

Lightweight and highly efficient.



Our bevel gearboxes are a showpiece in lightweight engineering. They are also highly efficient and equipped with wear-free teeth.

They are available in a 2-stage version with torque of to 450 Nm and a ratio of up to $i=76$.

Models

- 2-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		GKR03	GKR04	GKR05	GKR06
Max. torque	[Nm]	45	90	240	450
Ratio range		5.4 - 62	5.2 - 61	3.6 - 76	3.4 - 69
Dimensions					
Hollow shaft	[mm]	18/20	20/25	30/35	40/45
Solid shaft	[mm]	20 x 40	20 x 40	30 x 60	35 x 70
Flange	[mm]	110/1200	120/160	160/200	200/250

GKR bevel geared motors

Gearboxes

When combined with our integrated three-phase AC motors and servo motors, bevel gearboxes 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 0.06 to 7.5 kW
- With servo motors in the power range from 0.25 to 7.1 kW
- As a Drive Package with the decentralised Inverter Drives 8400 motec, covering the power range up to 7.5 kW.

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	
Operating temperature	-20°C to +40°C	
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	