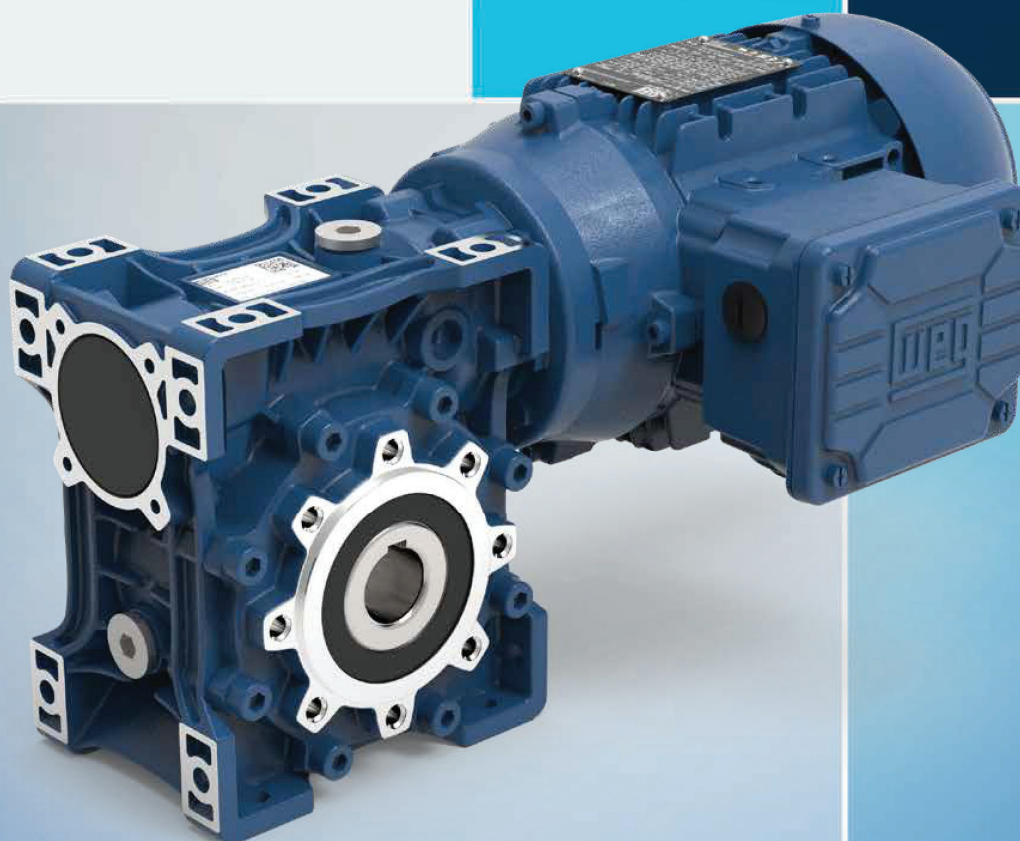


# WG01

## GEARED MOTORS

**Single-Stage Worm  
Geared Motors**  
up to 730 Nm



### Industrial Motors

Commercial &  
Appliance Motors

Automation

Digital &  
Systems

Energy

Transmission &  
Distribution

Coatings

Driving efficiency and sustainability



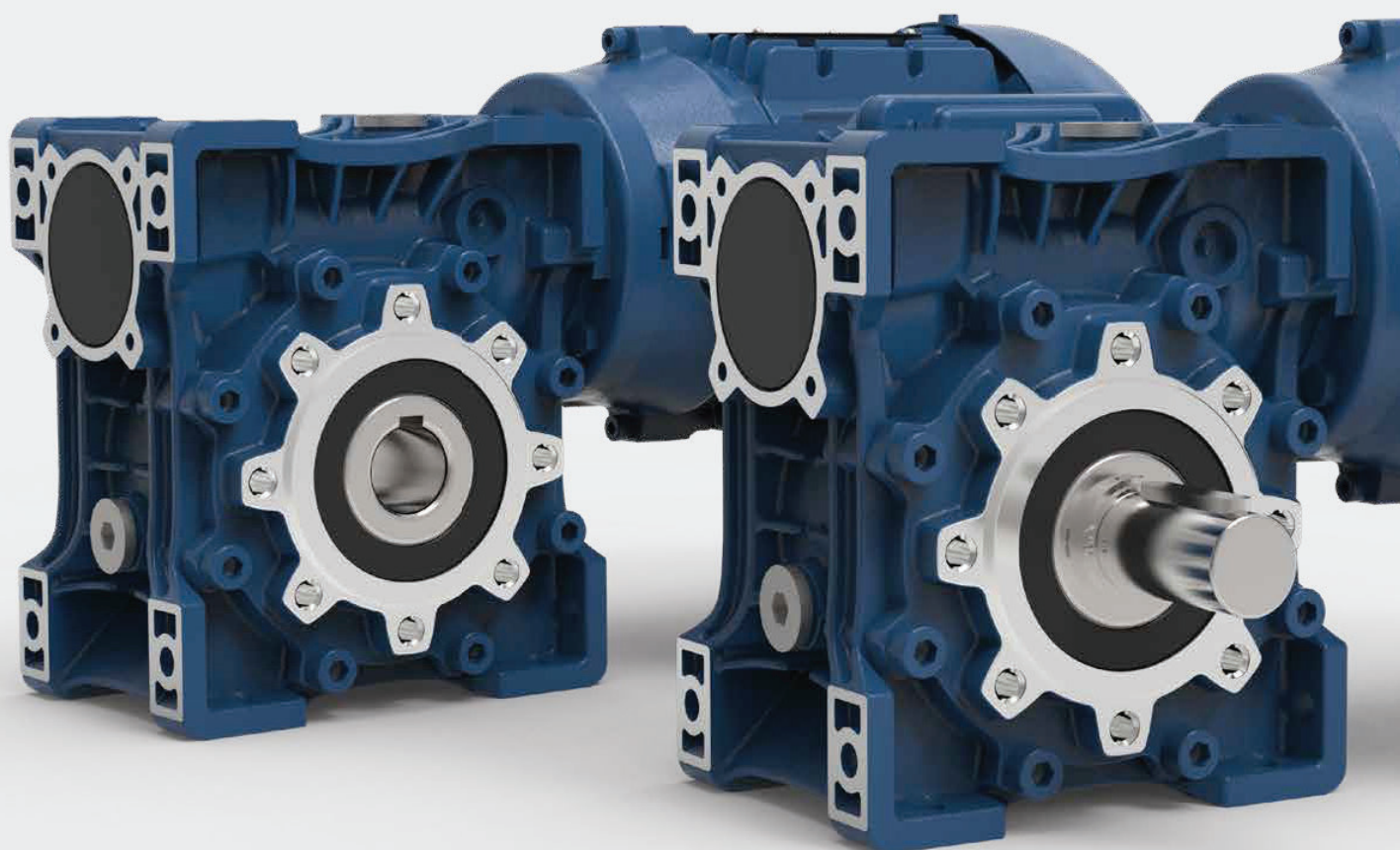
**BIBUS**

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# 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.

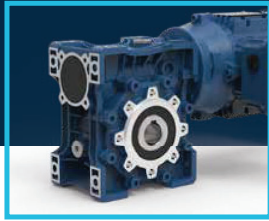


### Technical data

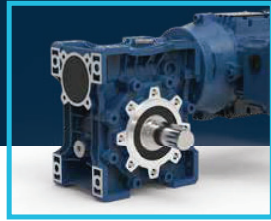
	Nominal torque	Input type	Ratio range	Speed range at 1400 rpm 50 Hz	Power range 50Hz	Output shaft/ Ø hollow shaft	Output flange Ø	Housing material
	[Nm]			[rpm]	[kW]	[mm]	[mm]	
W030	20	B14	7.50 - 60.00	23 - 187	0.12 - 0.18	14 x 30 / 14	80	Aluminium
W040	44	B14	7.50 - 100.00	14 - 187	0.12 - 0.37	18 x 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

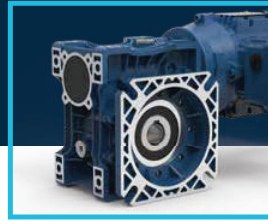
Hollow shaft



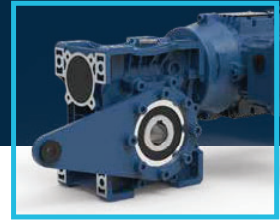
Output shaft



Flange



Torque arm



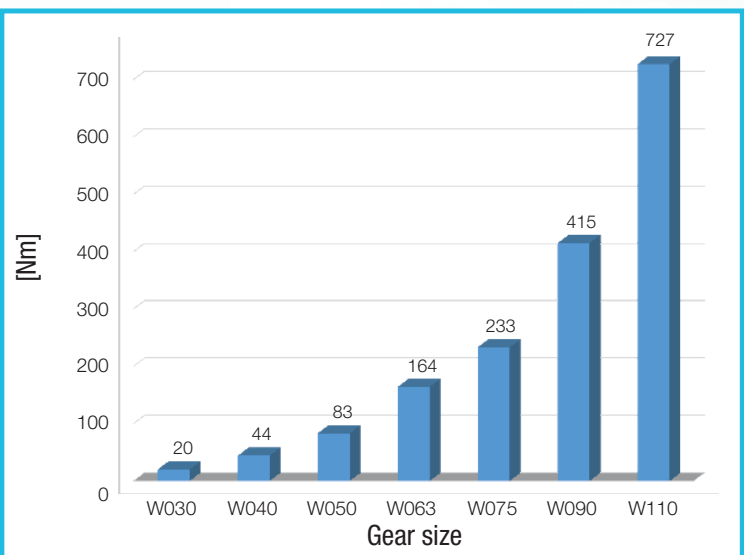
## Easy motor mounting

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](http://www.cat4cad.com)

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](http://www.weg.net)**



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Cod: 50145420 | Rev: 00 | Date (m/y): 02/2025.

The values shown are subject to change without prior notice.