

Quiet operations.



Helical worm gearboxes are particularly low-noise drive components.

The helical worm gearboxes are available as 2-stage and 3-stage versions and can reach a torque of up to 11063 lbs.-in. and a ratio of up to $i=1847$.

Models

- 2-stage and 3-stage gearboxes
- Hollow shaft with keyway or shrink disc
- Solid shaft with feather key
- Foot or flange mounting
- Torque plate, including rubber buffer

Technical data

Gearbox size		GSS04	GSS05	GSS06	GSS07
Max. torque	[lbs.-in.]	1593	3186	6373	11063
Ratio range		5.7 - 208	5.7 - 1176	5.8 - 1847	5.9 - 1772
Dimensions					
Hollow shaft	["]	1	1.25	1.5	2
	[mm]	25/30	30/35	40/45	50/55
Solid shaft	["]	1	1.25	1.625	1.875
	[mm]	25 x 50	30 x 60	40 x 80	50 x 100
Flange	[mm]	160	200	200/250	250/300

GSS Helical-worm geared motors

Gearboxes

When combined with our integrated three-phase AC motors and servo motors, our helical-worm geared motors form a compact, effective drive unit. Numerous drive-end and output-end options allow precise matching of the drive to your specific application.

Models

- With three-phase AC motors in line with the ErP Directive in the power range from 0.08 Hp to 20 Hp
- With servo motors in the power range from 0.33 to 15 Hp
- As a Drive Package with the decentralized Inverter Drives 8400 motec, covering the power range up to 10 Hp.

Matched to your environmental conditions

Gearboxes with	Three-phase AC motors	Servo motors
Degree of protection EN 60529	IP55	IP54 / IP65
Approvals	cURus, EAC, CCC and UkrSepro	
Climatic conditions		
Storage temperature	-30°C to +60°C (-22°F to +140°F)	
Operating temperature	-20°C to +40°C (-4°F to +104°F)	
Surface and corrosion protection		
OKS-G (primed)	1K primer coat	
OKS-S (small)	2K-PUR top coat	
OKS-M (medium)	1K primer coat 2K-PUR top coat	
OKS-L (large)	2K-EP primer coat 2K-PUR top coat	