

Bevel helical gearboxes

VOGEL bevel helical gearboxes combine high power density with extremely smooth running. There are different versions available in eight sizes, making them suitable for universal use. Like all VOGEL spiral bevel gearboxes, they are manufactured using the modern production method of ground circular arc teeth according to Klingelnberg. For customers, this means greater tooth quality and precision as well as even faster delivery times.



KS

Angular gearbox with solid shaft with key

Ratios:	i	[-]	6.0 - 48.0
Max. acceleration torque:	$T_{2\maxzul}$	[Nm]	176 - 23040
Nominal torque on output shaft:	T_{2Nzul}	[Nm]	90 - 12520
Max. backlash:	j	[arcmin]	10, 4
Max. input speed:	$N_{1\maxzul}$	[min ⁻¹]	up to 4500

The operating mode is S5. Please contact us if you intend to use other operating modes.

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Do you have individual requirements?

We have the right customer-specific solution for you. We look forward to hearing from you.

[Customized solution](#)



MKS

Angular gearbox with solid shaft with key

Ratios:	i	[-]	6.0 - 48.0
Max. acceleration torque:	$T_{2\text{maxzul}}$	[Nm]	130 - 23040
Nominal torque on output shaft:	$T_{2\text{Nzul}}$	[Nm]	90 - 12520
Max. backlash:	j	[arcmin]	10, 4
Max. input speed:	$N_{1\text{maxzul}}$	[min ⁻¹]	up to 5000

The operating mode is S5. Please contact us if you intend to use other operating modes.

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KSH

Angular gearbox with hollow shaft with keyway

Ratios:	i	[-]	6.0 - 48.0
Max. acceleration torque:	$T_{2\maxzul}$	[Nm]	176 - 23040
Nominal torque on output shaft:	T_{2Nzul}	[Nm]	90 - 12520
Max. backlash:	j	[arcmin]	10, 4
MMax. input speed:	$N_{1\maxzul}$	[min ⁻¹]	up to 4500

The operating mode is S5. Please contact us if you intend to use other operating modes.

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MKSH

Angular gearbox with hollow shaft with keyway

Ratios:	i	[-]	6.0 - 48.0
Max. acceleration torque:	$T_{2\maxzul}$	[Nm]	130 - 23040
Nominal torque on output shaft:	T_{2Nzul}	[Nm]	90 - 12520
Max. backlash:	j	[arcmin]	10, 4
Max. input speed:	$N_{1\maxzul}$	[min ⁻¹]	bis 5000

The operating mode is S5. Please contact us if you intend to use other operating modes.

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By sub-dividing our gearbox range into three product lines, we are creating more transparency and making selection easier for you. Experience our expertise³, which is setting new benchmarks every data in terms of innovative and reliable technology.

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We look forward to hearing from you.

Do you have questions about our products or would you like personal consultation? You can find the right contact person for you here.

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