Industrial Motors

Commercial &
Appliance Motors

Automation

Digital &
Systems

Energy

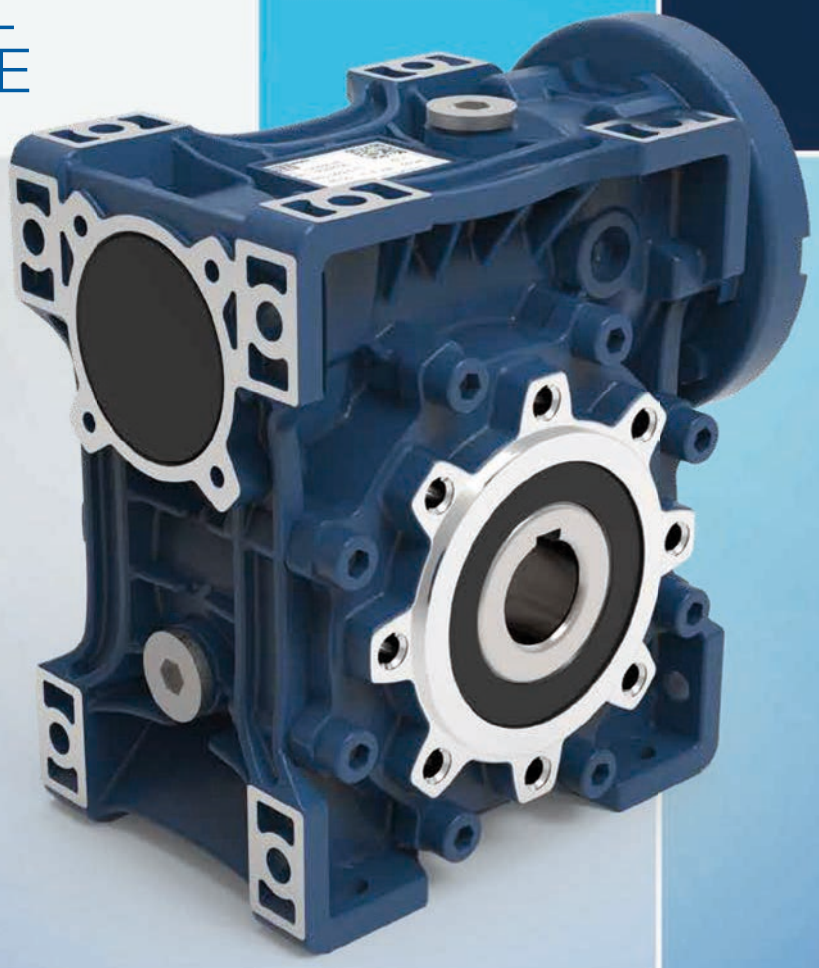
Transmission &
Distribution

Coatings

WG01
WORM GEARS

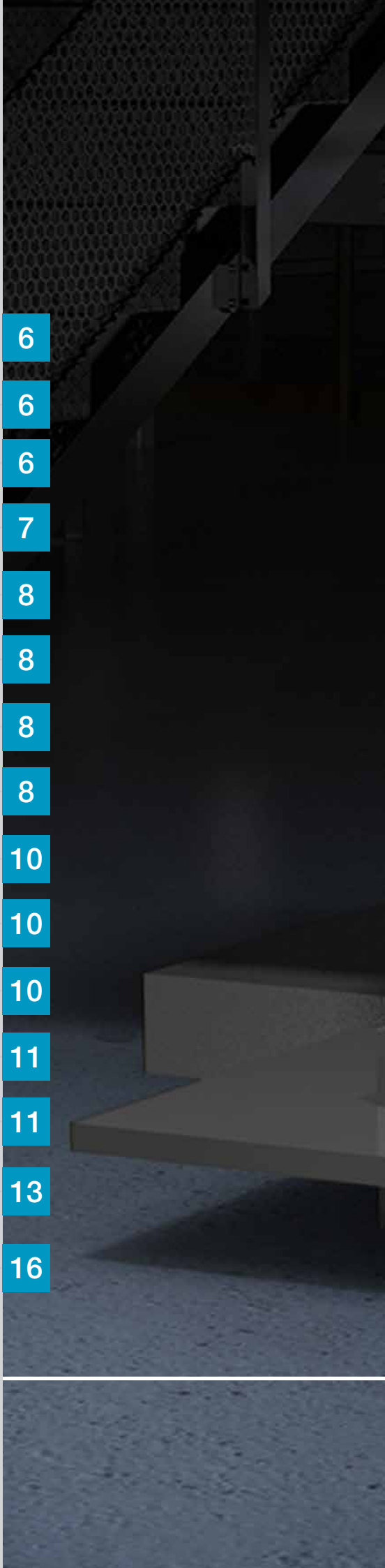
Up to 730 Nm

TECHNICAL CATALOGUE



Driving efficiency and sustainability

CONTENTS



Immediate availability:
because of centralised warehousing and the modular concept.

Modular concept:
in which the hollow shaft design can be supplemented with an output shaft, flange or torque arm.

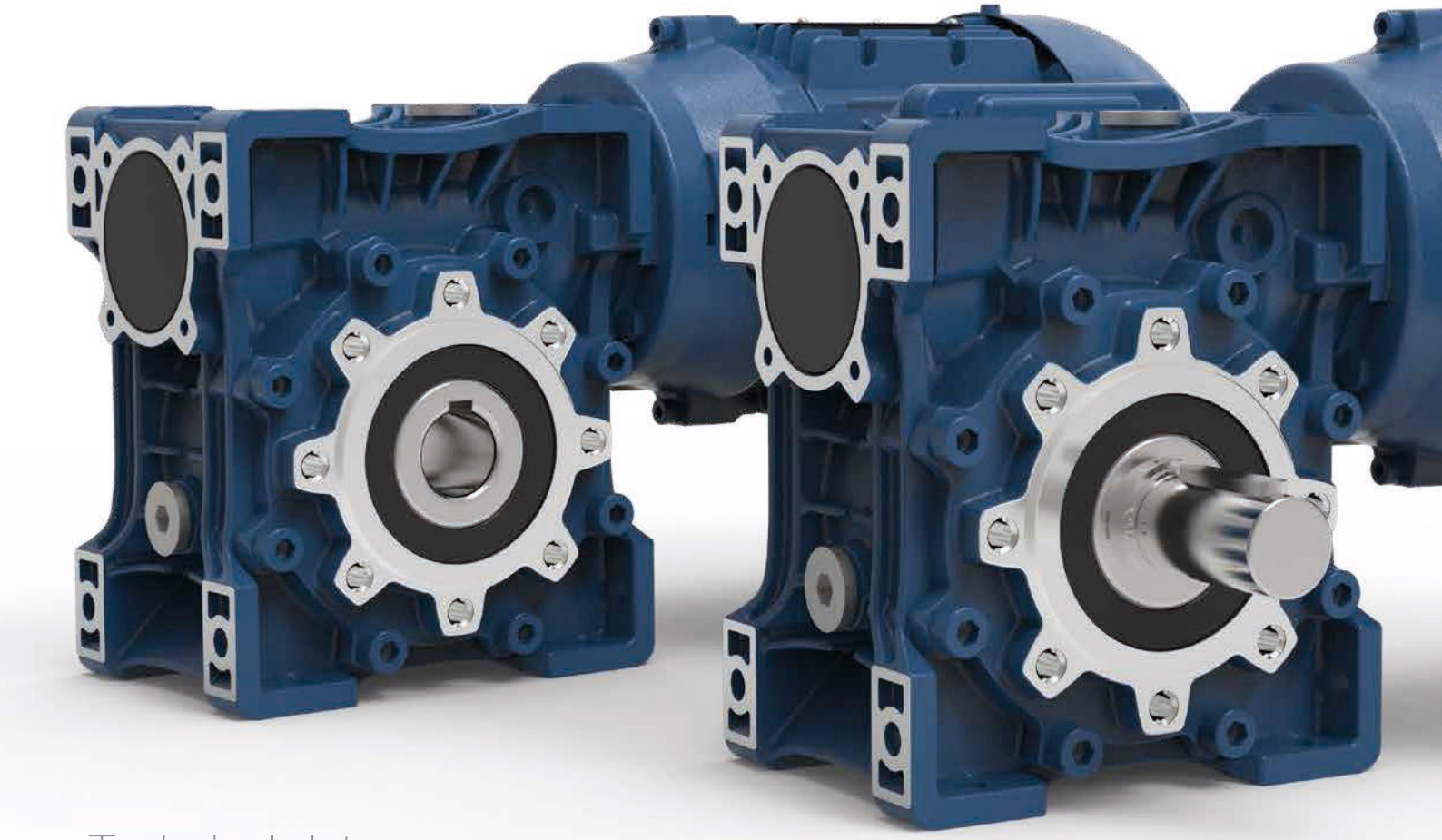
Simple installation:
thanks to market-compliant mounting dimensions and machined surfaces for positioning in all positions.

Versatile in use:
due to the wide ratio range and smart design concept.

WG01

Reliability, modern design and modularity

The WG01 single-stage worm gear units provide a high degree of flexibility. Thanks to their compact design and wide ratio range, they can be used in a variety of drive solutions. Available in - for the time being - 7 sizes, the products in the WG01 series are available in different versions with hollow or output shaft, torque arm or flange and are quickly available worldwide.

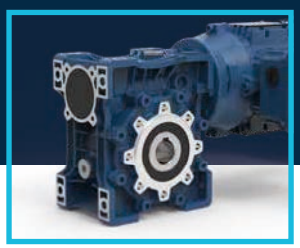


Technical data

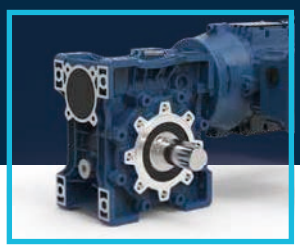
	Nominal torque [Nm]	Input type	Ratio range	Speed range at 1400 rpm 50 Hz [rpm]	Power range 50Hz [kW]	Output shaft/ Ø hollow shaft [mm]	Output flange Ø [mm]	Housing material
W030	20	B14	7.50 - 60.00	23 - 187	0.12 - 0.18	14 x 30 / 14	80	Aluminium
W040	44	B14	7.50 - 100.00	14 - 187	0.12 - 0.37	18 x 40 / 18	110	
W050	83	B14	7.50 - 100.00	14 - 187	0.12 - 0.75	25 x 50 / 25	125	
W063	164	B5 / B14	5.00 - 100.00	14 - 280	0.25 - 1.5	25 x 50 / 25	180	
W075	233	B5 / B14	7.50 - 100.00	14 - 187	0.55 - 3.0	28 x 60 / 28	200	
W090	415	B5 / B14	7.50 - 100.00	14 - 187	0.55 - 4.0	35 x 80 / 35	210	
W110	727	B5 / B14	7.50 - 100.00	14 - 187	1.1 - 7.5	42 x 80 / 42	280	Cast iron

Design versions

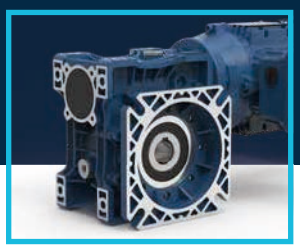
Hollow shaft



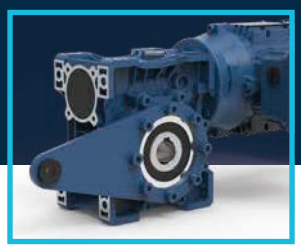
Output shaft



Flange



Torque arm

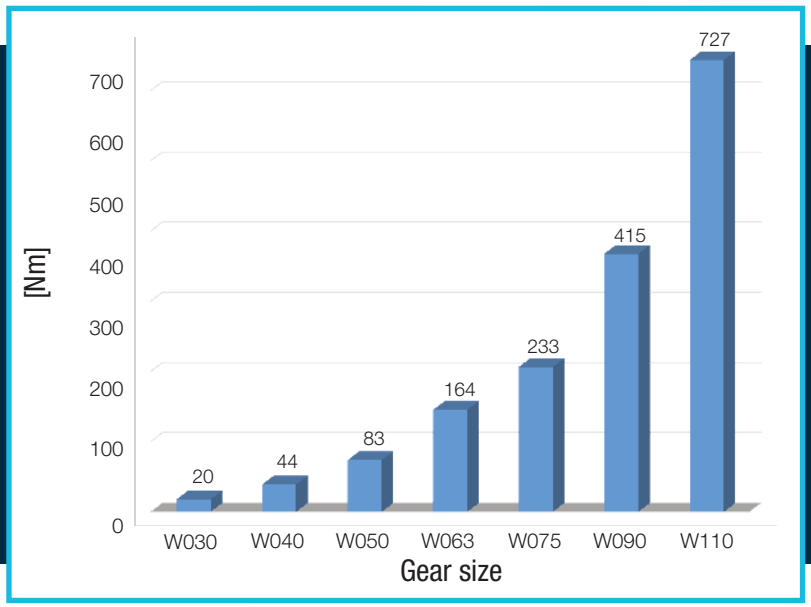


Easy motor mounting

A B14 or B5 adapter can be used to mount not only the numerous energy-efficient motors from the WEG portfolio, but also all other IEC standard motors.

Typical areas of application

Single-stage worm gear units are mainly used where goods or products have to be transported or moved, for example in intralogistics (parcel conveyor belt), in industrial production lines (e.g. food industry), in agriculture (automatic feeding systems), heating technology (screw conveyors) or also in turning devices for aligning the panels of PV systems.



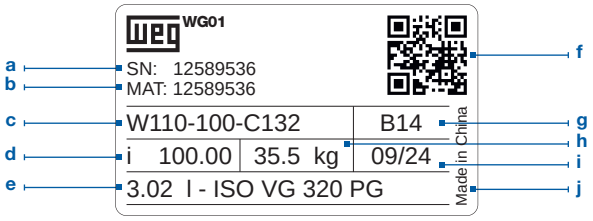
FOR EASY PRODUCT SELECTION
use the online product configuration tool “cat4CAD“ at **www.cat4cad.com**

General information

1. Technical data

Size		W030	W040	W050	W063	W075	W090	W110
Power [kW]		0.12 - 0.18	0.12 - 0.37	0.12 - 0.75	0.25 - 1.5	0.55 - 3.0	0.55 - 4.0	1.1 - 7.5
Torque [Nm]		20	44	83	164	233	415	727
Ratio		7.5 - 80.0	7.5 - 100.0	7.5 - 100.0	5.0 - 100.0	7.5 - 100.0	7.5 - 100.0	7.5 - 100.0
Number of stages		1	1	1	1	1	1	1
Housing material		aluminium						cast iron
Hollow shaft	Type	with key acc. to DIN 6885.1						
	Tolerance	F7						
	Material	Sphäroguss EN-GJS-450-10						
Solid shaft	Type	insert shaft with key as per DIN 6885.1 and centering thread / single and double						
	Tolerance	h6						
	Material	steel C45						
Flanges	Tolerance	pilot H8						
	Material	aluminium						cast iron
Shaft seals	Type	type AS acc. to DIN 3760						
	Material	standard NBR						
Lubricants	Type	standard CLP PG 320						
	Quantity [l]	0.04	0.08	0.15	0.30	0.58	1.02	3.02

2. Nameplate



a	Serial number	f	QR code with online link to additional product information
b	Material number	g	Motor input
c	Type code	h	Weight
d	Gear ratio	i	Production date
e	Quantity and type of lubricant	j	Country of origin

3. Type code

W075-060-C80

1 3 4 5 6

WH075-C-3C 100L-04E-...

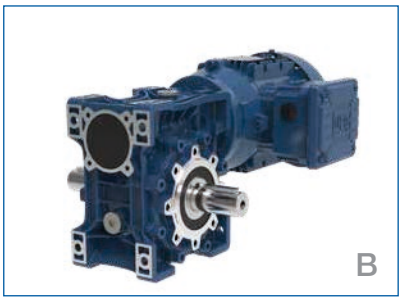
1 2 3 5 7 8 9 10 11

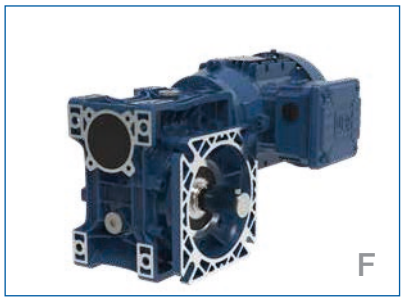
1	Type:	W = Worm gear unit
2	Design:	B = Output shaft on both sides F = Flange with output shaft H = Hollow shaft O = Flange with hollow shaft S = Output shaft T = Hollow shaft with torque arm The standard version of the gear unit is with hollow shaft. If supplied without a motor, the output shaft, output flange and torque support are supplied unassembled, depending on the order.
3	Size:	030 040 050 060 075 090 110
4	Ratio:	007 010 015 020 025 030 040 050 060 080 100
5	Adapter:	C = adapter for IEC motor B14A I = adapter for IEC motor B5
6	Adapter size:	63 71 80 90 100 112 132
7	Motor type:	3C = aluminium motor IE3
8	Motor frame size:	63 71 80 90S/L 100L L100L 112M 132S L132M
9	Number of poles:	04 = 4 poles
10	Power indicator:	E F
11	Motor modules:	see Technical Catalogue of gear line WG20

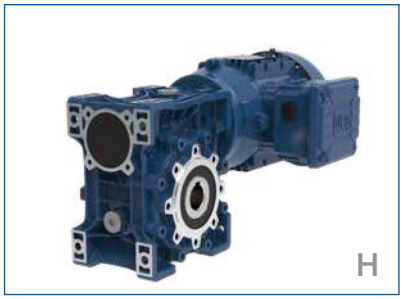
4. Range

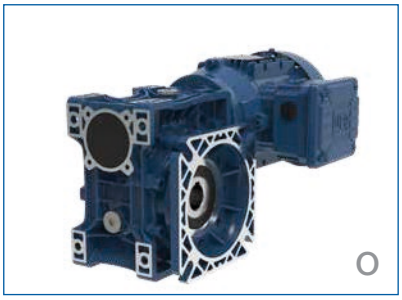
Size	W030	W040	W050	W063	W075	W090	W110
Housing material	aluminium						cast iron

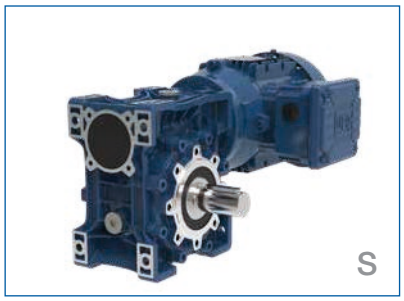
5. Design

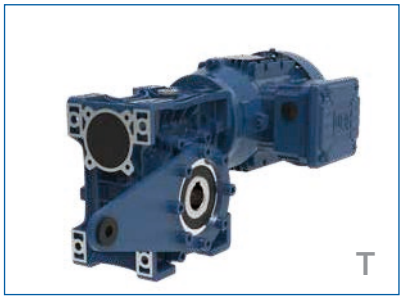












B	Output shaft on both sides (plug-in shaft)
F	Flange with output shaft
H	Hollow shaft

O	Flange with hollow shaft
S	Output shaft (plug-in shaft)
T	Hollow shaft with torque arm

6. Venting the gear unit

WG01 worm gear units of all sizes are not eqipped with venting screws. They are supplied with lifetime-lubrication.

7. Overhung and axial loads

The overhung loads (F_{rN}) indicated in the respective selection tables apply to gear units with the force acting on the shaft center (x=l/2). The permissible overhung loads listed are based on the least favourable loading direction and calculated for standard shafts and standard bearings.
Other load directions and action can be calculated with equations Q1 to Q3. If transmission elements are placed on the output shaft, an appropriate factor (f_z) has to be taken into consideration when determining the overhung load.

Gear wheels	Sprockets		V-belts	Flat belts
				
f_z=1.1 (z≤17)	f_z=1.2 (z≤13)	f_z=1.1 (z>13)	f_z=1.8	f_z=2.5

Use the following equations Q1 and Q2 to calculate the permissible radial loads on the output shaft. Q3 is to calculate the real existing shaft loads for your application. The results are to be compared by using the equation Q4.

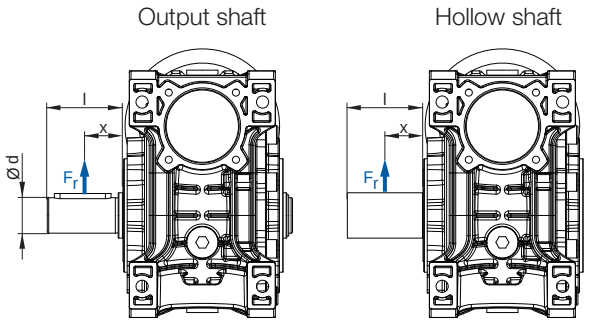
Q1	$F_{zL} = F_{rN} \cdot a_1$
Q2	$F_{zW} = F_W \cdot a_2$
Q3	$F_{Qvorh} = \frac{2 \cdot M_2}{d_0} \cdot f_z$
Q4	$F_{Qvorh} \leq F_{zL}$
	$F_{Qvorh} \leq F_{zW}$

Bezeichnung	Einheit	Erklärung
a_1		Load action factor - output shaft bearing from Table 1
a_2		Load action factor - output shaft from Table 1
d_0	[m]	Effective diameter of the transmission element
M_2	[Nm]	Geared motor output torque (from selection tables) or required calculated output torque
F_{zL}	[N]	Permissible overhung load for output shaft bearings
F_{zW}	[N]	Permissible overhung load for output shaft
F_{rN}	[N]	Permissible overhung load from selection tables
F_W	[N]	Permissible overhung load - Output shaft x=l/2 from Table 2
F_{Qvorh}	[N]	Existing overhung load at gear shaft
f_z		Factor for transmission element
M_{max}	[Nm]	Highest possible output torque for coupling operation (Table 2)

Always use both equations Q1 and Q2 for your calculations.

x / l						
0	0.25	0.5	0.75	1	1.5	2
$a_1 \rightarrow$ Equation Q1						
1.39	1.18	1.00	0.85	0.73	0.52	0.38
$a_2 \rightarrow$ Equation Q2						
2.00	2.00	1.00	0.55	0.38	0.23	0.17

Tabelle 1: Load action factors a_1, a_2



Intermediate values can be interpolated linearly. Combined load ($F_r \neq 0$; $F_a = 0$) on request.

Output shaft [mm]		M_{max} at $F_r = 0$	Output torque M_2 [Nm]						
			20	44	83	164	233	415	727
Ø d	l		F_W [kN] at x/l = 0.5 → Equation Q2						
14	30	50	1.5						
18	40	110		2.1					
25	50	300			5.7	5.2			
28	60	410					5.3		
35	80	800						8.7	
42	80	1360							14.1

Tabelle 2: Permissible overhung load - output shaft x = l/2

The axial loads (F_{aN}) for the respective execution (output shaft or hollow shaft), given in the selection tables (page 13), are valid at radial force $F_{rN} = 0$. If there are axial loads or radial and axial components acting on the drive which are extraordinarily high, we recommend to contact the manufacturer.

8. Permissbile thermal power loss

The thermal power limit P_t must always be taken into account when designing a drive. It represents the maximum input power which can be transmitted by the gear unit at the given ambient temperature in a continuous operation mode (S1).

The technical data of the geared motors shown in the selection tables apply to an ambient temperature of +20 °C. Thermal power limits for other temperatures can be seen in the table below.

Parameters to be considered:

- Higher / lower temperatures
- Vertical mounting positions (M2 or M4)
- Higher speed (> 1800 min^{-1}) due to e.g. use of frequency inverter
- Small ratios
- Little mounting space

The thermal power limit is calculated from the permissible thermal power loss using the following formula:

$$P_t = \frac{P_V}{1 - \frac{\eta}{100}}$$

Designation	Unit	Description
P_t	[kW]	Thermal power limit
P_v	[kW]	Permissible thermal power loss (see table)
η	[%]	Efficiency of the gear unit (see from page 13)

Gear unit size	Ambient temperature								
	-20 °C	-10 °C	0 °C	+10 °C	+20 °C	+30 °C	+40 °C	+50 °C	+60 °C
W030	0.12	0.11	0.09	0.08	0.07	0.06	0.05	0.04	0.02
W040	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.06	0.04
W050	0.30	0.27	0.24	0.21	0.18	0.15	0.12	0.09	0.06
W063	0.45	0.41	0.36	0.32	0.27	0.23	0.18	0.14	0.09
W075	0.85	0.77	0.68	0.60	0.51	0.43	0.34	0.26	0.17
W090	1.22	1.10	0.97	0.85	0.73	0.61	0.49	0.37	0.24
W110	1.83	1.65	1.47	1.28	1.10	0.92	0.73	0.55	0.37

Permissible thermal power loss P_V

9. Lubrication

For WG01 gear units, synthetic oil of viscosity ISO VG 320 PG is used as standard.

Oil quantity *							
Size	W030	W040	W050	W063	W075	W090	W110
Quantity [l]	0.04	0.08	0.15	0.30	0.58	1.02	3.02

** regardless of the mounting position*

10. Painting

Standard colour of the gear unit: RAL 5009

Painting system	Application	Layering	NDFT Nominal dry film thickness	Temperature range	Corrosion category DIN EN ISO 12944-5
LC1 (Standard)	Indoor installation, neutral atmosphere	Dip primer Varnish (1K-AY-PUR)	40 µm	-40 °C - +120 °C	C1

11. Efficiency rating

Our helical worm gear units achieve efficiency ratings of up to 90 %.
With new gear units, the worm gear set has to run in, the friction is initially higher than after running in. The efficiency before running-in is therefore lower than it will be afterwards. This effect increases with smaller lead angles, i.e. with larger gear reductions. The calculated efficiency rating given in the catalogue can therefore only serve as a guide value. If efficiency and selflocking are particularly crucial to the function of your application, the manufacturer should be consulted, stating all relevant operational constraints.

A reduction in efficiency during the running-in phase from 3 % (low ratio = 5 to 10) up to 12 % (high ratio = 60 to 100) is to be expected.

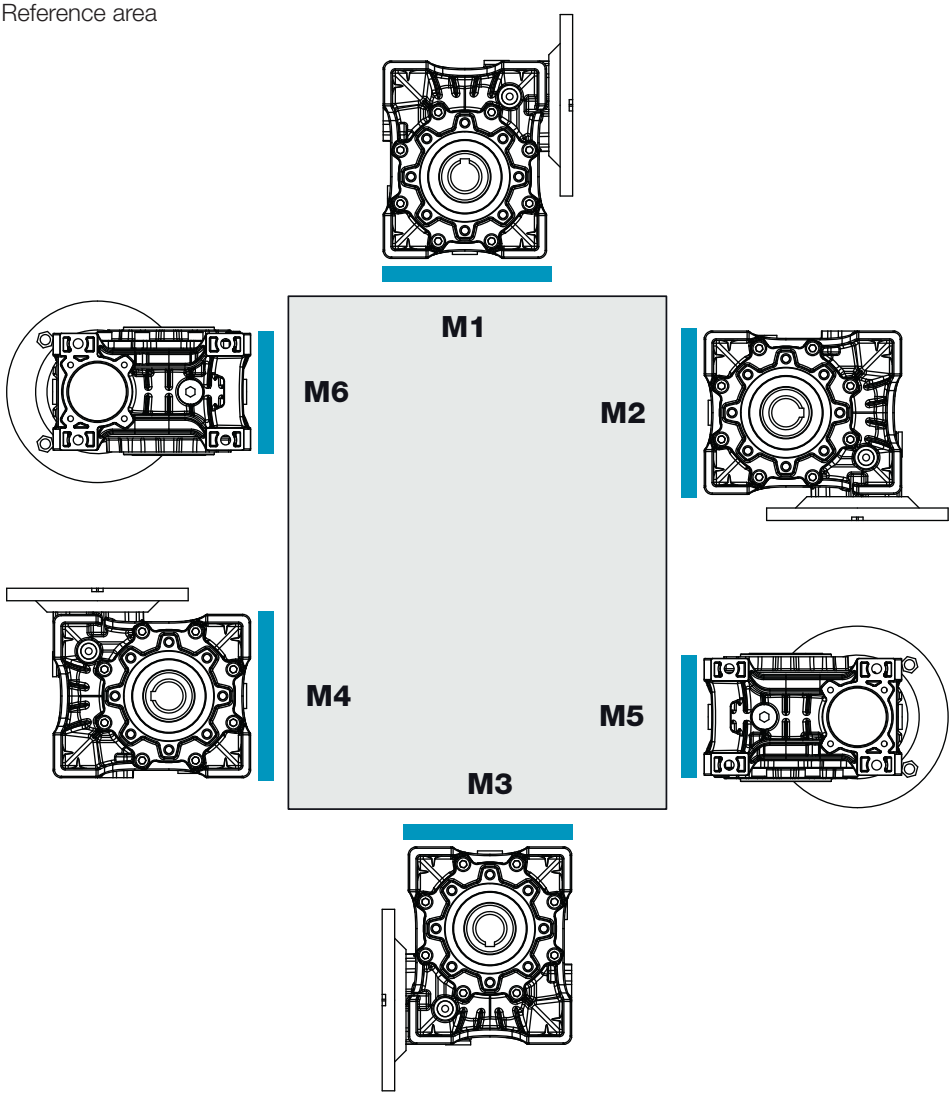
The gear unit is completely run in after about 24 hours of rated operation. To achieve the values given in the tables (see from page 13) it is important to fulfil the following requirements:

- Gear unit completely run in
- Steady-state temperature reached
- Lubricant in accordance with the stated specifications
- Operation of the gear unit at rated torque

The maximum surface temperature of the housing should not exceed 80 °C.

12. Mounting positions

Reference area



WEGmotion Drives

From motors, drives and gears to an **integrated motion package.**

Industry is always on the move. And WEG doesn't stop evolving. Thinking on this, we developed WEGmotion Drives, an integrated and flexible package that combines motors, gear units, drives and digital solutions to improve productivity of your manufacturing plant. Do you know what that means? It means reliability, better control of machines and equipment, more intelligence in operational processes and more efficiency for your industry. It is WEG's partnership getting you ready today for tomorrow's challenge.

WEGmotion Drives

Driving efficiency and sustainability

weg

Selection tables - Gear units

Structure of the selection tables

1	2	3	4	5	6	7	8	9						
Type	$i_{ges.}$	M_{2max}	n_4	η_4	i_{exakt}	n_{1max}	Weight	IEC adapter						
		[Nm]	[min^{-1}]			[min^{-1}]	[kg]	63	71	80	90	100	112	132
W030														
1 stage 10														
n_1=1400 min^{-1} 11														
Maximum torque 20 Nm 12														

1 Type of gear

2 Total ratio

3 Permissible output torque at Si operation (f_B = 1.0)

4 Output speed (gear unit) at n_4 = 1400 min^{-1}

5 Efficiency (gear unit) at n_4 = 1400 min^{-1}

6 Exact mathematical ratio

7 Maximum permissible input speed gear unit
Maximum permissible input speed IEC adapter: I63 - I132 / C63 - C132 = 3000 min^{-1}
Higher motor speed on request

8 Weight

9 Possible IEC adapter sizes B14/B5

10 Number of gear stages

11 Motor speed n_4 (4 poles)

12 Maximum torque

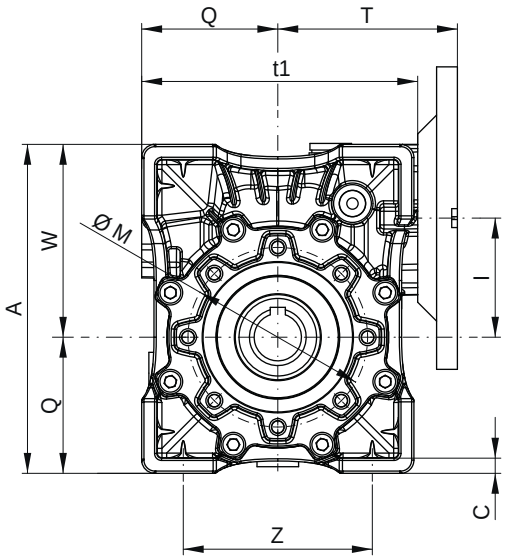
Type	$i_{ges,}$	M_{2max}	n_4	η_4	i_{exakt}	n_{1max}	Weight	IEC adapter						
		[Nm]	[min^{-1}]			[min^{-1}]	[kg]	63	71	80	90	100	112	132
W030	60.00	16	23	49%	60/1	3000	1.2	C						
	50.00	17	28	59%	50/1	3000	1.2	C						
1 stage	40.00	18	35	58%	40/1	3000	1.2	C						
	30.00	20	47	64%	30/1	3000	1.2	C						
n_1=1400 min^{-1}	25.00	20	56	68%	25/1	3000	1.2	C						
	20.00	18	70	73%	20/1	3000	1.2	C						
Maximum torque 20 Nm	15.00	18	93	77%	15/1	3000	1.2	C						
	10.00	18	140	82%	10/1	3000	1.2	C						
	7.50	18	187	84%	15/2	3000	1.2	C						
W040	100.00	29	14	47%	100/1	3000	2.3	C						
	80.00	33	18	47%	80/1	3000	2.3	C						
	60.00	35	23	57%	60/1	3000	2.3	C						
1 stage	50.00	37	28	60%	50/1	3000	2.3	C						
	40.00	41	35	65%	40/1	3000	2.3	C	C					
n_1=1400 min^{-1}	30.00	44	47	72%	30/1	3000	2.3	C	C					
	25.00	38	56	74%	25/1	3000	2.3	C	C					
Maximum torque 44 Nm	20.00	39	70	79%	20/1	3000	2.3	C	C					
	15.00	39	93	83%	15/1	3000	2.3	C	C					
	10.00	40	140	85%	10/1	3000	2.3		C					
	7.50	40	187	87%	15/2	3000	2.3		C					
W050	100.00	52	14	42%	100/1	3000	3.5	C						
	80.00	64	18	56%	80/1	3000	3.5	C	C					
	60.00	68	23	57%	60/1	3000	3.5	C	C					
1 stage	50.00	73	28	63%	50/1	3000	3.5	C	C					
	40.00	77	35	69%	40/1	3000	3.5	C	C					
n_1=1400 min^{-1}	30.00	83	47	74%	30/1	3000	3.5	C	C	C				
	25.00	69	56	76%	25/1	3000	3.5	C	C	C				
Maximum torque 83 Nm	20.00	72	70	80%	20/1	3000	3.5		C	C				
	15.00	73	93	84%	15/1	3000	3.5		C	C				
	10.00	70	140	87%	10/1	3000	3.5			C				
	7.50	71	187	88%	15/2	3000	3.5			C				
W063	100.00	118	14	56%	100/1	3000	5.5							
	80.00	119	18	61%	80/1	3000	5.5							
	60.00	130	23	66%	60/1	3000	5.5							
	50.00	133	28	70%	50/1	3000	5.5							
1 stage	40.00	143	35	72%	40/1	3000	5.5							
	30.00	164	47	77%	30/1	3000	5.5							
n_1=1400 min^{-1}	25.00	131	56	80%	25/1	3000	5.5							
	20.00	131	70	84%	20/1	3000	5.5							
Maximum torque 164 Nm	15.00	134	93	86%	15/1	3000	5.5							
	10.00	129	140	88%	10/1	3000	5.5							
	7.50	126	187	90%	15/2	3000	5.5							
	5.00	115	280	91%	5/1	3000	5.5							
W075	100.00	180	14	57%	100/1	3000	8.1							
	80.00	187	18	62%	80/1	3000	8.1							
	60.00	197	23	68%	60/1	3000	8.1							
	50.00	206	28	74%	50/1	3000	8.1							
1 stage	40.00	216	35	75%	40/1	3000	8.1							
	30.00	233	47	78%	30/1	3000	8.1							
n_1=1400 min^{-1}	25.00	202	56	80%	25/1	3000	8.1							
	20.00	210	70	84%	20/1	3000	8.1							
Maximum torque 233 Nm	15.00	198	93	87%	15/1	3000	8.1							
	10.00	190	140	88%	10/1	3000	8.1							
	7.50	185	187	90%	15/2	3000	8.1							

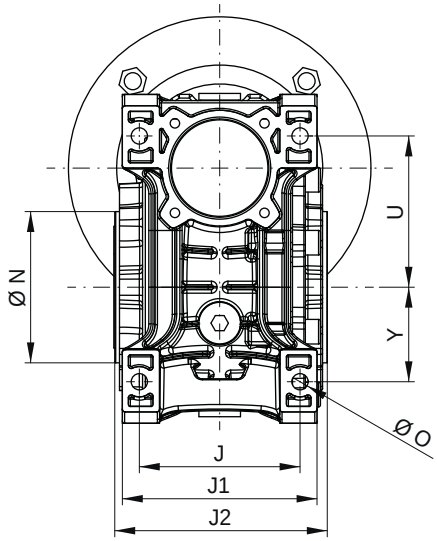
C = nur B14-Adapter möglich

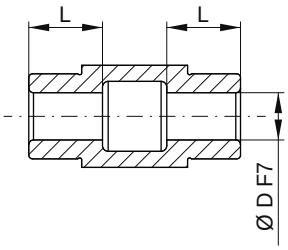
Type	$i_{ges,}$	M_{2max}	n_4	η_4	i_{exakt}	n_{1max}	Weight	IEC adapter						
		[Nm]	[min^{-1}]			[min^{-1}]	[kg]	63	71	80	90	100	112	132
W090	100.00	270	14	60%	100/1	3000	11.8							
	80.00	285	18	65%	80/1	3000	11.8							
	60.00	307	23	71%	60/1	3000	11.8							
1 stage	50.00	339	28	75%	50/1	3000	11.8							
	40.00	363	35	77%	40/1	3000	11.8							
n_1=1400 min^{-1}	30.00	415	47	80%	30/1	3000	11.8							
	25.00	332	56	84%	25/1	3000	11.8							
Maximum torque 415 Nm	20.00	351	70	86%	20/1	3000	11.8							
	15.00	357	93	87%	15/1	3000	11.8							
	10.00	306	140	90%	10/1	3000	11.8							
	7.50	287	187	91%	15/2	3000	11.8							
W110	100.00	473	14	63%	100/1	3000	35.5							
	80.00	512	18	69%	80/1	3000	35.5							
	60.00	620	23	75%	60/1	3000	35.5							
1 stage	50.00	656	28	77%	50/1	3000	35.5							
	40.00	693	35	80%	40/1	3000	35.5							
n_1=1400 min^{-1}	30.00	727	47	81%	30/1	3000	35.5							
	25.00	665	56	86%	25/1	3000	35.5							
Maximum torque 727 Nm	20.00	649	70	87%	20/1	3000	35.5							
	15.00	660	93	88%	15/1	3000	35.5							
	10.00	588	140	89%	10/1	3000	35.5							
	7.50	546	187	90%	15/2	3000	35.5							

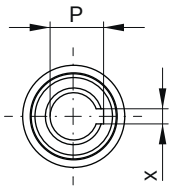
Dimension sheets

Hollow shaft







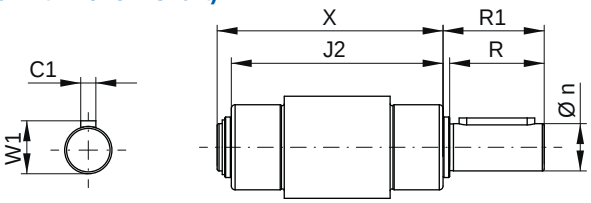


Gear size	A	C	D (F7)	I	J	J1	J2	L	ØM	ØN (H8)
W030	97	5.5	14	30	44	56	63	21	65	55
W040	121.5	6.5	18	40	60	71	78	26	75	60
W050	144	7	25	50	70	85	92	30	85	70
W063	174	8	25	63	85	103	112	36	95	80
W075	205	10	28	75	90	112	120	40	115	95
W090	238	11	35	90	100	130	140	45	130	110
W110	295	14	42	110	115	144	155	50	165	130

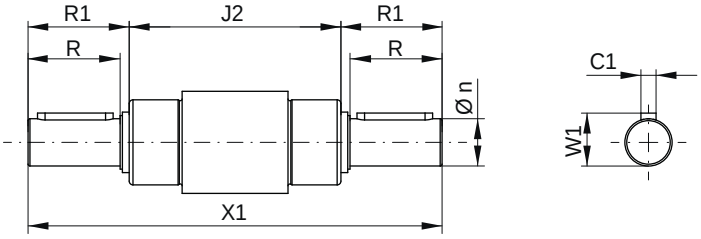
Gear size	ØO	P	Q	T	U	W	Y	Z	t1	x
W030	6.6	16.3	40	55	44	57	27	54	80	5
W040	6.6	20.8	50	70	55.25	71.5	35.5	70	100	6
W050	8.5	28.3	60	80	64	84	40	80	121	8
W063	8.5	28.3	72	95	80	102	50	100	146	8
W075	11	31.3	86	112.5	93	119	60	120	174	8
W090	13	38.3	103	129.5	102	135	70	140	208	10
W110	14	45.3	127.5	160	125	167.5	85	170	252.5	12

All measurements in mm

Output shaft
(plug-in shaft pictured with hollow shaft)

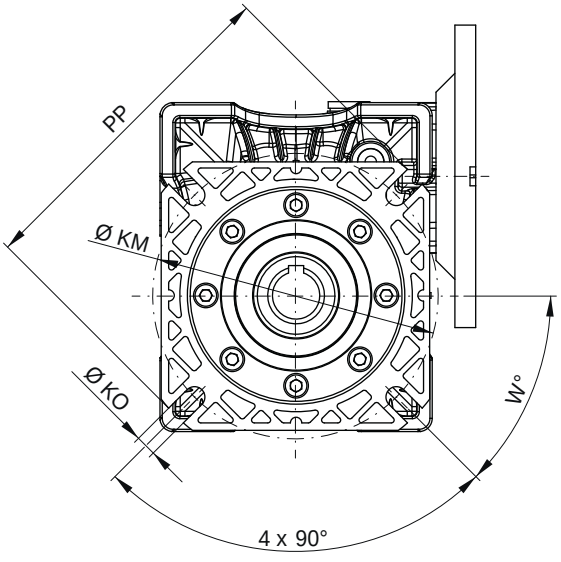


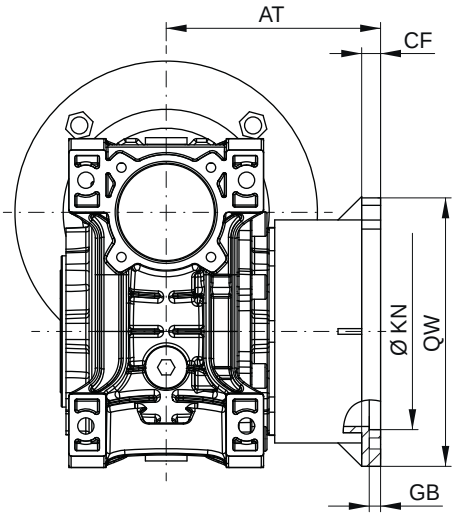
Output shaft on both sides
(plug-in shafts pictured with hollow shaft)



Gear size	C1	J2	R	R1	W1	X	X1	n
W030	5	63	30	32.5	16	102	128	M6
W040	6	78	40	43.0	20.5	128	164	M6
W050	8	92	50	53.5	28	153	199	M10
W063	8	112	50	53.5	28	173	219	M10
W075	8	120	60	63.5	31	192	247	M10
W090	10	140	80	84.5	38	234	309	M12
W110	12	155	80	84.5	45	249	324	M16

Output flange

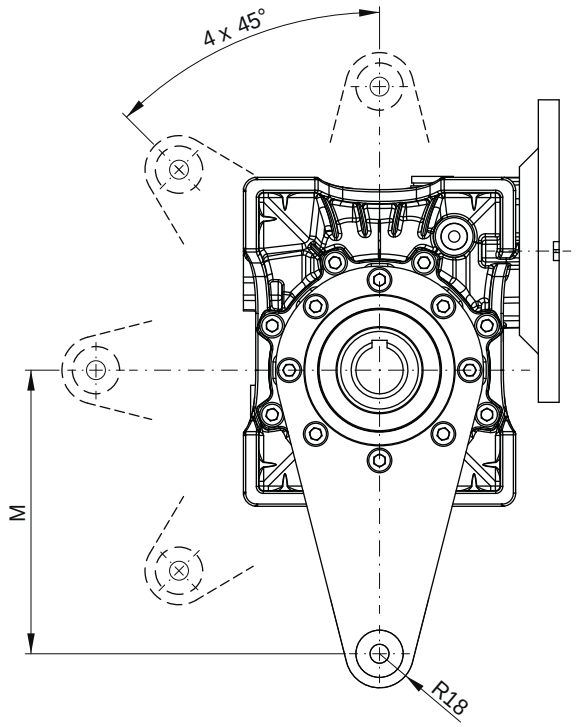


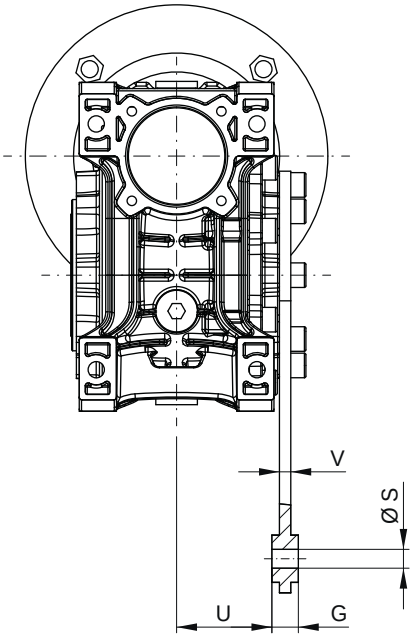


Gear size	AT	CF	GB	KM	KN (H8)	ØKO	PP	QW	W°
W030	54.5	6	4	68	50	6.5	80	70	45°C
W040	67/97*	7.5	4	75	60	9	110	95	45°C
W050	90/120*	9	5	85	70	11	125	110	45°C
W063	82/112*	10	6	150	115	11	180	142	45°C
W075	111	13	6	165	130	14	200	170	45°C
W090	111	13	6	175	152	14	210	200	45°C
W110	131	15	6	230	170	14	280	260	45°C

** 2 flange sizes available*

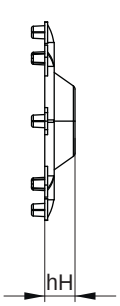
Torque arm

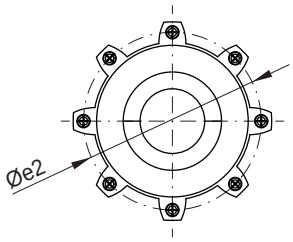




Gear size	G	M	U	S	T	V	W°
W030	14	85	24.0	8	15	4	45°
W040	14	100	31.5	10	18	4	45°
W050	14	100	38.5	10	18	4	45°
W063	14	150	49.0	10	18	6	45°
W075	25	200	47.5	20	30	6	45°
W090	25	200	57.5	20	30	6	45°
W110	30	250	62.0	25	35	6	45°

Hollow shaft protection cap

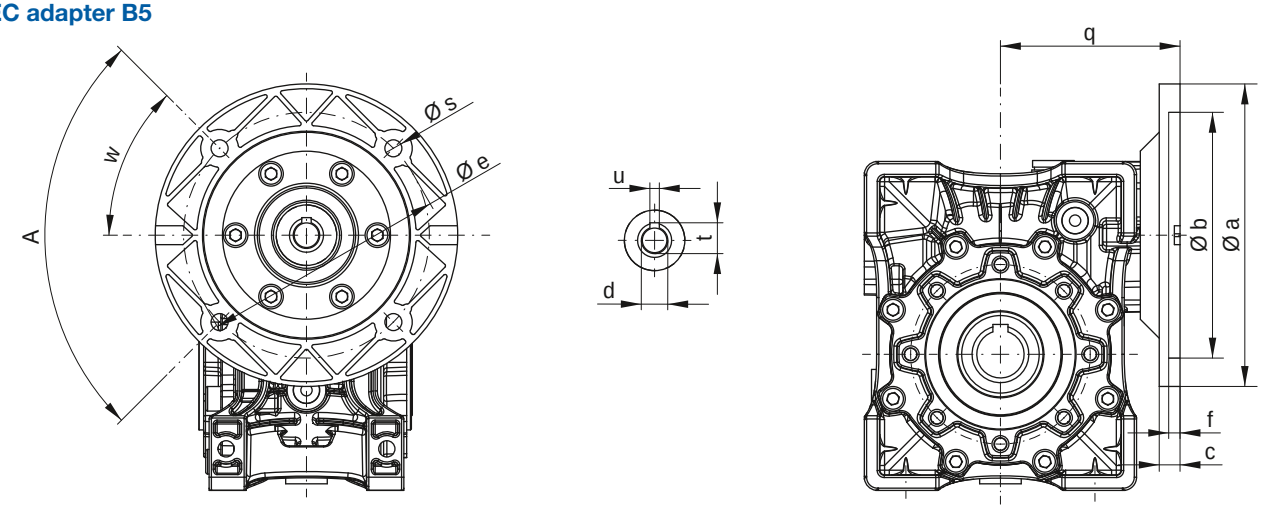




Gear size	hH	e2
W030	14	65
W040	15	75
W050	14	85
W063	16	94
W075	17	115
W090	21	130
W110	18	164

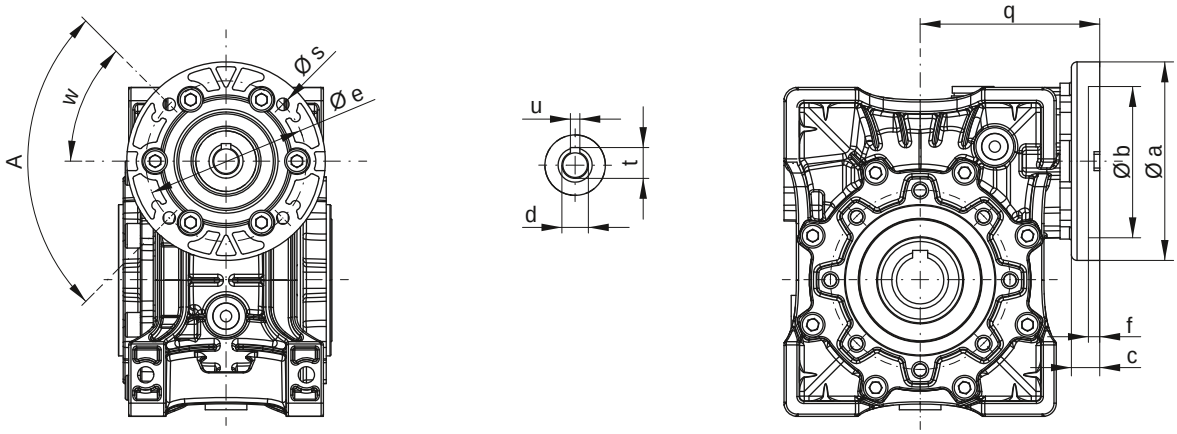
All measurements in mm

IEC adapter B5



Gear size	Adapter size	A	W	a	b	c	d	e	f	q	s	t	u
W063	I71	90	45	160	110	11	14	130	7	95	9	16.3	5
	I80	90	45	200	130	11.5	19	165	7	95	9	21.8	6
	I90	90	45	200	130	11.5	24	165	7	95	9	27.3	8
W075	I80	90	45	200	130	13.5	19	165	11	112.5	9	21.8	6
	I90	90	45	200	130	13.5	24	165	11	112.5	9	27.3	8
	I100	90	45	250	180	13.5	28	215	11	112.5	9	31.3	8
W090	I80	90	45	200	130	11	19	165	11	129.5	9	21.8	6
	I90	90	45	200	130	11	24	165	11	129.5	9	27.3	8
	I100	90	45	250	180	11	28	215	11	129.5	9	31.3	8
W110	I90	90	45	200	130	11	24	165	11	160	11	27.3	8
	I100	90	45	250	180	12	28	215	11	160	11	31.3	8
	I132	90	45	300	230	15	38	265	11	161	11	41.3	10

IEC adapter B14A



Gear size	Adapter size	A	W	a	b	c	d	e	f	q	s	t	u
W030	C63	90	45	90	60	3	11	75	6	55	5.5	12.8	4
W040	C63	90	45	90	60	6	11	75	8.5	70	6.6	12.8	4
	C71	90	45	105	70	6	14	85	8.5	70	6.6	16.3	5
W050	C63	90	45	90	60	10	11	75	6	80	6.6	12.8	4
	C71	90	45	105	70	10	14	85	6	80	6.6	16.3	5
	C80	90	45	120	80	10	19	100	6	80	6.6	21.8	6
W063	C71	90	45	105	60	15	14	85	7	95	9	16.3	5
	C80	90	45	120	70	10	19	100	7	95	9	21.8	6
	C90	90	45	140	95	10	24	115	7	95	9	27.3	8
W075	C80	90	45	120	80	11	19	100	11	112.5	9	21.8	6
	C90	90	45	140	95	13.5	24	115	11	112.5	9	27.3	8
	C100	90	45	160	110	13.5	28	130	11	112.5	9	31.3	8
W090	C80	90	45	120	80	11	19	100	11	129.5	9	21.8	6
	C90	90	45	140	95	11	24	115	11	129.5	9	27.3	8
	C100	90	45	160	110	11	28	130	11	129.5	9	31.3	8
W110	C90	90	45	140	95	11	24	115	11	149	11	27.3	8
	C100	90	45	160	110	11	28	130	11	160	11	31.3	8
	C132	90	45	200	130	11	38	165	11	160	11	41.3	10

The scope of solutions of the WEG Group is not limited to the products and solutions presented in this brochure.
Please contact us to learn more about our entire portfolio.

For our worldwide operations visit our website

www.weg.net

+43 (0)2633 404-0

info-at@weg.net

WEG Gear Systems GmbH
Wöllersdorfer Strasse 68 - 2753 Markt Piesting
Austria

Cod: 50148448 | Rev: 00 | Date (m/y): 04/2025.