	750	515	375	455	420	612	Ø48	281	128	726	1101
W12	1447	420	652	750	515	375	455	420	662	Ø48	281	128	726	1101
W13	1597	465	707	850	570	425	610	440	702	M42x63	317	-	836	1261
W14	1637	465	747	850	570	425	610	440	762	M42x63	317	-	836	1261
W15	1711	495	766	900	630	450	600	510	810	M48x72	357	-	836	1286
W16	1751	495	806	900	630	450	600	510	810	M48x72	357	-	836	1286

Input shaft					
Size	ØDE	LE	T1	U1	DIN 332 DS. M..
W05	32 k6	80	35	10 h9	M12
W06	32 k6	80	35	10 h9	M12
W07	38 k6	80	41	10 h9	M12
W08	38 k6	80	41	10 h9	M12
W09	45 k6	110	48.5	14 h9	M16
W10	45 k6	110	48.5	14 h9	M16
W11	55 m6	110	59	16 h9	M20
W12	55 m6	110	59	16 h9	M20
W13	70 m6	140	74.5	20 h9	M20
W14	70 m6	140	74.5	20 h9	M20
W15	70 m6	140	74.5	20 h9	M20
W16	70 m6	140	74.5	20 h9	M20

Solid output shaft						
Size	ØDS	LS	T2	U2	DIN 332 DS. M..	kg
W05	120 m6	210	127	32 h9	M24	532
W06	130 m6	250	137	32 h9	M24	606
W07	140 m6	250	148	36 h9	M30	925
W08	160 m6	300	169	40 h9	M30	1,034
W09	170 m6	300	179	40 h9	M30	1,318
W10	170 m6	300	179	40 h9	M30	1,398
W11	180 m6	300	190	45 h9	M30	1,873
W12	190 m6	350	200	45 h9	M30	1,984
W13	210 m6	350	221	50 h9	M30	2,537
W14	230 m6	410	241	50 h9	M36	2,914
W15	230 m6	410	241	50 h9	M36	3,350
W16	240 m6	410	252	56 h9	M36	3,614

Hollow output shaft							
Size	ØDV2	LV	ØPV	TV2	UV2	VP	kg
W05	115 H8	222	305	122.4	32 JS9	265	483
W06	125 H8	224	320	132.4	32 JS9	265	542
W07	135 H8	256	350	143.4	36 JS9	305	838
W08	150 H8	256	380	158.4	36 JS9	305	956
W09	165 H8	292	400	174.4	40 JS9	345	1,196
W10	165 H8	292	400	174.4	40 JS9	345	1,273
W11	180 H8	319	460	190.4	45 JS9	370	1,686
W12	190 H8	319	460	200.4	45 JS9	370	1,794
W13	210 H8	352	520	221.4	50 JS9	400	2,334
W14	210 H8	352	560	221.4	50 JS9	400	2,521
W15	230 H8	400	560	241.4	50 JS9	460	2,925
W16	240 H8	400	600	252.4	56 JS9	460	3,169

Output shaft shrink disc							
Size	ØDS1	ØDS2	ØPD	LD	MD	DP	kg
W05	121 H9	120 H7	305	222	328	370	486
W06	131 H9	130 H7	320	224	336	375	547
W07	141 H9	140 H7	350	256	364	415	846
W08	151 H9	150 H7	380	256	364	415	967
W09	166 H9	165 H7	400	292	400	450	1,229
W10	166 H9	165 H7	400	292	400	450	1,307
W11	181 H9	180 H7	460	319	451	500	1,712
W12	191 H9	190 H7	460	319	451	500	1,821
W13	211 H9	210 H7	520	352	498	550	2,365
W14	211 H9	210 H7	560	352	498	550	2,552
W15	231 H9	230 H7	560	400	570	630	2,962
W16	241 H9	240 H7	600	400	570	630	3,203

Accessories - Complementary Dimensions

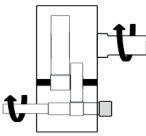
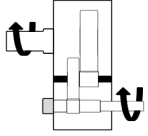
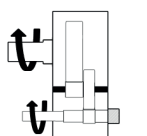
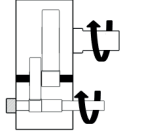
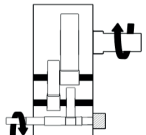
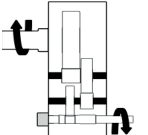
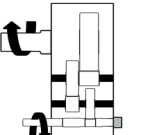
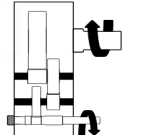
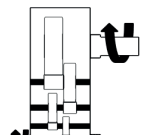
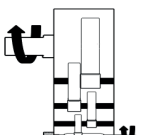
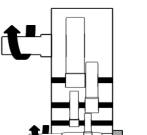
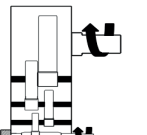
Backstop

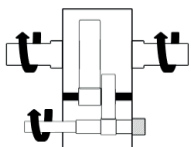
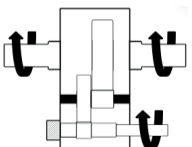
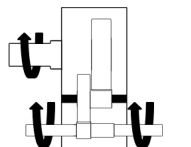
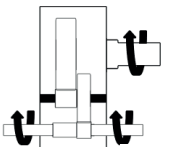
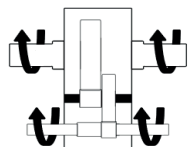
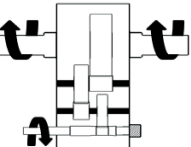
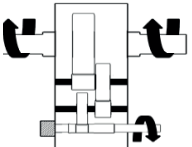
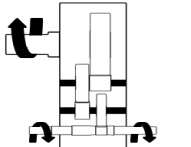
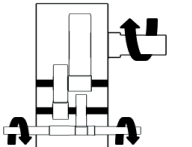
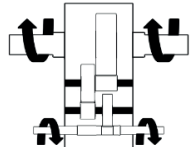
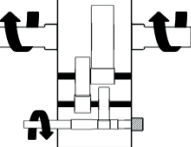
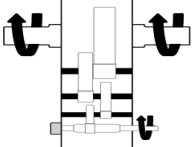
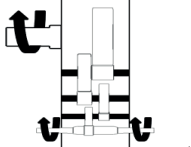
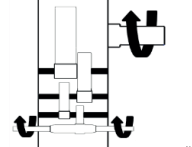
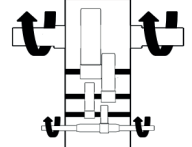
The gearboxes can operate in both directions of rotation, except when they feature a backstop; in this case, the desired direction must be informed.

The following tables show the relation between the direction of rotation of the output shaft and the input shaft.

The position of output gear 5 or 6 influences the radial load capacity of the output shaft (see the Radial Forces table on page 11).

When the gearbox has a double-end input shaft, a backstop in an alternative position can be used (contact WEG-CESTARI).

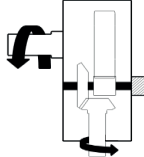
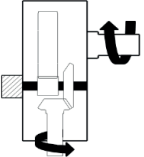
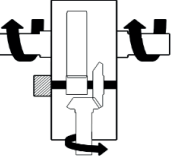
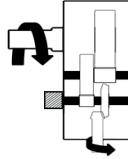
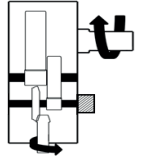
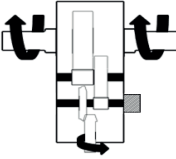
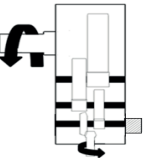
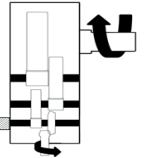
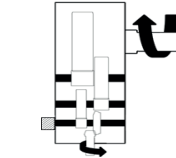
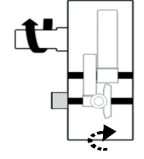
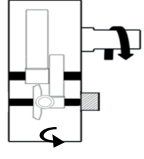
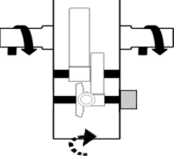
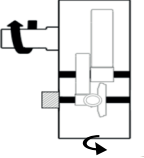
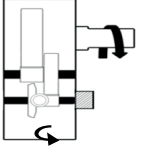
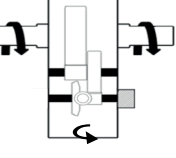
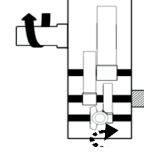
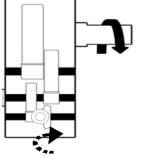
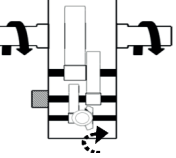
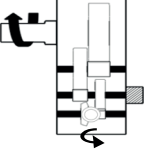
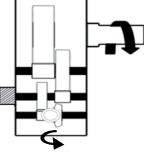
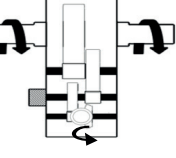



Stages	Side 1 - Side 2	Side 2 - Side 1	Side 1 - Side 1	Side 2 - Side 2
Parallel	 5 ¹⁾	 5 ¹⁾	 6 ¹⁾	 6 ¹⁾
	 6 ¹⁾	 6 ¹⁾	 5 ¹⁾	 5 ¹⁾
	 5 ¹⁾	 5 ¹⁾	 6 ¹⁾	 6 ¹⁾

Stages	Side 1 - Side 1 / Side 2	Side 2 - Side 1 / Side 2	Side 1 / Side 2 - Side 1	Side 1 / Side 2 - Side 2	Side 1 / Side 2 - Side 1 / Side 2
Parallel	 5 ¹⁾	 5 ¹⁾	 5 ¹⁾	 5 ¹⁾	 5 ¹⁾
	 6 ¹⁾	 6 ¹⁾	 5 ¹⁾	 6 ¹⁾	 6 ¹⁾
	 5 ¹⁾	 5 ¹⁾	 5 ¹⁾	 5 ¹⁾	 5 ¹⁾

Note: 1) Output gear position.

Accessories - Complementary Dimensions

Backstop

Stages		1 - Side 1	1 - Side 2	1 - Side 1 / Side 2
Right Angle (R)	2	 5 ¹⁾	 5 ¹⁾	
	3	 5 ¹⁾	 5 ¹⁾	
	4	 5 ¹⁾	 5 ¹⁾	
Right Angle (T)	3	 5 ¹⁾	 5 ¹⁾	
		 5 ¹⁾	 5 ¹⁾	
	4	 5 ¹⁾	 5 ¹⁾	
		 5 ¹⁾	 5 ¹⁾	
		 5 ¹⁾	 5 ¹⁾	

Note: 1) Output gear position.

Accessories - Complementary Dimensions

Backstop

The backstop is a device coupled to the gearbox that allows rotation in only one direction. The backstop used in the WCG50 is the FXM with the "lift-off X" system, which consists of a sprag, cage with cores that are activated by centrifugal force.

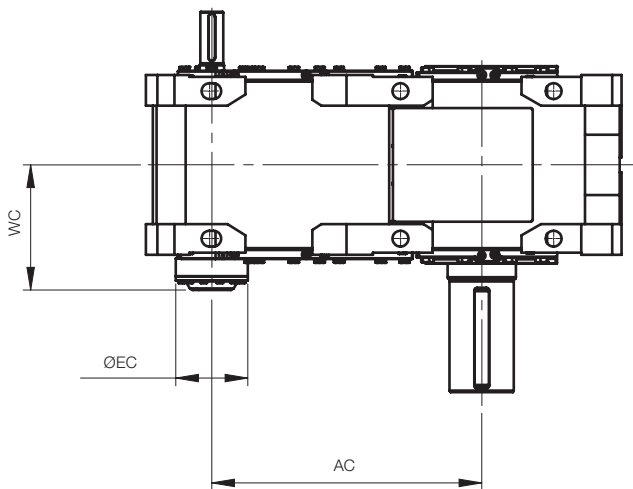
When the equipment is in operation and the backstop is working in free rotation, the blocking cores do not touch the edges of the backstop, remaining so until the rotation is reduced and the cores are ready to lock the system.

The backstop is lubricated by the gearbox oil.

The minimum speed on the input shaft for backstop is according to tables (from page 168 to 170).

Parallel shafts with backstop installed on the input shaft.

Parallel Shafts 2, 3 and 4 Stages



2 stages				
Size	AC	ØEC	WC	rpm min.
W05	398	190	270	400
W06	444	190	270	400
W07	470	210	317	320
W08	524	210	317	320
W09	548	245	357	320
W10	580	245	357	320
W11	617	290	390	250
W12	652	290	390	250
W13	707	290	422	250
W14	748	290	422	250
W15	766	310	460	240
W16	806	310	460	240

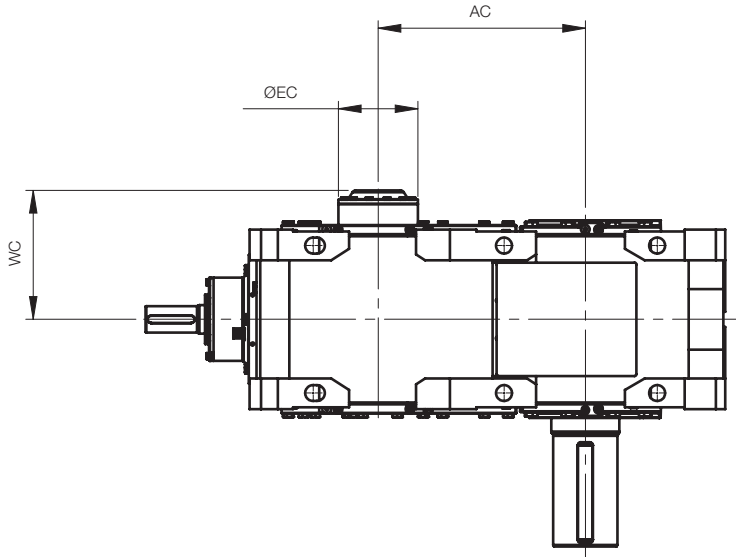
3 stages				
Size	AC	ØEC	WC	rpm min.
W05	518	140	243	670
W06	564	140	243	670
W07	612	150	285	630
W08	666	150	285	630
W09	714	190	331	400
W10	746	190	331	400
W11	813	210	389	320
W12	848	210	389	320
W13	933	210	393	320
W14	973	210	393	320
W15	992	210	423	320
W16	1032	210	423	320

4 stages				
Size	AC	ØEC	WC	rpm min.
W05	518	95	241	820
W06	564	95	241	820
W07	612	105	278	750
W08	666	105	278	750
W09	714	132	304	700
W10	746	132	304	700
W11	813	132	324	700
W12	848	132	324	700
W13	933	150	361	630
W14	973	150	361	630
W15	992	175	406	430
W16	1032	175	406	430

Accessories - Complementary Dimensions

Backstop

Right Angle Shafts R 2, 3 and 4 Stages



2 stages				
Size	AC	ØEC	WC	rpm min. ¹⁾
W05	232	210	280	1008
W06	278	210	280	1008
W07	274	245	329	1008
W08	328	245	329	1008
W09	322	290	370	787.5
W10	354	290	370	787.5
W11	355	310	394	756
W12	390	310	394	756
W13	405	310	426	756
W14	445	310	426	756
W15	440	430	516	756
W16	480	430	516	756

3 stages				
Size	AC	ØEC	WC	rpm min. ¹⁾
W05	398	175	263	1720
W06	444	175	263	1720
W07	470	190	307	1600
W08	524	190	307	1600
W09	548	210	341	1280
W10	580	210	341	1280
W11	617	245	402	1280
W12	652	245	402	1280
W13	707	290	447	1000
W14	747	290	447	1000
W15	766	290	477	1000
W16	806	290	477	1000

4 stages				
Size	AC	ØEC	WC	rpm min. ¹⁾
W05	518	120	233	*
W06	564	120	233	*
W07	612	132	280	*
W08	666	132	280	*
W09	714	150	309	*
W10	746	150	309	*
W11	813	175	344	1720
W12	848	175	344	1720
W13	933	190	383	1600
W14	973	190	383	1600
W15	992	210	423	1280
W16	1032	210	423	1280

Notes: Backstop installed on the intermediate shaft.

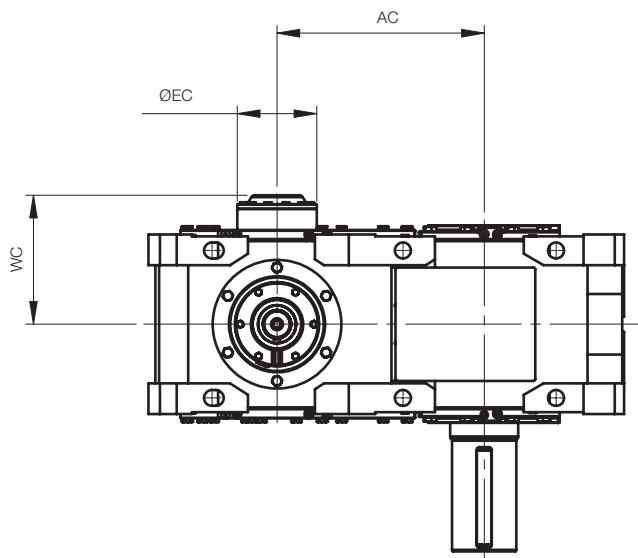
(*) = Consult WEG-CESTARI.

1) Depending on the ratio, a speed below the table specification may be allowed (contact WEG-CESTARI).

Accessories - Complementary Dimensions

Backstop

Right Angle Shafts T 3 and 4 Stages



3 stages				
Size	AC	ØEC	WC	rpm min. ¹⁾
W05	398	175	263	1720
W06	444	175	263	1720
W07	470	190	307	1600
W08	524	190	307	1600
W09	548	210	341	1280
W10	580	210	341	1280
W11	617	245	402	1280
W12	652	245	402	1280
W13	707	290	447	1000
W14	747	290	447	1000
W15	766	290	477	1000
W16	806	290	477	1000

4 stages				
Size	AC	ØEC	WC	rpm min. ¹⁾
W05	518	120	233	*
W06	564	120	233	*
W07	612	132	280	*
W08	666	132	280	*
W09	714	150	309	*
W10	746	150	309	*
W11	813	175	344	1720
W12	848	175	344	1720
W13	933	190	383	1600
W14	973	190	383	1600
W15	992	210	423	1280
W16	1032	210	423	1280

Notes: Backstop installed on the intermediate shaft.

(*) = Consult WEG-CESTARI.

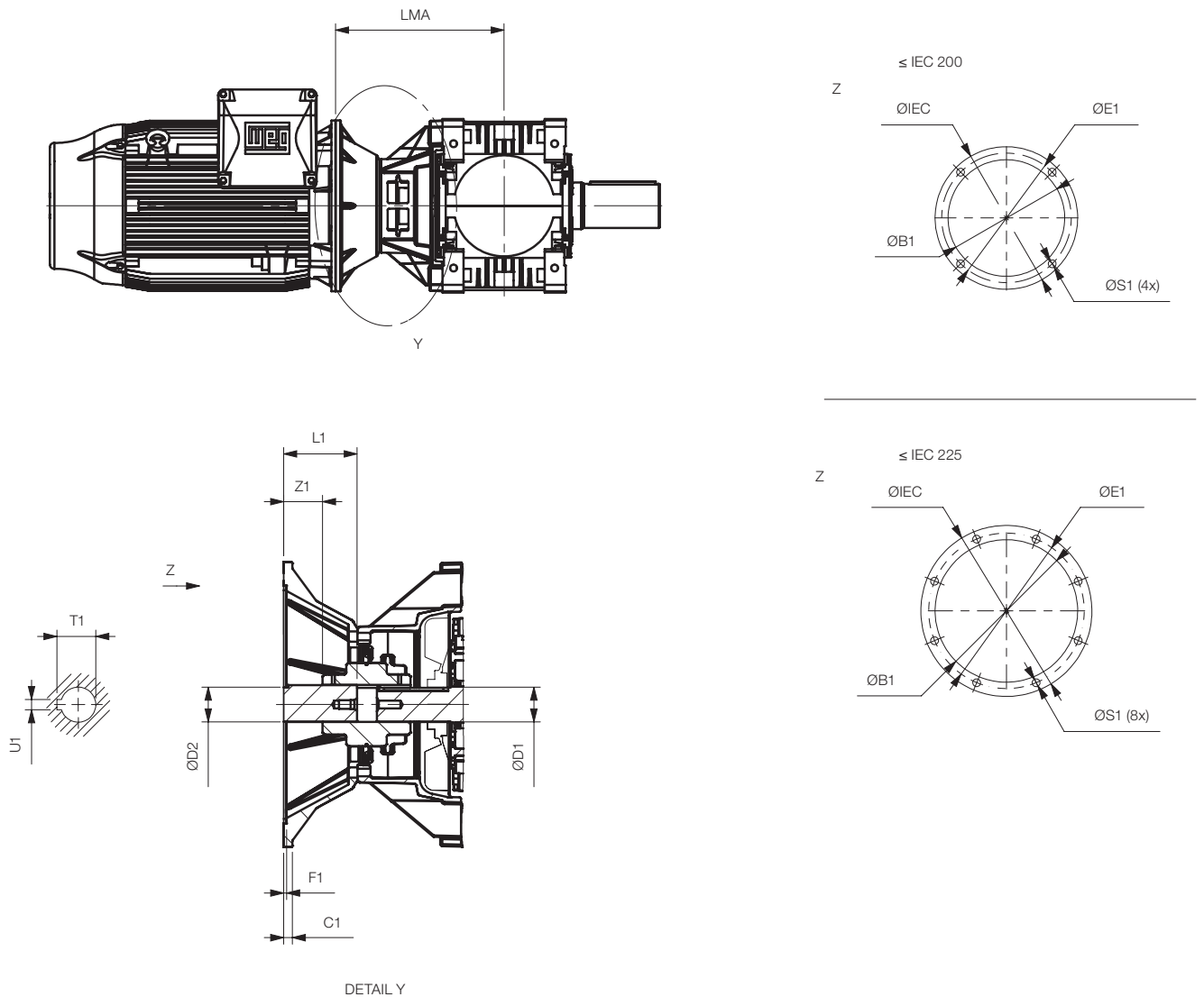
1) Depending on the ratio, a speed below the table specification may be allowed (contact WEG-CESTARI).

Accessories - Complementary Dimensions

Flange for IEC Motors (5), Frames 100 to 355

- They can be supplied with fan for 2 and 3 stages.
- Motor weight limits according to page 193.
- Dimension according to pages 171 to 186.
- With coupling included.
- The lantern flange is supplied as standard with coupling with rubber element = NBR (ambient temperature -20 °C to 80 °C) or optional with 98ShA polyurethane element (ambient temperature -50 °C to 120 °C). For hazardous areas, the polyurethane option should be used.
- Only consider the gearbox weight in the tables on pages 172 to 186. For the motor weight, refer to the manufacturer's catalogue.

IEC Motor Input Flange Parallel Shafts 2 Stages



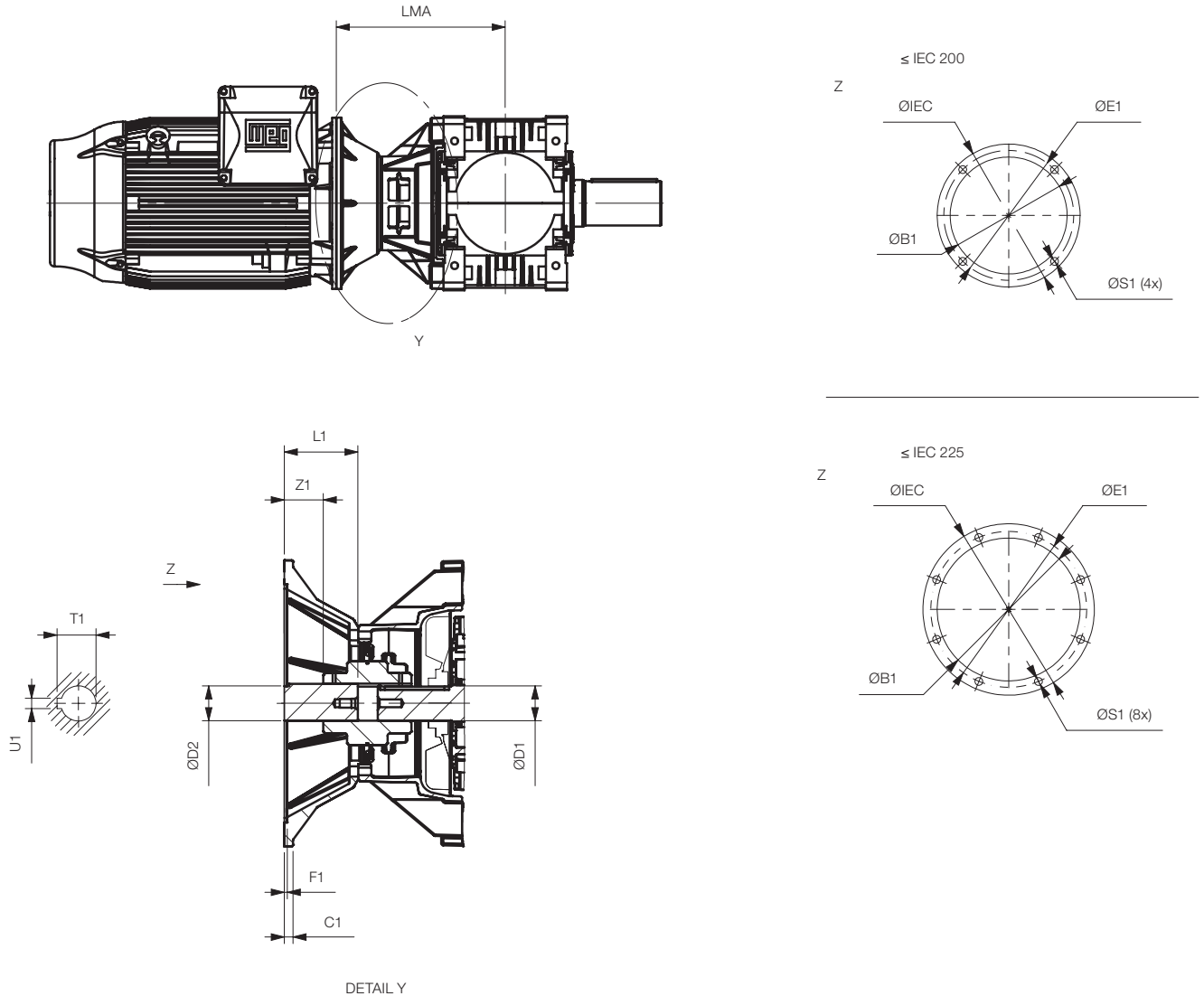
Accessories - Complementary Dimensions

IEC Motor Input Flange Parallel Shafts 2 Stages

Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W05	250	550	450 H7	20	60	65 H7	500	6	140	19 (8x)	69.4	18 JS9	67	525	575
	280	550	450 H7	20	60	75 H7	500	6	140	19 (8x)	79.9	20 JS9	67	525	575
	315S-L	660	550 H7	20	60	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	555	600
W06	250	550	450 H7	20	60	65 H7	500	6	140	19 (8x)	69.4	18 JS9	67	525	642
	280	550	450 H7	20	60	75 H7	500	6	140	19 (8x)	79.9	20 JS9	67	525	642
	315S-L	660	550 H7	20	60	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	555	667
W07	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	69.5	560	935
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	71.5	560	935
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	83	590	968
	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	83	590	968
	355	800	680 H7	20	70	100 H7	740	7	210	19 (8x)	106.4	28 JS9	113.5	650	1,010
W08	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	69.5	560	1,040
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	71.5	560	1,040
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	83	590	1,073
	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	83	590	1,073
	355	800	680 H7	20	70	100 H7	740	7	210	19 (8x)	106.4	28 JS9	113.5	650	1,115
W09	315S-L	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	90	650	1,293
	315	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	90	650	1,293
	355	800	680 H7	20	80	100 H7	740	7	210	19 (8x)	106.4	28 JS9	106.5	710	1,343
W10	315S-L	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	90	650	1,379
	315	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	90	650	1,379
	355	800	680 H7	20	80	100 H7	740	7	210	19 (8x)	106.4	28 JS9	106.5	710	1,429
W11	315S-L	660	550 H7	20	95	80 H7	600	7	170	19 (8x)	85.4	22 JS9	86	670	1,810
	315	660	550 H7	20	95	80 H7	600	7	170	19 (8x)	85.4	22 JS9	86	670	1,810
	355	800	680 H7	20	95	100 H7	740	7	210	19 (8x)	106.4	28 JS9	126.5	730	1,852
W12	315S-L	660	550 H7	20	95	80 H7	600	7	170	19 (8x)	85.4	22 JS9	86	670	1,921
	315	660	550 H7	20	95	80 H7	600	7	170	19 (8x)	85.4	22 JS9	86	670	1,921
	355	800	680 H7	20	95	100 H7	740	7	210	19 (8x)	106.4	28 JS9	126.5	730	1,963
W13	315S-L	660	550 H7	20	105	80 H7	600	7	170	19 (8x)	85.4	22 JS9	74.5	735	2,464
	315	660	550 H7	20	105	80 H7	600	7	170	19 (8x)	85.4	22 JS9	74.5	735	2,464
	355	800	680 H7	20	105	100 H7	740	7	210	19 (8x)	106.4	28 JS9	111.5	795	2,489
W14	315S-L	660	550 H7	20	105	80 H7	600	7	170	19 (8x)	85.4	22 JS9	74.5	735	2,819
	315	660	550 H7	20	105	80 H7	600	7	170	19 (8x)	85.4	22 JS9	74.5	735	2,819
	355	800	680 H7	20	105	100 H7	740	7	210	19 (8x)	106.4	28 JS9	111.5	795	2,844
W15	355	800	680 H7	20	115	100 H7	740	7	210	19 (8x)	106.4	28 JS9	118	861	3,295
W16	355	800	680 H7	20	115	100 H7	740	7	210	19 (8x)	106.4	28 JS9	118	861	3,570

Accessories - Complementary Dimensions

IEC Motor Input Flange Parallel Shafts 3 Stages



Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W05	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	71.5	451	577
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	71.5	451	577
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	60.5	451	582
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	67	485	593
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	79.5	510	607
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	79.5	510	607
W06	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	71.5	451	645
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	71.5	451	645
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	60.5	451	650
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	67	485	661
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	79.5	510	675
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	79.5	510	675
W07	160	350	250 H7	18	50	42 H7	300	6	110	19 (4x)	45.3	12 JS9	61	488	957
	180	350	250 H7	18	50	48 H7	300	6	110	19 (4x)	51.8	14 JS9	61	488	957
	200	400	300 H7	20	50	55 H7	350	6	110	19 (4x)	59.3	16 JS9	62.5	488	962
	225	450	350 H7	20	50	60 H7	400	6	140	19 (8x)	64.4	18 JS9	76.5	522	973
	250	550	450 H7	20	50	65 H7	500	6	140	19 (8x)	69.4	18 JS9	81.5	547	987
	280	550	450 H7	20	50	75 H7	500	6	140	19 (8x)	79.9	20 JS9	81.5	547	987
	315S-L	660	550 H7	20	50	80 H7	600	7	170	19 (8x)	85.4	22 JS9	73	577	1,021

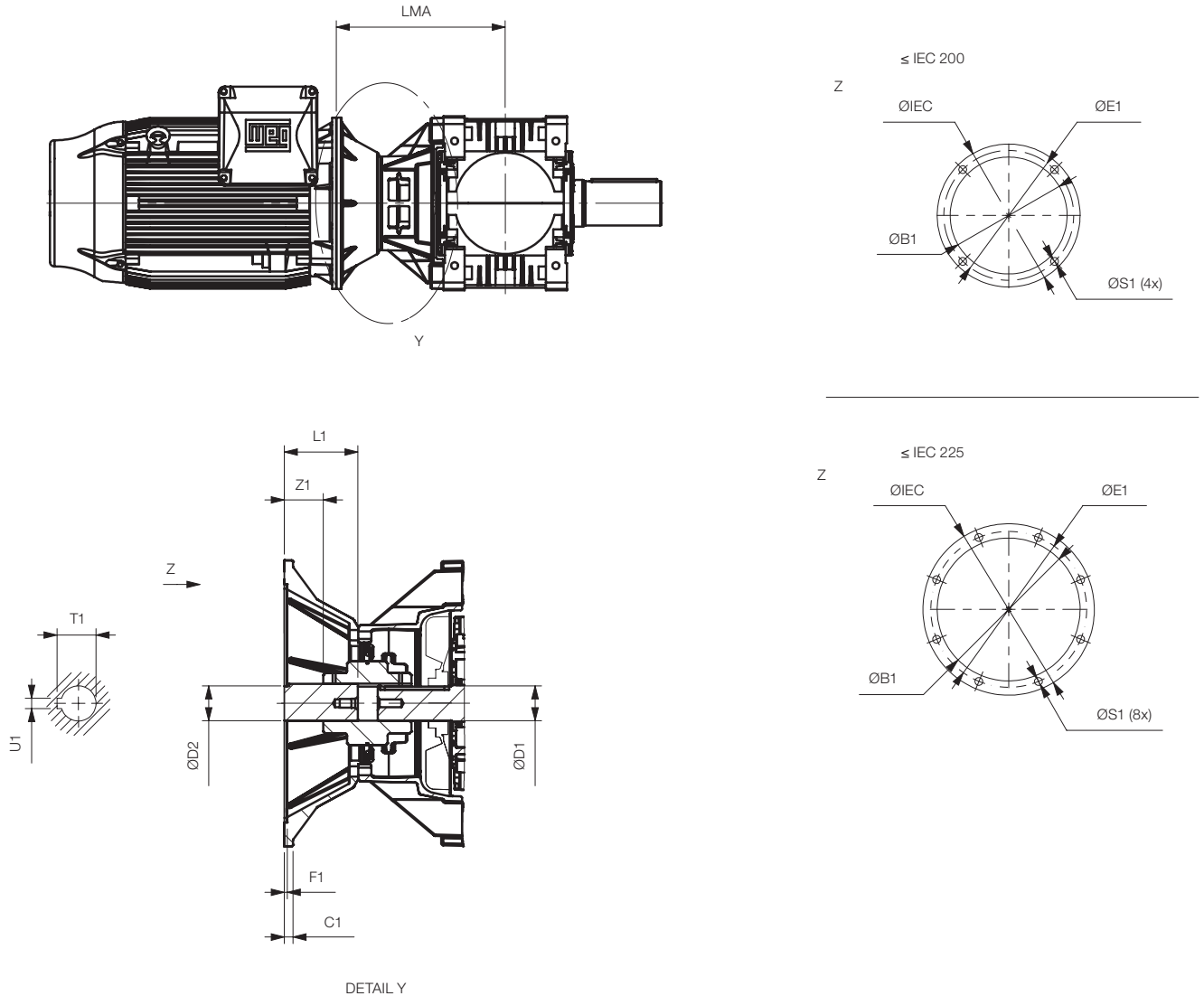
Accessories - Complementary Dimensions

IEC Motor Input Flange Parallel Shafts 3 Stages

Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W08	160	350	250 H7	18	50	42 H7	300	6	110	19 (4x)	45.3	12 JS9	61	488	1,066
	180	350	250 H7	18	50	48 H7	300	6	110	19 (4x)	51.8	14 JS9	61	488	1,066
	200	400	300 H7	20	50	55 H7	350	6	110	19 (4x)	59.3	16 JS9	62.5	488	1,071
	225	450	350 H7	20	50	60 H7	400	6	140	19 (8x)	64.4	18 JS9	76.5	522	1,082
	250	550	450 H7	20	50	65 H7	500	6	140	19 (8x)	69.4	18 JS9	81.5	547	1,096
	280	550	450 H7	20	50	75 H7	500	6	140	19 (8x)	79.9	20 JS9	81.5	547	1,096
	315S-L	660	550 H7	20	50	80 H7	600	7	170	19 (8x)	85.4	22 JS9	73	577	1,130
W09	200	400	300 H7	20	60	55 H7	350	6	110	19 (4x)	59.3	16 JS9	40.5	531	1,357
	225	450	350 H7	20	60	60 H7	400	6	140	19 (8x)	64.4	18 JS9	62.5	565	1,368
	250	550	450 H7	20	60	65 H7	500	6	140	19 (8x)	69.4	18 JS9	69.5	590	1,382
	280	550	450 H7	20	60	75 H7	500	6	140	19 (8x)	79.9	20 JS9	59.5	590	1,391
	315S-L	660	550 H7	20	60	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	620	1,407
	315	660	550 H7	20	60	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	620	1,407
W10	200	400	300 H7	20	60	55 H7	350	6	110	19 (4x)	59.3	16 JS9	40.5	531	1,437
	225	450	350 H7	20	60	60 H7	400	6	140	19 (8x)	64.4	18 JS9	62.5	565	1,448
	250	550	450 H7	20	60	65 H7	500	6	140	19 (8x)	69.4	18 JS9	69.5	590	1,462
	280	550	450 H7	20	60	75 H7	500	6	140	19 (8x)	79.9	20 JS9	59.5	590	1,471
	315S-L	660	550 H7	20	60	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	620	1,487
	315	660	550 H7	20	60	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	620	1,487
W11	225	450	350 H7	20	65	60 H7	400	6	140	19 (8x)	64.4	18 JS9	65.5	586	1,932
	250	550	450 H7	20	65	65 H7	500	6	140	19 (8x)	69.4	18 JS9	70.5	611	1,948
	280	550	450 H7	20	65	75 H7	500	6	140	19 (8x)	79.9	20 JS9	70.5	611	1,957
	315S-L	660	550 H7	20	65	80 H7	600	7	170	19 (8x)	85.4	22 JS9	82	641	1,982
	315	660	550 H7	20	65	80 H7	600	7	170	19 (8x)	85.4	22 JS9	82	641	1,982
	355	800	680 H7	20	65	100 H7	740	7	210	19 (8x)	106.4	28 JS9	119	701	2,025
W12	225	450	350 H7	20	65	60 H7	400	6	140	19 (8x)	64.4	18 JS9	65.5	586	2,043
	250	550	450 H7	20	65	65 H7	500	6	140	19 (8x)	69.4	18 JS9	70.5	611	2,059
	280	550	450 H7	20	65	75 H7	500	6	140	19 (8x)	79.9	20 JS9	70.5	611	2,068
	315S-L	660	550 H7	20	65	80 H7	600	7	170	19 (8x)	85.4	22 JS9	82	641	2,093
	315	660	550 H7	20	65	80 H7	600	7	170	19 (8x)	85.4	22 JS9	82	641	2,093
	355	800	680 H7	20	65	100 H7	740	7	210	19 (8x)	106.4	28 JS9	119	701	2,136
W13	250	550	450 H7	20	75	65 H7	500	6	140	19 (8x)	69.4	18 JS9	74.5	645	2,593
	280	550	450 H7	20	75	75 H7	500	6	140	19 (8x)	79.9	20 JS9	66	645	2,601
	315S-L	660	550 H7	20	75	80 H7	600	7	170	19 (8x)	85.4	22 JS9	86	675	2,627
	315	660	550 H7	20	75	80 H7	600	7	170	19 (8x)	85.4	22 JS9	86	675	2,670
	355	800	680 H7	20	75	100 H7	740	7	210	19 (8x)	106.4	28 JS9	121.5	735	2,670
W14	250	550	450 H7	20	75	65 H7	500	6	140	19 (8x)	69.4	18 JS9	74.5	645	2,970
	280	550	450 H7	20	75	75 H7	500	6	140	19 (8x)	79.9	20 JS9	66	645	2,978
	315S-L	660	550 H7	20	75	80 H7	600	7	170	19 (8x)	85.4	22 JS9	86	675	3,004
	315	660	550 H7	20	75	80 H7	600	7	170	19 (8x)	85.4	22 JS9	86	675	3,047
	355	800	680 H7	20	75	100 H7	740	7	210	19 (8x)	106.4	28 JS9	121.5	735	3,047
W15	250	550	450 H7	20	75	65 H7	500	6	140	19 (8x)	69.4	18 JS9	64.5	684	3,467
	280	550	450 H7	20	75	75 H7	500	6	140	19 (8x)	79.9	20 JS9	69.5	684	3,467
	315S-L	660	550 H7	20	75	80 H7	600	7	170	19 (8x)	85.4	22 JS9	85	714	3,491
	315	660	550 H7	20	75	80 H7	600	7	170	19 (8x)	85.4	22 JS9	85	714	3,491
	355	800	680 H7	20	75	100 H7	740	7	210	19 (8x)	106.4	28 JS9	133.5	774	3,534
W16	250	550	450 H7	20	75	65 H7	500	6	140	19 (8x)	69.4	18 JS9	64.5	684	3,732
	280	550	450 H7	20	75	75 H7	500	6	140	19 (8x)	79.9	20 JS9	69.5	684	3,732
	315S-L	660	550 H7	20	75	80 H7	600	7	170	19 (8x)	85.4	22 JS9	85	714	3,756
	315	660	550 H7	20	75	80 H7	600	7	170	19 (8x)	85.4	22 JS9	85	714	3,756
	355	800	680 H7	20	75	100 H7	740	7	210	19 (8x)	106.4	28 JS9	133.5	774	3,799

Accessories - Complementary Dimensions

IEC Motor Input Flange Parallel Shafts 4 Stages



Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W05	100	250	180 H7	18	30	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34.5	379	570
	112	250	180 H7	18	30	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34.5	379	570
	132	300	230 H7	18	30	38 H7	265	5	60	15 (4x)	41.3	10 JS9	42.5	400	571
	160	350	250 H7	18	30	42 H7	300	6	110	19 (4x)	45.3	12 JS9	77.5	451	580
	180	350	250 H7	18	30	48 H7	300	6	110	19 (4x)	51.8	14 JS9	77.5	451	580
	200	400	300 H7	20	30	55 H7	350	6	110	19 (4x)	59.3	16 JS9	65	451	585
W06	100	250	180 H7	18	30	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34.5	379	644
	112	250	180 H7	18	30	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34.5	379	644
	132	300	230 H7	18	30	38 H7	265	5	60	15 (4x)	41.3	10 JS9	42.5	400	645
	160	350	250 H7	18	30	42 H7	300	6	110	19 (4x)	45.3	12 JS9	77.5	451	654
	180	350	250 H7	18	30	48 H7	300	6	110	19 (4x)	51.8	14 JS9	77.5	451	654
	200	400	300 H7	20	30	55 H7	350	6	110	19 (4x)	59.3	16 JS9	65	451	659
W07	132	300	230 H7	18	35	38 H7	265	5	60	15 (4x)	41.3	10 JS9	46	437	963
	160	350	250 H7	18	35	42 H7	300	6	110	19 (4x)	45.3	12 JS9	75.5	488	972
	180	350	250 H7	18	35	48 H7	300	6	110	19 (4x)	51.8	14 JS9	75.5	488	972
	200	400	300 H7	20	35	55 H7	350	6	110	19 (4x)	59.3	16 JS9	66	488	977
	225	450	350 H7	20	35	60 H7	400	6	140	19 (8x)	64.4	18 JS9	89	522	989
	250	550	450 H7	20	35	65 H7	500	6	140	19 (8x)	69.4	18 JS9	90.5	547	1,003
	280	550	450 H7	20	35	75 H7	500	6	140	19 (8x)	79.9	20 JS9	90.5	547	1,012

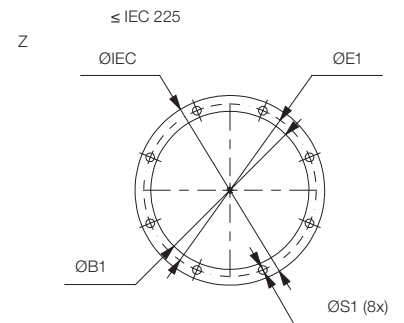
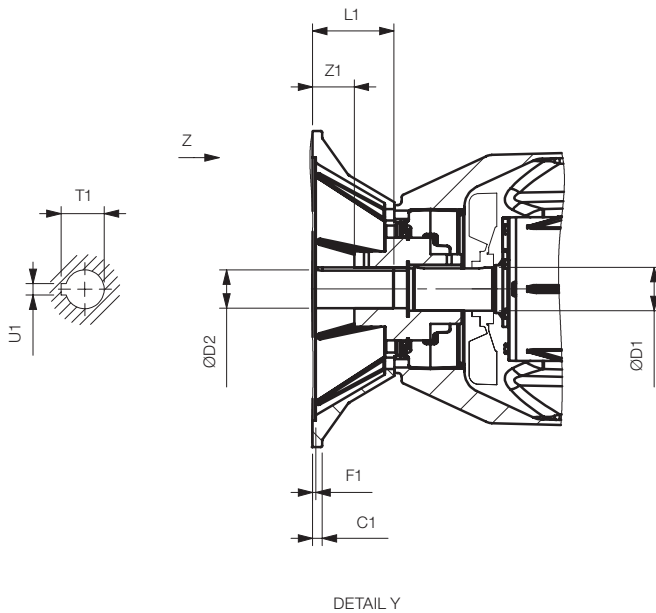
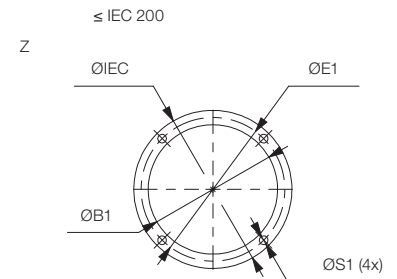
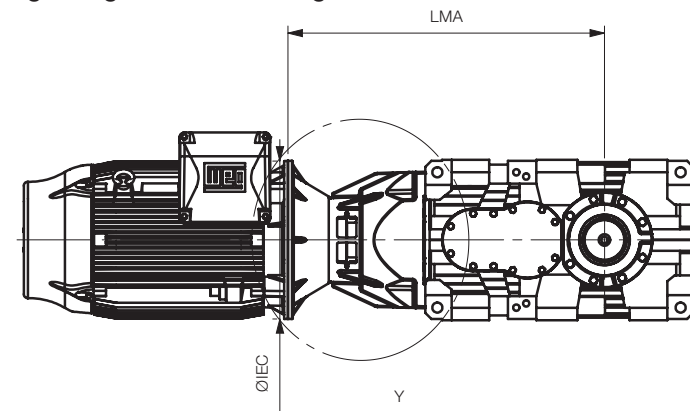
Accessories - Complementary Dimensions

IEC Motor Input Flange Parallel Shafts 4 Stages

Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W08	132	300	230 H7	18	35	38 H7	265	5	60	15 (4x)	41.3	10 JS9	46	437	1,072
	160	350	250 H7	18	35	42 H7	300	6	110	19 (4x)	45.3	12 JS9	75.5	488	1,081
	180	350	250 H7	18	35	48 H7	300	6	110	19 (4x)	51.8	14 JS9	75.5	488	1,081
	200	400	300 H7	20	35	55 H7	350	6	110	19 (4x)	59.3	16 JS9	66	488	1,086
	225	450	350 H7	20	35	60 H7	400	6	140	19 (8x)	64.4	18 JS9	89	522	1,098
	250	550	450 H7	20	35	65 H7	500	6	140	19 (8x)	69.4	18 JS9	90.5	547	1,112
	280	550	450 H7	20	35	75 H7	500	6	140	19 (8x)	79.9	20 JS9	90.5	547	1,121
W09	160	350	250 H7	18	40	42 H7	300	6	110	19 (4x)	45.3	12 JS9	72.5	531	1,366
	180	350	250 H7	18	40	48 H7	300	6	110	19 (4x)	51.8	14 JS9	72.5	531	1,366
	200	400	300 H7	20	40	55 H7	350	6	110	19 (4x)	59.3	16 JS9	53	531	1,370
	225	450	350 H7	20	40	60 H7	400	6	140	19 (8x)	64.4	18 JS9	77	565	1,382
	250	550	450 H7	20	40	65 H7	500	6	140	19 (8x)	69.4	18 JS9	77	590	1,396
	280	550	450 H7	20	40	75 H7	500	6	140	19 (8x)	79.9	20 JS9	67	590	1,405
W10	160	350	250 H7	18	40	42 H7	300	6	110	19 (4x)	45.3	12 JS9	72.5	531	1,446
	180	350	250 H7	18	40	48 H7	300	6	110	19 (4x)	51.8	14 JS9	72.5	531	1,446
	200	400	300 H7	20	40	55 H7	350	6	110	19 (4x)	59.3	16 JS9	53	531	1,450
	225	450	350 H7	20	40	60 H7	400	6	140	19 (8x)	64.4	18 JS9	77	565	1,462
	250	550	450 H7	20	40	65 H7	500	6	140	19 (8x)	69.4	18 JS9	77	590	1,476
	280	550	450 H7	20	40	75 H7	500	6	140	19 (8x)	79.9	20 JS9	67	590	1,485
W11	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	73.5	554	1,921
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	73.5	554	1,921
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	552	1,925
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	78	586	1,937
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	88	611	1,951
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	83	611	1,960
W12	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	73.5	554	2,032
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	73.5	554	2,032
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	552	2,036
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	78	586	2,048
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	88	611	2,062
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	83	611	2,071
W13	160	350	250 H7	18	55	42 H7	300	6	110	19 (4x)	45.3	12 JS9	63	586	2,588
	180	350	250 H7	18	55	48 H7	300	6	110	19 (4x)	51.8	14 JS9	63	586	2,588
	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	63	586	2,589
	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	77	620	2,601
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	95	645	2,615
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	82	645	2,623
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	98	675	2,648
W14	160	350	250 H7	18	55	42 H7	300	6	110	19 (4x)	45.3	12 JS9	63	586	2,965
	180	350	250 H7	18	55	48 H7	300	6	110	19 (4x)	51.8	14 JS9	63	586	2,965
	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	63	586	2,966
	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	77	620	2,978
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	95	645	2,992
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	82	645	3,000
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	98	675	3,025
W15	200	400	300 H7	20	60	55 H7	350	6	110	19 (4x)	59.3	16 JS9	52	625	3,426
	225	450	350 H7	20	60	60 H7	400	6	140	19 (8x)	64.4	18 JS9	66	659	3,437
	250	550	450 H7	20	60	65 H7	500	6	140	19 (8x)	69.4	18 JS9	81	684	3,451
	280	550	450 H7	20	60	75 H7	500	6	140	19 (8x)	79.9	20 JS9	71	684	3,461
	315S-L	660	550 H7	20	60	80 H7	600	7	170	19 (8x)	85.4	22 JS9	92	714	3,485
	200	400	300 H7	20	60	55 H7	350	6	110	19 (4x)	59.3	16 JS9	52	625	3,691
W16	225	450	350 H7	20	60	60 H7	400	6	140	19 (8x)	64.4	18 JS9	66	659	3,702
	250	550	450 H7	20	60	65 H7	500	6	140	19 (8x)	69.4	18 JS9	81	684	3,716
	280	550	450 H7	20	60	75 H7	500	6	140	19 (8x)	79.9	20 JS9	71	684	3,726
	315S-L	660	550 H7	20	60	80 H7	600	7	170	19 (8x)	85.4	22 JS9	92	714	3,750

Accessories - Complementary Dimensions

IEC Motor Input Flange Right Angle Shafts R 2 Stages



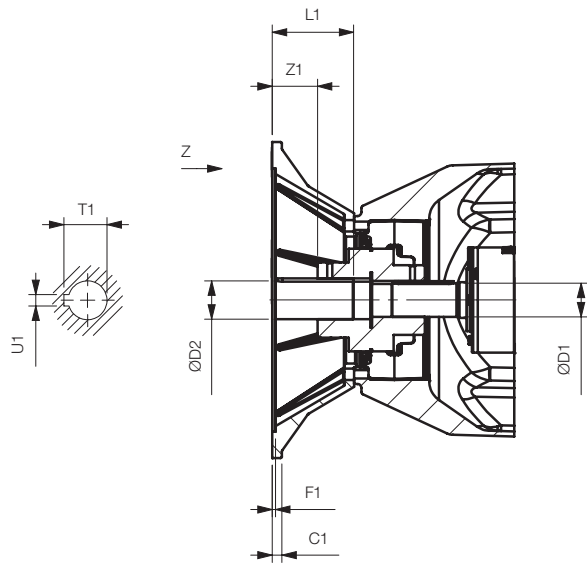
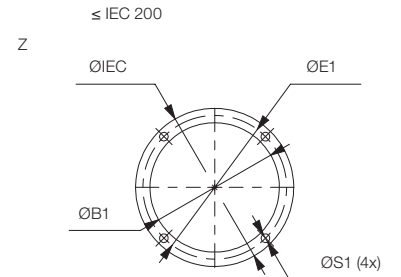
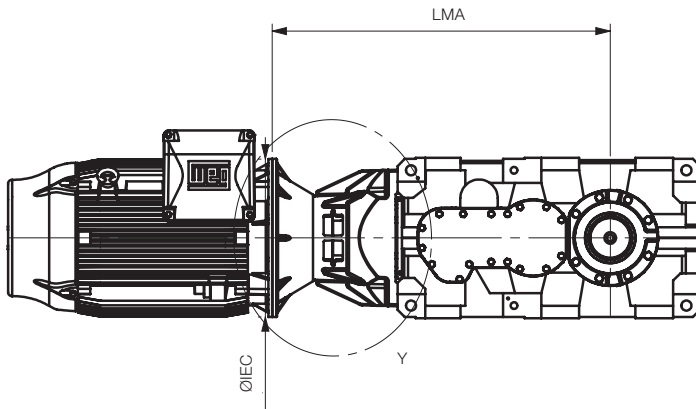
Accessories - Complementary Dimensions

IEC Motor Input Flange Right Angle Shafts R 2 Stages

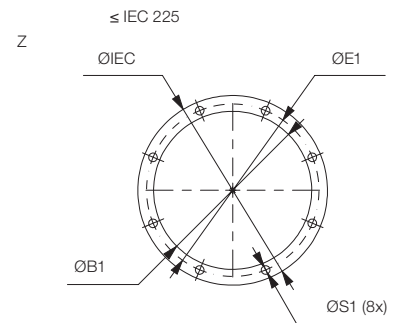
Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W05	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	68	1026	637
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	58	1026	637
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	88	1056	662
W06	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	68	1072	704
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	58	1072	704
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	88	1102	729
W07	315S-L	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	76	1194	1,037
	315	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	76	1194	1,037
	355	800	680 H7	20	80	100 H7	740	7	210	19 (8x)	106.4	28 JS9	124.5	1254	1,080
W08	315S-L	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	76	1248	1,142
	315	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	76	1248	1,142
	355	800	680 H7	20	80	100 H7	740	7	210	19 (8x)	106.4	28 JS9	124.5	1308	1,185
W09	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	1322	1,404
	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	1322	1,404
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	100.5	1382	1,411
W10	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	1354	1,490
	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	1354	1,490
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	100.5	1414	1,497
W11	315	660	550 H7	20	100	80 H7	600	7	170	19 (8x)	85.4	22 JS9	61.5	1475	1,963
	355	800	680 H7	20	100	100 H7	740	7	210	19 (8x)	106.4	28 JS9	111.5	1535	1,988
W12	315	660	550 H7	20	100	80 H7	600	7	170	19 (8x)	85.4	22 JS9	61.5	1510	2,074
	355	800	680 H7	20	100	100 H7	740	7	210	19 (8x)	106.4	28 JS9	111.5	1570	2,099
W13	355	800	680 H7	20	120	100 H7	740	7	210	19 (8x)	106.4	28 JS9	97.5	1658	2,698
W14	355	800	680 H7	20	120	100 H7	740	7	210	19 (8x)	106.4	28 JS9	97.5	1699	3,053

Accessories - Complementary Dimensions

IEC Motor Input Flange Right Angle Shafts R 3 Stages



DETAIL Y



Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W05	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	70.5	1023	598
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	70.5	1023	598
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59.5	1023	603
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	66	1057	615
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	78.5	1082	629
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	78.5	1082	629
	315S-L	660	550 H7	20	45	80 H7	600	7	170	19 (8x)	85.4	22 JS9	88.5	1112	654
W06	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	70.5	1069	672
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	70.5	1069	672
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59.5	1069	677
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	66	1103	689
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	78.5	1128	703
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	78.5	1128	703
	315S-L	660	550 H7	20	45	80 H7	600	7	170	19 (8x)	85.4	22 JS9	88.5	1158	728

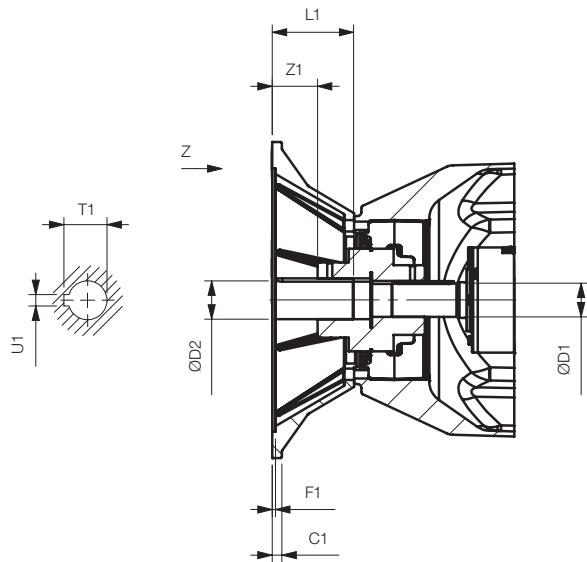
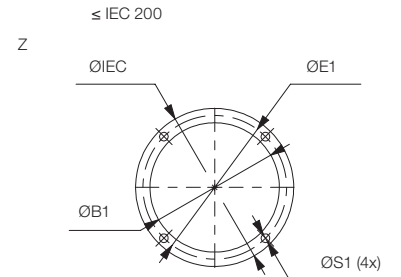
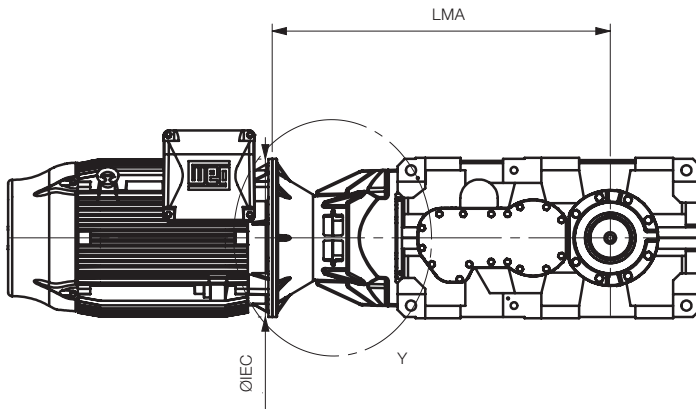
Accessories - Complementary Dimensions

IEC Motor Input Flange Right Angle Shafts R 3 Stages

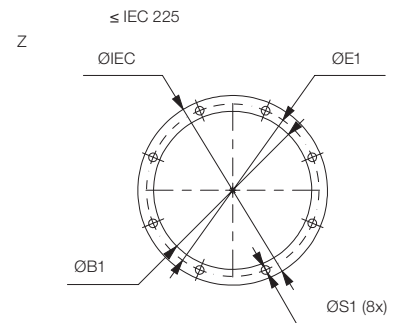
Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W07	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	1152	997
	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	83	1186	1,008
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	85	1211	1,023
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	75.5	1211	1,032
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	1241	1,057
	315	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	1241	1,057
W08	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	1206	1,106
	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	83	1240	1,117
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	85	1265	1,132
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	75.5	1265	1,141
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	1295	1,166
	315	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	1295	1,166
W09	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	76	1352	1,426
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	86	1377	1,440
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	81	1377	1,449
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	97	1407	1,474
	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	97	1407	1,474
	355	800	680 H7	20	70	100 H7	740	7	210	19 (8x)	106.4	28 JS9	124.5	1467	1,517
W10	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	76	1384	1,506
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	86	1409	1,520
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	81	1409	1,529
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	97	1439	1,554
	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	97	1439	1,554
	355	800	680 H7	20	70	100 H7	740	7	210	19 (8x)	106.4	28 JS9	124.5	1499	1,597
W11	250	550	450 H7	20	80	65 H7	500	6	140	19 (8x)	69.4	18 JS9	87	1542	2,019
	280	550	450 H7	20	80	75 H7	500	6	140	19 (8x)	79.9	20 JS9	77	1542	2,028
	315S-L	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	1572	2,052
	315	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	1572	2,052
	355	800	680 H7	20	80	100 H7	740	7	210	19 (8x)	106.4	28 JS9	131.5	1632	2,095
W12	250	550	450 H7	20	80	65 H7	500	6	140	19 (8x)	69.4	18 JS9	87	1577	2,130
	280	550	450 H7	20	80	75 H7	500	6	140	19 (8x)	79.9	20 JS9	77	1577	2,139
	315S-L	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	1607	2,163
	315	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	1607	2,163
	355	800	680 H7	20	80	100 H7	740	7	210	19 (8x)	106.4	28 JS9	131.5	1667	2,206
W13	250	550	450 H7	20	90	65 H7	500	6	140	19 (8x)	69.4	18 JS9	78	1723	2,709
	280	550	450 H7	20	90	75 H7	500	6	140	19 (8x)	79.9	20 JS9	78	1723	2,709
	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1753	2,733
	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1753	2,733
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	137.5	1813	2,776
W14	250	550	450 H7	20	90	65 H7	500	6	140	19 (8x)	69.4	18 JS9	78	1763	3,086
	280	550	450 H7	20	90	75 H7	500	6	140	19 (8x)	79.9	20 JS9	78	1763	3,086
	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1793	3,110
	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1793	3,110
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	137.5	1853	3,153
W15	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1807	3,541
	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1807	3,541
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	137.5	1867	3,583
W16	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1847	3,805
	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1847	3,805
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	137.5	1907	3,847

Accessories - Complementary Dimensions

IEC Motor Input Flange Right Angle Shafts R 4 Stages



DETAIL Y



Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W05	100	250	180 H7	18	32	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34	951	582
	112	250	180 H7	18	32	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34	951	582
	132	300	230 H7	18	32	38 H7	265	5	60	15 (4x)	41.3	10 JS9	36.5	972	582
	160	350	250 H7	18	32	42 H7	300	6	110	19 (4x)	45.3	12 JS9	80	1023	593
	180	350	250 H7	18	32	48 H7	300	6	110	19 (4x)	51.8	14 JS9	80	1023	593
	200	400	300 H7	20	32	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	1023	598
W06	100	250	180 H7	18	32	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34	997	656
	112	250	180 H7	18	32	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34	997	656
	132	300	230 H7	18	32	38 H7	265	5	60	15 (4x)	41.3	10 JS9	36.5	1018	656
	160	350	250 H7	18	32	42 H7	300	6	110	19 (4x)	45.3	12 JS9	80	1069	667
	180	350	250 H7	18	32	48 H7	300	6	110	19 (4x)	51.8	14 JS9	80	1069	667
	200	400	300 H7	20	32	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	1069	672
W07	132	300	230 H7	18	38	38 H7	265	5	60	15 (4x)	41.3	10 JS9	31.5	1101	981
	160	350	250 H7	18	38	42 H7	300	6	110	19 (4x)	45.3	12 JS9	64	1152	991
	180	350	250 H7	18	38	48 H7	300	6	110	19 (4x)	51.8	14 JS9	64	1152	991
	200	400	300 H7	20	38	55 H7	350	6	110	19 (4x)	59.3	16 JS9	54	1152	996
	225	450	350 H7	20	38	60 H7	400	6	140	19 (8x)	64.4	18 JS9	78	1186	1,007

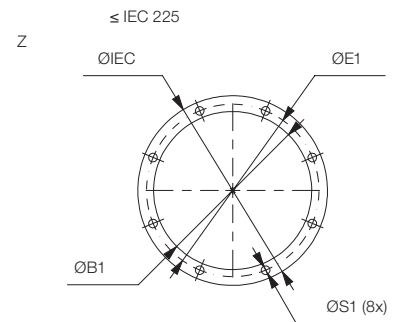
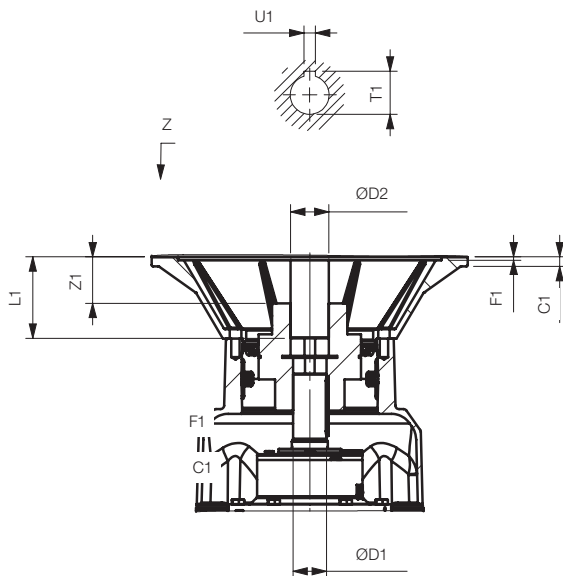
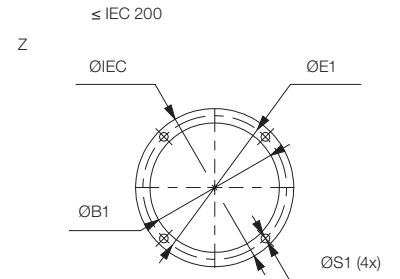
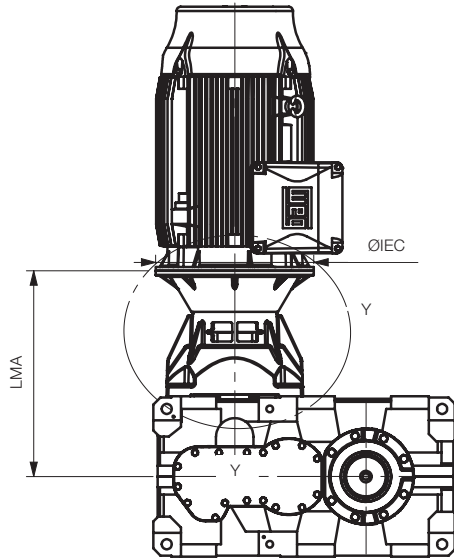
Accessories - Complementary Dimensions

IEC Motor Input Flange Right Angle Shafts R 4 Stages

Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W08	132	300	230 H7	18	38	38 H7	265	5	60	15 (4x)	41.3	10 JS9	31.5	1155	1,090
	160	350	250 H7	18	38	42 H7	300	6	110	19 (4x)	45.3	12 JS9	64	1206	1,100
	180	350	250 H7	18	38	48 H7	300	6	110	19 (4x)	51.8	14 JS9	64	1206	1,100
	200	400	300 H7	20	38	55 H7	350	6	110	19 (4x)	59.3	16 JS9	54	1206	1,105
	225	450	350 H7	20	38	60 H7	400	6	140	19 (8x)	64.4	18 JS9	78	1240	1,116
W09	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	49.5	1318	1,406
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	49.5	1318	1,406
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	39.5	1318	1,411
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	63.5	1352	1,422
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	66	1377	1,436
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	56	1377	1,445
W10	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	49.5	1350	1,486
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	49.5	1350	1,486
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	39.5	1350	1,491
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	63.5	1384	1,502
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	66	1409	1,516
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	56	1409	1,525
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	1572	2,044
W11	160	350	250 H7	18	55	42 H7	300	6	110	19 (4x)	45.3	12 JS9	58	1483	1,980
	180	350	250 H7	18	55	48 H7	300	6	110	19 (4x)	51.8	14 JS9	58	1483	1,980
	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	53	1483	1,984
	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	77	1517	1,996
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	82	1542	2,010
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	72	1542	2,019
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	1572	2,044
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	1572	2,044
W12	160	350	250 H7	18	55	42 H7	300	6	110	19 (4x)	45.3	12 JS9	58	1518	2,091
	180	350	250 H7	18	55	48 H7	300	6	110	19 (4x)	51.8	14 JS9	58	1518	2,091
	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	53	1518	2,095
	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	77	1552	2,107
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	82	1577	2,121
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	72	1577	2,130
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	1607	2,155
W13	160	350	250 H7	18	70	42 H7	300	6	110	19 (4x)	45.3	12 JS9	29	1664	2,682
	180	350	250 H7	18	70	48 H7	300	6	110	19 (4x)	51.8	14 JS9	29	1664	2,682
	200	400	300 H7	20	70	55 H7	350	6	110	19 (4x)	59.3	16 JS9	36.5	1664	2,682
	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	63	1698	2,690
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	63	1723	2,704
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	58	1723	2,713
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1753	2,738
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1753	2,738
W14	160	350	250 H7	18	70	42 H7	300	6	110	19 (4x)	45.3	12 JS9	29	1704	3,059
	180	350	250 H7	18	70	48 H7	300	6	110	19 (4x)	51.8	14 JS9	29	1704	3,059
	200	400	300 H7	20	70	55 H7	350	6	110	19 (4x)	59.3	16 JS9	36.5	1704	3,059
	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	63	1738	3,067
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	63	1763	3,081
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	58	1763	3,090
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1793	3,115
W15	200	400	300 H7	20	70	55 H7	350	6	110	19 (4x)	59.3	16 JS9	31.5	1718	3,501
	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	65.5	1752	3,509
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	68	1777	3,523
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	53	1777	3,532
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1807	3,556
	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1807	3,556
W16	200	400	300 H7	20	70	55 H7	350	6	110	19 (4x)	59.3	16 JS9	31.5	1758	3,765
	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	65.5	1792	3,773
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	68	1817	3,787
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	53	1817	3,796
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1847	3,820
	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1847	3,820

Accessories - Complementary Dimensions

IEC Motor Input Flange Right Angle Shafts T 3 Stages



Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W05	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	70.5	625	598
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	70.5	625	598
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59.5	625	603
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	66	659	615
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	78.5	684	629
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	78.5	684	629
	315S-L	660	550 H7	20	45	80 H7	600	7	170	19 (8x)	85.4	22 JS9	88.5	714	654
W06	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	70.5	625	672
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	70.5	625	672
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59.5	625	677
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	66	659	689
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	78.5	684	703
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	78.5	684	703
	315S-L	660	550 H7	20	45	80 H7	600	7	170	19 (8x)	85.4	22 JS9	88.5	714	728

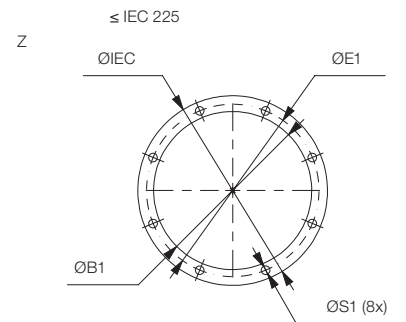
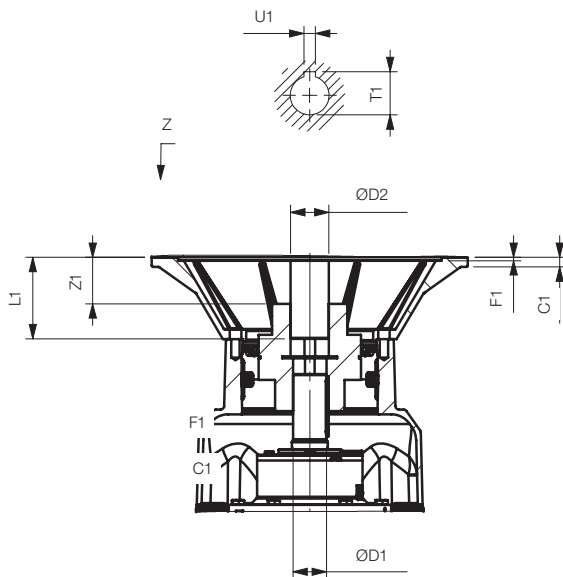
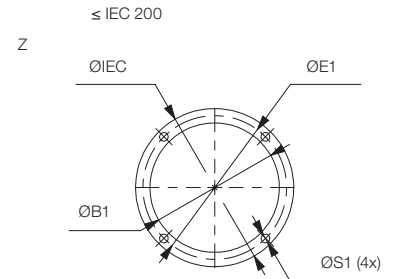
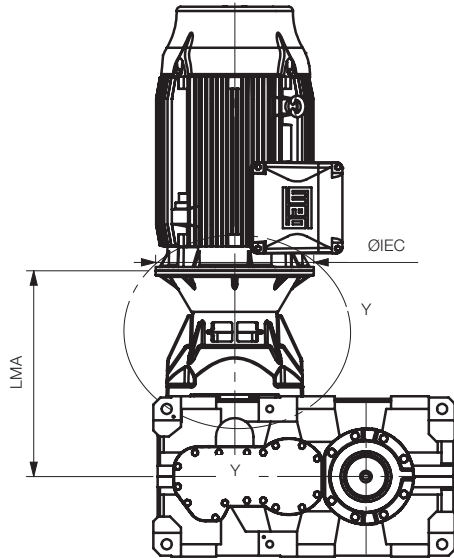
Accessories - Complementary Dimensions

IEC Motor Input Flange Right Angle Shafts T 3 Stages

Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W07	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	682	997
	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	83	716	1,008
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	85	741	1,023
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	75.5	741	1,032
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	771	1,057
W08	315	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	771	1,057
	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	682	1,106
	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	83	716	1,117
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	85	741	1,132
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	75.5	741	1,141
W09	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	771	1,166
	315	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	87	771	1,166
	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	76	804	1,426
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	86	829	1,440
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	81	829	1,449
W10	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	97	859	1,474
	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	97	859	1,474
	355	800	680 H7	20	70	100 H7	740	7	210	19 (8x)	106.4	28 JS9	124.5	919	1,517
	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	76	804	1,506
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	86	829	1,520
W11	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	81	829	1,529
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	97	859	1,554
	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	97	859	1,554
	355	800	680 H7	20	70	100 H7	740	7	210	19 (8x)	106.4	28 JS9	124.5	919	1,597
	250	550	450 H7	20	80	65 H7	500	6	140	19 (8x)	69.4	18 JS9	87	925	2,019
W12	280	550	450 H7	20	80	75 H7	500	6	140	19 (8x)	79.9	20 JS9	77	925	2,028
	315S-L	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	955	2,052
	315	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	955	2,052
	355	800	680 H7	20	80	100 H7	740	7	210	19 (8x)	106.4	28 JS9	131.5	1015	2,095
	250	550	450 H7	20	80	65 H7	500	6	140	19 (8x)	69.4	18 JS9	87	925	2,130
W13	280	550	450 H7	20	80	75 H7	500	6	140	19 (8x)	79.9	20 JS9	77	925	2,139
	315S-L	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	955	2,163
	315	660	550 H7	20	80	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	955	2,163
	355	800	680 H7	20	80	100 H7	740	7	210	19 (8x)	106.4	28 JS9	131.5	1015	2,206
	250	550	450 H7	20	90	65 H7	500	6	140	19 (8x)	69.4	18 JS9	78	1016	2,709
W14	280	550	450 H7	20	90	75 H7	500	6	140	19 (8x)	79.9	20 JS9	78	1016	2,709
	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1046	2,733
	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1046	2,733
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	137.5	1106	2,776
	250	550	450 H7	20	90	65 H7	500	6	140	19 (8x)	69.4	18 JS9	78	1016	3,086
W15	280	550	450 H7	20	90	75 H7	500	6	140	19 (8x)	79.9	20 JS9	78	1016	3,086
	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1046	3,110
	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1046	3,110
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	137.5	1106	3,153
	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1041	3,541
W16	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1041	3,541
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	137.5	1101	3,583
	315S-L	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1041	3,805
W16	315	660	550 H7	20	90	80 H7	600	7	170	19 (8x)	85.4	22 JS9	99	1041	3,805
	355	800	680 H7	20	90	100 H7	740	7	210	19 (8x)	106.4	28 JS9	137.5	1101	3,847

Accessories - Complementary Dimensions

IEC Motor Input Flange Right Angle Shafts T 4 Stages



Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W05	100	250	180 H7	18	32	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34	553	582
	112	250	180 H7	18	32	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34	553	582
	132	300	230 H7	18	32	38 H7	265	5	60	15 (4x)	41.3	10 JS9	36.5	574	582
	160	350	250 H7	18	32	42 H7	300	6	110	19 (4x)	45.3	12 JS9	80	625	593
	180	350	250 H7	18	32	48 H7	300	6	110	19 (4x)	51.8	14 JS9	80	625	593
	200	400	300 H7	20	32	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	625	598
W06	100	250	180 H7	18	32	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34	553	656
	112	250	180 H7	18	32	28 H7	215	5	60	15 (4x)	31.3	8 JS9	34	553	656
	132	300	230 H7	18	32	38 H7	265	5	60	15 (4x)	41.3	10 JS9	36.5	574	656
	160	350	250 H7	18	32	42 H7	300	6	110	19 (4x)	45.3	12 JS9	80	625	667
	180	350	250 H7	18	32	48 H7	300	6	110	19 (4x)	51.8	14 JS9	80	625	667
	200	400	300 H7	20	32	55 H7	350	6	110	19 (4x)	59.3	16 JS9	59	625	672
W07	132	300	230 H7	18	38	38 H7	265	5	60	15 (4x)	41.3	10 JS9	31.5	631	981
	160	350	250 H7	18	38	42 H7	300	6	110	19 (4x)	45.3	12 JS9	64	682	991
	180	350	250 H7	18	38	48 H7	300	6	110	19 (4x)	51.8	14 JS9	64	682	991
	200	400	300 H7	20	38	55 H7	350	6	110	19 (4x)	59.3	16 JS9	54	682	996
	225	450	350 H7	20	38	60 H7	400	6	140	19 (8x)	64.4	18 JS9	78	716	1,007

Accessories - Complementary Dimensions

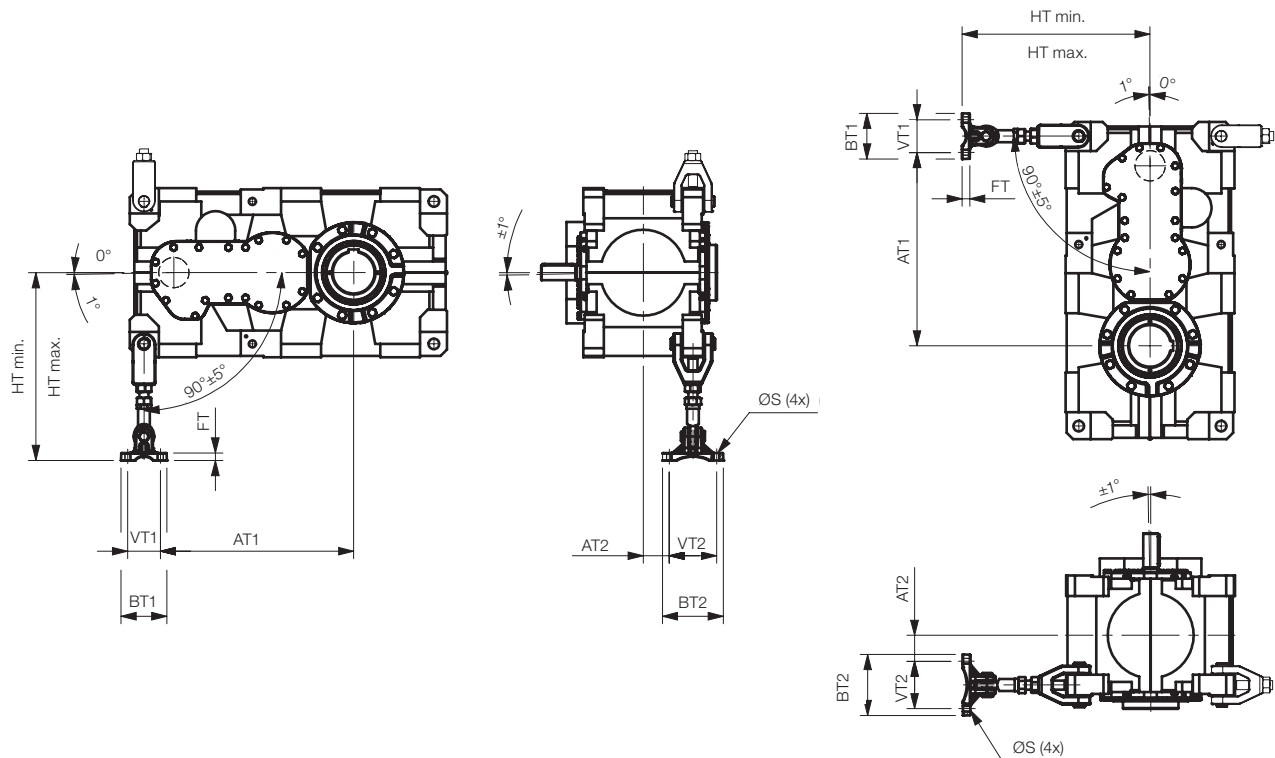
IEC Motor Input Flange Right Angle Shafts T 4 Stages

Size	IEC	ØIEC	ØB1	C1	ØD1	ØD2	ØE1	F1	L1	ØS1	T1	U1	Z1	LMA	kg
W08	132	300	230 H7	18	38	38 H7	265	5	60	15 (4x)	41.3	10 JS9	31.5	631	1,090
	160	350	250 H7	18	38	42 H7	300	6	110	19 (4x)	45.3	12 JS9	64	682	1,100
	180	350	250 H7	18	38	48 H7	300	6	110	19 (4x)	51.8	14 JS9	64	682	1,100
	200	400	300 H7	20	38	55 H7	350	6	110	19 (4x)	59.3	16 JS9	54	682	1,105
	225	450	350 H7	20	38	60 H7	400	6	140	19 (8x)	64.4	18 JS9	78	716	1,116
W09	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	49.5	770	1,406
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	49.5	770	1,406
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	39.5	770	1,411
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	63.5	804	1,422
	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	66	829	1,436
W10	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	56	829	1,445
	160	350	250 H7	18	45	42 H7	300	6	110	19 (4x)	45.3	12 JS9	49.5	770	1,486
	180	350	250 H7	18	45	48 H7	300	6	110	19 (4x)	51.8	14 JS9	49.5	770	1,486
	200	400	300 H7	20	45	55 H7	350	6	110	19 (4x)	59.3	16 JS9	39.5	770	1,491
	225	450	350 H7	20	45	60 H7	400	6	140	19 (8x)	64.4	18 JS9	63.5	804	1,502
W11	250	550	450 H7	20	45	65 H7	500	6	140	19 (8x)	69.4	18 JS9	66	829	1,516
	280	550	450 H7	20	45	75 H7	500	6	140	19 (8x)	79.9	20 JS9	56	829	1,525
	160	350	250 H7	18	55	42 H7	300	6	110	19 (4x)	45.3	12 JS9	58	866	1,980
	180	350	250 H7	18	55	48 H7	300	6	110	19 (4x)	51.8	14 JS9	58	866	1,980
	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	53	866	1,984
W12	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	77	900	1,996
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	82	925	2,010
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	72	925	2,019
	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	955	2,044
	160	350	250 H7	18	55	42 H7	300	6	110	19 (4x)	45.3	12 JS9	58	866	2,091
W13	180	350	250 H7	18	55	48 H7	300	6	110	19 (4x)	51.8	14 JS9	58	866	2,091
	200	400	300 H7	20	55	55 H7	350	6	110	19 (4x)	59.3	16 JS9	53	866	2,095
	225	450	350 H7	20	55	60 H7	400	6	140	19 (8x)	64.4	18 JS9	77	900	2,107
	250	550	450 H7	20	55	65 H7	500	6	140	19 (8x)	69.4	18 JS9	82	925	2,121
	280	550	450 H7	20	55	75 H7	500	6	140	19 (8x)	79.9	20 JS9	72	925	2,130
W14	315S-L	660	550 H7	20	55	80 H7	600	7	170	19 (8x)	85.4	22 JS9	93	955	2,155
	160	350	250 H7	18	70	42 H7	300	6	110	19 (4x)	45.3	12 JS9	29	957	2,682
	180	350	250 H7	18	70	48 H7	300	6	110	19 (4x)	51.8	14 JS9	29	957	2,682
	200	400	300 H7	20	70	55 H7	350	6	110	19 (4x)	59.3	16 JS9	36.5	957	2,682
	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	63	991	2,690
W15	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	63	1016	2,704
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	58	1016	2,713
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1046	2,738
	160	350	250 H7	18	70	42 H7	300	6	110	19 (4x)	45.3	12 JS9	29	957	3,059
	180	350	250 H7	18	70	48 H7	300	6	110	19 (4x)	51.8	14 JS9	29	957	3,059
W16	200	400	300 H7	20	70	55 H7	350	6	110	19 (4x)	59.3	16 JS9	31.5	952	3,501
	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	65.5	986	3,509
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	68	1011	3,523
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	53	1011	3,532
	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1041	3,556
W17	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1041	3,556
	200	400	300 H7	20	70	55 H7	350	6	110	19 (4x)	59.3	16 JS9	31.5	952	3,765
	225	450	350 H7	20	70	60 H7	400	6	140	19 (8x)	64.4	18 JS9	65.5	986	3,773
	250	550	450 H7	20	70	65 H7	500	6	140	19 (8x)	69.4	18 JS9	68	1011	3,787
	280	550	450 H7	20	70	75 H7	500	6	140	19 (8x)	79.9	20 JS9	53	1011	3,796
W18	315S-L	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1041	3,820
	315	660	550 H7	20	70	80 H7	600	7	170	19 (8x)	85.4	22 JS9	79	1041	3,820

Accessories - Complementary Dimensions

Torque Arm

The torque arm is a link between the gearbox and a fixed point designed to hold the torque developed by the gearbox, withstanding the reaction torque produced by the gearbox and preventing the gearbox from counter-rotating during operation. The length of the torque arm can be adjusted within a certain range to suit the customer's needs. It is recommended to mount the torsion arm on the same side of the driven machine, keeping the shaft bending to a minimum.



Size	AT1	AT1 (2 Stag.)	AT2	BT1	BT2	FT	HT min.	HT max.	ØS (4x)	VT1	VT2
W05	588	483	85.5	120	160	25	547	587	13.5	70	120
W06	634	529	85.5	120	160	25	547	587	13.5	70	120
W07	672	547	78	180	240	30	725	775	22	130	188
W08	726	601	78	180	240	30	725	775	22	130	188
W09	767	633	103	180	240	30	745	795	22	130	188
W10	799	633	103	180	240	30	745	795	22	130	188
W11	869	715	118	200	250	30	800	845	22	130	188
W12	904	750	118	200	250	30	800	845	22	130	188
W13	1007	832	138	200	250	30	850	890	22	130	188
W14	1046	873	138	200	250	30	850	890	22	130	188
W15	1036	856	150	300	300	30	945	975	26	220	220
W16	1076	896	150	300	300	30	945	975	26	220	220

AT1: distance from the center of the output shaft to the hole of the torque arm base for 3 and 4 stages.

AT1 (2 Stag.): distance from the center of the output shaft to the hole of the torque arm base for 2 stages.

The optional torque arm is available shaft mounted, with the gearbox output featuring hollow shaft with a keyway, hollow shaft with shrink disk or solid shaft. In the case of a solid shaft with a torsion arm, the the gearbox output shaft and the equipment must be coupled using a DIN116 rigid coupling. WEG-CESTARI supplies DIN116 rigid coupling—contact us.

Accessories - Complementary Dimensions

Coil

The coil is of the cartridge type with G 1/2" thread and copper tubes, with a maximum temperature of 95 °C and a permissible pressure of 10 bar. Recommended flow rate 15 l/min.

The following table provides an overview of the compatibility of copper pipes with water elements in non-potable water.

Item	mg/l	
pH	<6	0
	6 to 9	+
	>9	0
Chloride	Up to 1000	+
	>1000	0
Sulfate	Up to 70	+
	70 to 300	0
	>300	-
Nitrate	Up to 100	+
	>100	0
Aggressive carbon acid (free)	Up to 20	+
	20 to 50	0
	>50	-

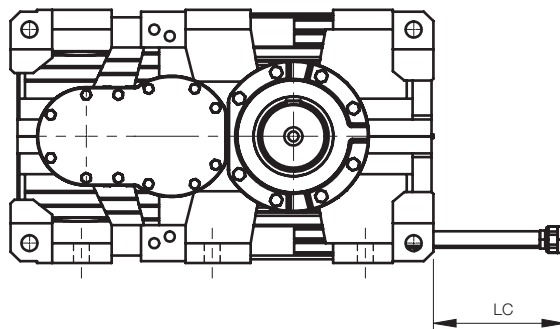
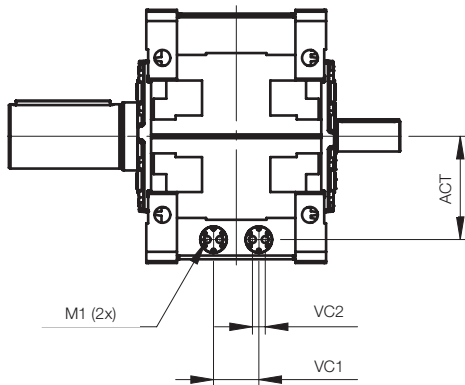
Item	mg/l	
Oxygen	Up to 2	+
	>2	0
Ammonia	Up to 2	+
	2 to 20	0
Dissolved Iron	Up to 10	+
	>10	0
Dissolved manganese	Up to 1	+
	>1	0
Free Chlorine	Up to 5	+
	>5	0
Sulphide		-

Legend:

+: normal, acceptable.

0: Not recommended; corrosion problems may occur.

-: do not use it.



Size	ACT	LC 2 Stag.	LC 3-4 Stag.	M1 (2x)	VC1	VC2
W05	210	555	695	G1/2"	115	35
W06	213	555	695	G1/2"	115	35
W07	252	555	695	G1/2"	115	35
W08	260	555	695	G1/2"	120	35
W09	273	695	955	G1/2"	120	35
W10	273	695	955	G1/2"	120	35
W11	302	695	955	G1/2"	150	35
W12	302	695	955	G1/2"	150	35
W13	352	955	955	G1/2"	150	35
W14	352	955	955	G1/2"	150	35
W15	377	955	955	G1/2"	150	35
W16	377	955	955	G1/2"	150	35

Accessories - Complementary Dimensions

Fan

The fan is radial and spins in both directions. It is made of aluminum with a steel hub, steel fan cover according to NR12 and balanced according to ISO 1940 G6.3.

It can be installed on the input flange or on the additional end of the gearbox with fan cover. The thermal power in the capacity tables is for the fan installed on the gearbox shaft end. For fan installed on the input flange, derate the indicated capacity by 20%.

Lubrication and Cooling System

The forced lubrication and cooling system has as main function to lubricate the bearings and gear pairs. It is composed of a helical gear pump, driven by an electric motor and connected by elastic coupling, a water-oil tube and shell heat exchanger (for air-oil radiator, contact WEG-CESTARI) with simple filter, a stainless steel case pressure gauge with glycerin for local reading and a pressure switch to regulate the low pressure (0.8 bar).

Eight system capacities are available, which must be selected to meet the required thermal power (see page 10).

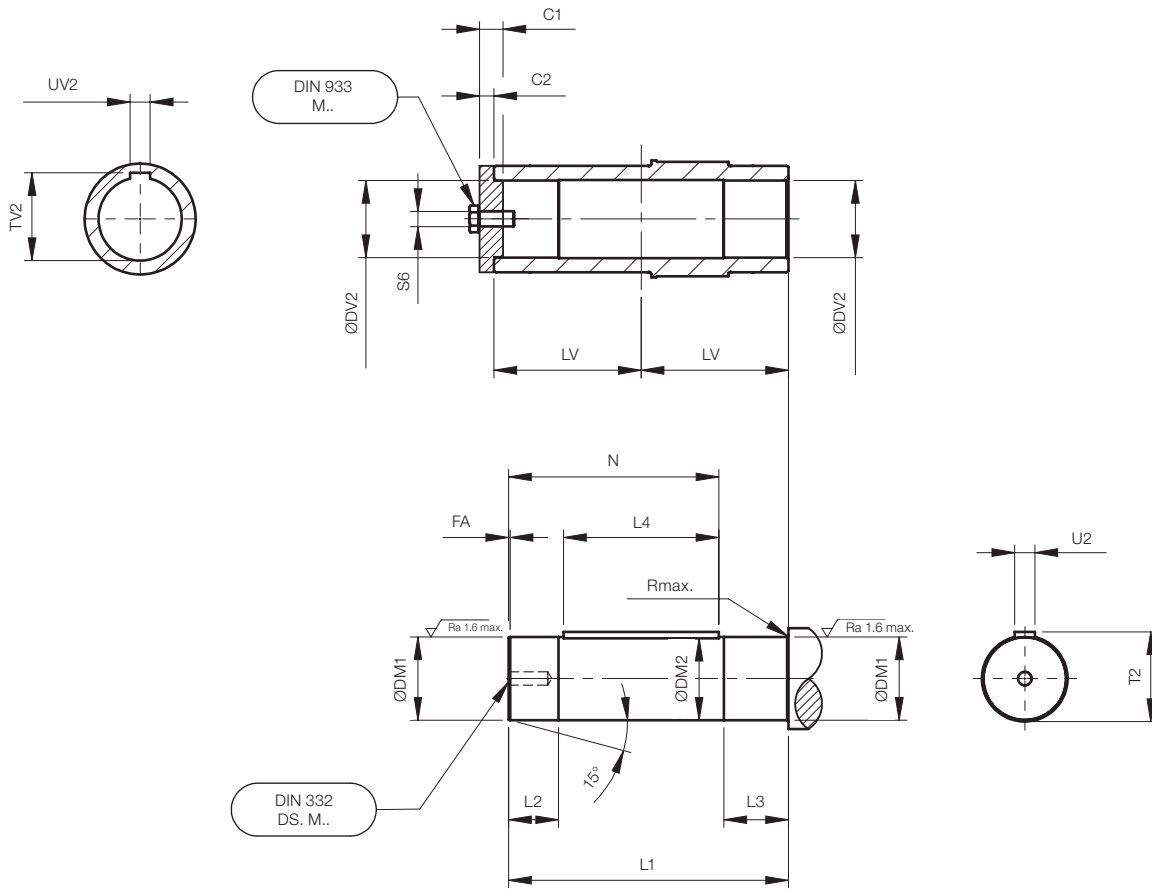
When lubrication is forced with a pump installed on the gearbox shaft, there must be only one direction of rotation, and it must be informed when placing the order. In this case, the pump is dimensioned for the gearbox rotational speed informed in the application data. The use of the gearbox with rotational speeds different from the one considered in the pump sizing can cause insufficient lubrication, which may lead to premature failure of gearbox components.

When the gearbox has a cooling system, the pump flow is dimensioned for the necessary thermal exchange in the heat exchanger. If the pump operates at a speed different from the one considered in the heat exchanger calculations, the efficiency of this heat exchanger will be impaired as well as the thermal capacity, and the oil may overheat, causing premature failures.

For gearboxes operating with speed variation (variable speed drive, for example), the recommended lubrication system is with a pump driven by an electric motor. When the pump is driven by an electric motor (pump dimensioned for the motor speed), the line frequency, the desired voltage, the motor characteristics and the motor standard must be informed in the application data. Usually the characteristics of the lubrication motor follow the main motor, and the system must be started 1 minute before the main motor.

Recommendations for the Machine Shaft

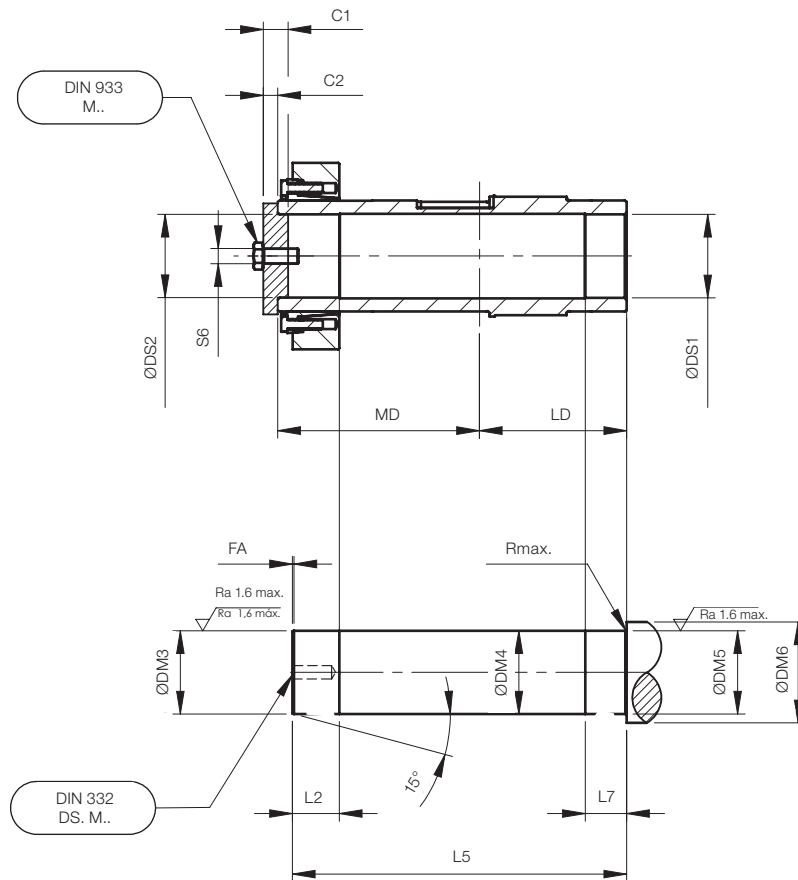
Hollow shaft with keyway



Size	C1	C2	ØDM1	ØDM2	ØDV2	FA	L1	L2	L3	L4	LV	N	R máx.	S6	T2	TV2	U2	UV2	DIN 332 DS. M..	DIN 933 M..
W05	30	14	115 js7	115 h11	115 H8	3	418	91	117	200	222	295	2.5	M30	122	122.4	32 h9	32 JS9	M24	M24x80-8.8
W06	30	14	125 js7	125 h11	125 H8	3	422	91	117	200	224	300	2.5	M30	137	137.4	32 h9	32 JS9	M24	M24x80-8.8
W07	36	17	135 js7	135 h11	135 H8	3	483	98	127	245	256	350	2.5	M36	143	143.4	36 h9	36 JS9	M30	M30x90-8.8
W08	36	17	150 js7	150 h11	150 H8	3	483	98	127	245	256	350	2.5	M36	158	158.4	36 h9	36 JS9	M30	M30x90-8.8
W09	36	17	165 js7	165 h11	165 H8	3	555	99	128	315	292	420	2.5	M36	174	174.4	40 h9	40 JS9	M30	M30x90-8.8
W10	36	17	165 js7	165 h11	165 H8	3	555	99	128	315	292	420	2.5	M36	174	174.4	40 h9	40 JS9	M30	M30x90-8.8
W11	36	17	180 js7	180 h11	180 H8	3	609	120	149	330	319	455	2.5	M36	190	190.4	45 h9	45 JS9	M30	M30x90-8.8
W12	36	17	190 js7	190 h11	190 H8	3	609	120	149	330	319	455	2.5	M36	200	200.4	45 h9	45 JS9	M30	M30x90-8.8
W13	36	17	210 js7	210 h11	210 H8	3	675	123	152	380	352	510	2.5	M36	221	221.4	50 h9	50 JS9	M30	M30x90-8.8
W14	36	17	210 js7	210 h11	210 H8	3	675	123	152	380	352	510	2.5	M36	221	221.4	50 h9	50 JS9	M30	M30x90-8.8
W15	45	22	230 js7	230 h11	230 H8	3	767	137	170	440	400	585	2.5	M42	241	241.4	50 h9	50 JS9	M36	M36x110-8.8
W16	45	22	240 js7	240 h11	240 H8	3	767	137	170	440	400	585	2.5	M42	252	252.4	56 h9	56 JS9	M36	M36x110-8.8

Recommendations for the Machine Shaft

Hollow Output Shaft with Shrink Disc



Size	C1	C2	ØDS1	ØDS2	ØDM3	ØDM4	ØDM5	ØDM6	FA	L5	L6	L7	LD	MD	R máx.	S6	DIN 332 DS. M..	DIN 933 M..
W05	30	14	121 H9	120 H7	120 h6	120 h11	121 m6	135	3	524	50	62	222	328	2.5	M30	M24	M24x80-8.8
W06	30	14	131 H9	130 H7	130 h6	130 h11	131 m6	145	3	534	56	62	224	336	2.5	M30	M24	M24x80-8.8
W07	36	17	141 H9	140 H7	140 h6	140 h11	141 m6	155	3	591	79	72	256	364	3	M36	M30	M30x90-8.8
W08	36	17	151 H9	150 H7	150 h6	150 h11	151 m6	165	3	591	79	72	256	364	3	M36	M30	M30x90-8.8
W09	36	17	166 H9	165 H7	165 h6	165 h11	166 m6	180	3	663	93	82	292	400	3	M36	M30	M30x90-8.8
W10	36	17	166 H9	165 H7	165 h6	165 h11	166 m6	180	3	663	93	82	292	400	3	M36	M30	M30x90-8.8
W11	36	17	181 H9	180 H7	180 h6	180 h11	181 m6	195	3	741	103	83	319	451	3	M36	M30	M30x90-8.8
W12	36	17	191 H9	190 H7	190 h6	190 h11	191 m6	205	3	741	106	83	319	451	3	M36	M30	M30x90-8.8
W13	36	17	211 H9	210 H7	210 h6	210 h11	211 m6	230	3	821	111	108	352	498	3	M36	M30	M30x90-8.8
W14	36	17	211 H9	210 H7	210 h6	210 h11	211 m6	230	3	821	111	108	352	498	3	M36	M30	M30x90-8.8
W15	45	22	231 H9	230 H7	230 h6	230 h11	231 m6	250	3	937	131	108	400	570	3	M42	M36	M36x110-8.8
W16	45	22	241 H9	240 H7	240 h6	240 h11	241 m6	260	3	937	131	108	400	570	3	M42	M36	M36x110-8.8

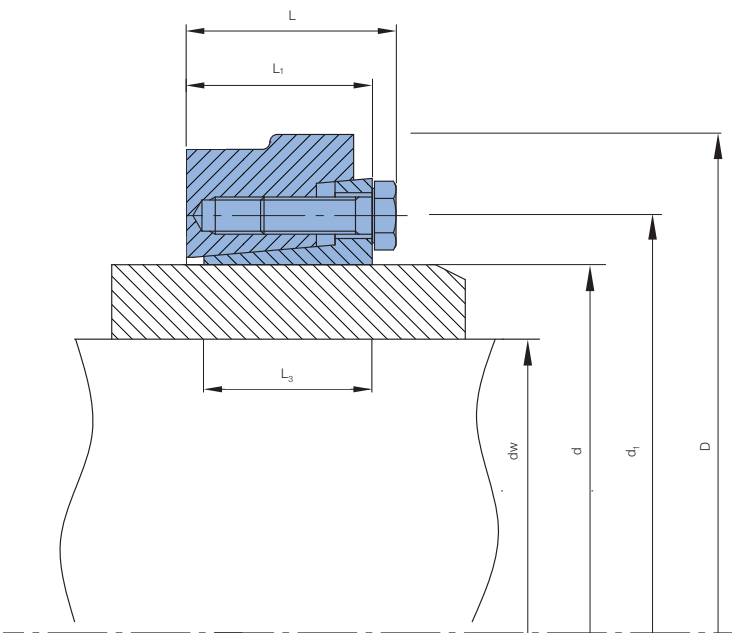
Application Instructions - Shrink Disc

Shrink discs must have a torque greater than the peak torque M_{k2max} —see page 10.

This calculation is necessary because, in cases it is difficult to disassemble the shrink disc from the customer's shaft, the equipment shaft occasionally rotates on the gearbox hollow shaft. As the electric motors have a maximum torque above the rated torque, in starts with load, they can generate a transient moment above the rated one and, therefore, exceed the disk limit and cause the shaft to rotate.

Below, we have a reference table with the permissible torques on the shrink disc for the correct application in gearboxes of the WCG50 line.

When using a shrink disc, calculate the gear unit's mechanical service factor (depending on the load class, operating time, etc.) and the torque limit.



Shrink disc						
Size	kNm	dw	d x D	kNm	L1	L
W05	22	120	150x263	45.3	62	71
W06	28	130	160x290	66.7	68	78
W07	36	140	180x320	86.5	87	97
W08	46	150	180x320	101.4	87	97
W09	58.5	165	220x370	171	103	116
W10	67	165	220x370	171	103	116
W11	80	180	240x405	215	109	122
W12	92	190	240x405	242	109	122
W13	115	210	260x430	308.5	116	129
W14	132	210	260x430	308.5	116	129
W15	158	230	280x460	346.5	121	135
W16	178	240	280x460	380	121	135

Examples for better understanding:

Load class: strong.

Operating time: 24 hours/day.

Required mechanical service factor: $f_{smec} = 2.00$.

75 hp electric motor - 6 poles - 60 Hz.

Gearbox ratio: 160.

Starter type: direct-online

Speed at gearbox input: $n_1 = 1150$ rpm.

Speed at gearbox output: $n_2 = 1150/160 = 7.19$ rpm.

Torsional moment of the motor at the gearbox output:

$$T_2 = 9550 \cdot 55 / 7.19 = 73053 \text{ Nm}$$

Considering a W15 gearbox, we will have a maximum torque at the gearbox output of 158,000 Nm, which will give the gear reducer service factor of $158,000 / 73,053 \text{ Nm} = 2.16$, which meets mechanically. The shrink disk torque is 346,500 Nm.

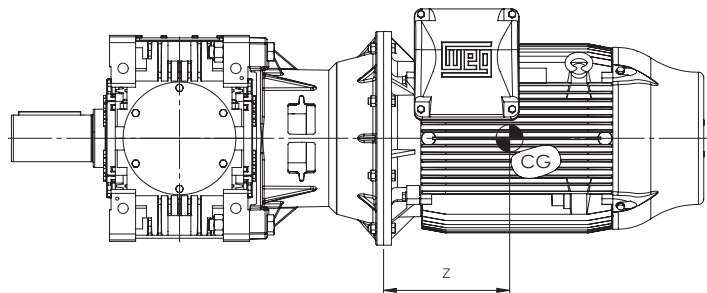
The maximum peak torque for direct-on-line starter is $M_{k2max} = T_2 \times F_{start}$ (see page 10) $> M_{k2max} = 73053 \times 3 = 219,159$ Nm; and the shrink disk meets the requirements (torque 346,500 Nm).

Limits for Mounting the Input Flange

Maximum motor weight			
Mounting position P1 / Mounting surface S1			
Mounting position P3 / Mounting surface S3			
Mounting	P parallel shafts	R right angle shafts	T right angle shafts
Feet	≤1.5 gearbox weight	≤1.8 gearbox weight	≤2.0 gearbox weight
Torque arm	≤0.5 gearbox weight	≤1.5 gearbox weight	≤1.5 gearbox weight
Flange	≤0.5 gearbox weight	≤0.5 gearbox weight	≤0.5 gearbox weight
Mounting position P5 / Mounting surface S5			
Mounting position P6 / Mounting surface S6			
Mounting	P parallel shafts	R right angle shafts	T right angle shafts
Feet	≤2.0 gearbox weight	≤1.5 gearbox weight	≤1.8 gearbox weight
Flange	≤1.5 gearbox weight	≤0.8 gearbox weight	≤1.2 gearbox weight
Mounting position P4 / Mounting surface S2			
Mounting	P parallel shafts	R right angle shafts	T right angle shafts
Feet	≤1.2 gearbox weight	≤1.8 gearbox weight	≤1.5 gearbox weight
Torque arm	≤0.8 gearbox weight	≤1.0 gearbox weight	≤0.8 gearbox weight
Flange	≤1.0 gearbox weight	≤1.2 gearbox weight	≤1.0 gearbox weight

Maximum Motor Weight as a Function of the Frame Size

Valid for stationary applications; for mobile applications, consult WEG-CESTARI.



IEC flange (FF)								
Motor frame	Z (CG)	ØP	ØM	ØN		ØS	Screw	Maximum motor weight [kg] ¹⁾
100	138	250	215	180	4	15	M12	63
112	135	250	215	180	4	15	M12	64
132S	155	300	265	230	4	15	M12	118
132	174	300	265	230	4	15	M12	691
160M	218	350	300	250	4	19	M16	234
160	239	350	300	250	4	19	M16	213
180M	245	350	300	250	4	19	M16	229
180	263	350	300	250	4	19	M16	213
200M	265	400	350	300	4	19	M16	289
200	283	400	350	300	4	19	M16	270
225	292	450	400	350	8	19	M16	436
250	372	550	500	450	8	19	M16	849
280	443	550	500	450	8	19	M16	828
315S-L	465	660	600	550	8	24	M20	1491
315	521	660	600	550	8	24	M20	2035
355	552	800	740	680	8	24	M20	2585

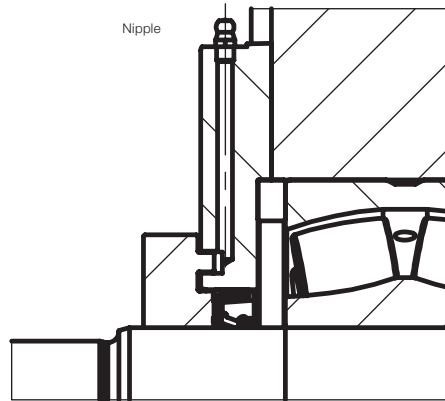
Notes: 1) The motor weight must be linearly decreased as the distance from the center of gravity (z) increases.

2) The weight of the gearbox is based on the motor adapter flange (see pages 172 to 186).

3) The maximum permissible motor weight in the tables above is for 3-stage and 4-stage gearboxes; for 2-stage gearboxes, the maximum permissible motor weight is 15% higher.

Taconite Seal

TACONITE seal is recommended for environments with a high concentration of suspended dust. It has a grease chamber that prevents the ingress of external contaminants into the gearbox. See the figure below for an illustration of this type of seal.



The dimension of the gearbox shaft ends (input and output) does not changed when this accessory is used.
The standard labyrinth seal is already supplied with an initial charge of mineral grease NLGI #2EP, as per the table below.


GREASE	BP	CASTROL	TEXACO	MOBIL	SHELL
MINERAL (standard)	ENERGREASE LS EP2	TRIBOL 3020/1000-2	MULTIFAK EP2	BEACON EP2	ALVANIA EP2
Food grade	-	-	FM EP2	-	-


■ For hazardous areas, consult WEG-CESTARI.

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Subject to modifications without previous notice.
The information contained herein is reference values.