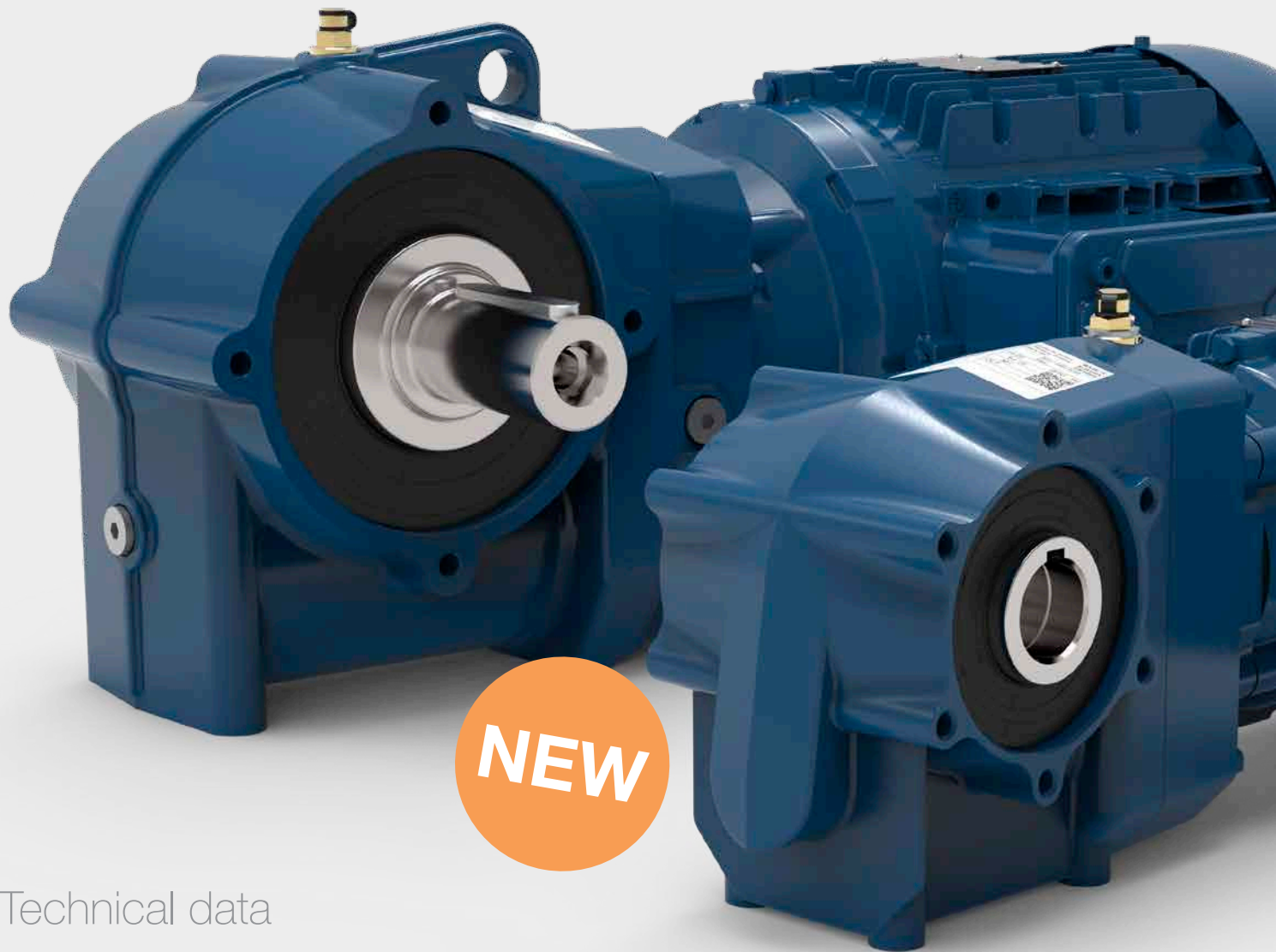


Helical worm geared motors S

WG20-S features a 2-stage design with significantly higher efficiency levels compared to mere worm gear units. The advantages of a right-angle gear unit in combination with numerous output and input variants provide a cost-effective alternative for the end user. Quiet running, overload capacity, compact design and a large speed/reduction range make these geared motors indispensable in modern drive concepts.

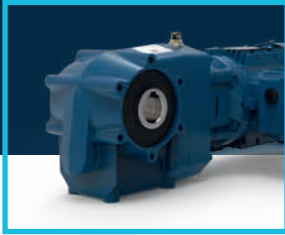


Technical data

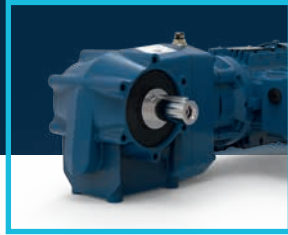
	Nominal torque [Nm]	Number of stages	Ratio range	Speed range at 1400 rpm 50 Hz [rpm]	Power range 50Hz [kW]	Output shaft/ Ø hollow shaft [mm]	Output flange IEC [mm]	Housing material
S03	130	2	5.17 - 275.50	5 - 271	0.12 - 1.5	20 x 40 / 20	120 / 160	Aluminium
S04	230	2	6.92 - 323.70	4 - 202	0.12 - 2.2	25 x 50 / 25, 30	160	
S05	460	2	9.33 - 370.50	4 - 150	0.12 - 3.0	30 x 60 / 30, 35	200	
S06	1000	2	7.07 - 351.00	4 - 198	0.12 - 7.5	35 x 70 40 x 80 / 40, 45	200	Cast iron
S07	1600	2	9.68 - 460.00	3 - 145	0.12 - 9.2	45 x 90 50 x 100 / 50, 60	250	

Design versions

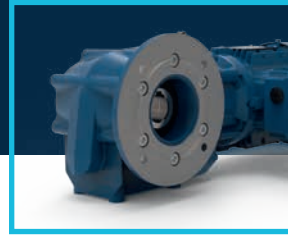
Hollow shaft



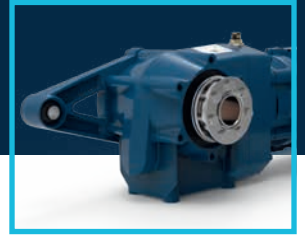
Output shaft



Flange

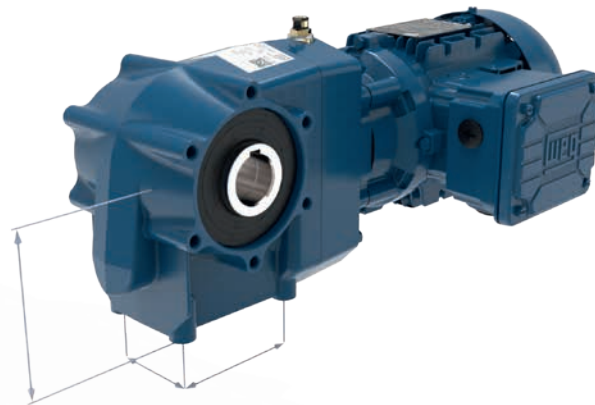
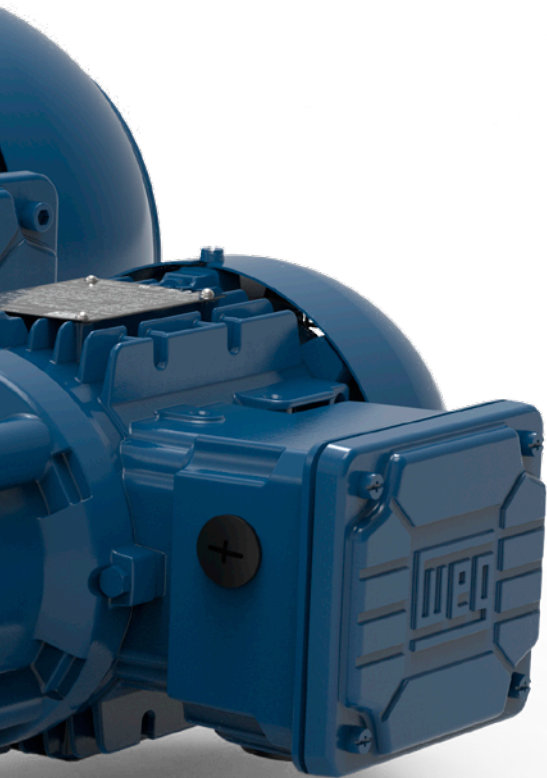


Shrink disc



Standard mounting dimensions

Taking the most significant standard mounting dimensions on the market into account, the design allows for easy integration of WG20 geared motors into almost any existing application.



Typical areas of application

Small conveyor belts, airport logistics, screw conveyors for heating systems, bakery machines, beverage bottling plants, cable winch drives, travel drives and warehouse logistics.

