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## Spiral bevel gearboxes

VOGEL spiral bevel gearboxes are suitable for universal use thanks to their machine-friendly construction and adaptability. The efficient and reliable top performer is available in different versions. 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 toothing quality and precision as well as even faster delivery times.



# $oldsymbol{L}$ Angular gearbox with solid shaft with key

Ratios:	i	[-]	1.0 - 6.0
Max. acceleration torque:	$T_{2maxzul}$	[Nm]	27 - 15300
Nominal torque on output shaft:	$T_{\rm 2Nzul}$	[Nm]	10 - 5700
Max. backlash:	j	[arcmin]	10, 7, [4]
Max. input speed:	$N_{1 maxzul}$	[min <sup>-1</sup> ]	up to 4500

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

Catalogues and maintenance instructions

2D and 3D data

Inquiry form

#### Do you have individual requirements?

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

### **Customized solution**



## $\mathbf{ML}$ Angular gearbox with solid shaft with key

Ratios:	i	[-]	1.0 - 6.0
Max. acceleration torque:	$T_{\scriptscriptstyle 2maxzul}$	[Nm]	27 - 15300
Nominal torque on output shaft:	$T_{2Nzul}$	[Nm]	10 - 5700
Max. backlash:	j	[arcmin]	10, 7, [4]
Max. input speed:	$N_{1 maxzul}$	[min <sup>-1</sup> ]	up to 5000

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

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### <u>Customized solution</u>



 $oldsymbol{H}$  Angular gearbox with hollow shaft with keyway

Ratios:	i	[-]	1.0 - 6.0
Max. acceleration torque:	$T_{2maxzul}$	[Nm]	27 - 15300
Nominal torque on output shaft:	$T_{2Nzul}$	[Nm]	10 - 5700
Max. backlash:	j	[arcmin]	10, 7, [4]
Max. input speed:	$N_{1 maxzul}$	[min <sup>-1</sup> ]	up to 4500

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

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## MH Angular gearbox with hollow shaft with keyway

Ratios:	i	[-]	1.0 - 6.0
Max. acceleration torque:	$T_{2\text{maxzul}}$	[Nm]	18 - 15300
Nominal torque on output shaft:	$T_{2Nzul}$	[Nm]	10 - 5700
Max. backlash:	j	[arcmin]	10, 7, [4]
Max. input speed:	$N_{1maxzul}$	[min <sup>-1</sup> ]	up to 5000

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

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# $oldsymbol{K}$ Angular gearbox with solid shaft with key

Ratios:	i	[-]	1.0 - 6.0
Max. acceleration torque:	$T_{\scriptscriptstyle 2maxzul}$	[Nm]	27 - 3240
Nominal torque on output shaft:	$T_{\scriptscriptstyle 2Nzul}$	[Nm]	10 - 1100
Max. backlash:	j	[arcmin]	10, 7, [4]
Max. input speed:	$N_{\scriptscriptstyle 1maxzul}$	[min <sup>-1</sup> ]	3000 - 4500

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

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### **MK**

Angular gearbox with solid shaft with key

Ratios:	i	[-]	1.0 - 6.0
Max. acceleration torque:	$T_{2\text{maxzul}}$	[Nm]	27 - 3240
Nominal torque on output shaft:	$T_{\scriptscriptstyle 2Nzul}$	[Nm]	10 - 1100
Max. backlash:	j	[arcmin]	10, 7, [4]
Max. input speed:	$N_{1 maxzul}$	[min <sup>-1</sup> ]	3000 - 4500

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

Catalogues and maintenance instructions

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 ${f LV}$  Angular gearbox with solid shaft with key

Ratios:	i	[-]	1.0 - 6.0
Max. acceleration torque:	$T_{\scriptscriptstyle 2maxzul}$	[Nm]	27 - 3240
Nominal torque on output shaft:	$T_{\scriptscriptstyle 2Nzul}$	[Nm]	10 - 1100
Max. backlash:	j	[arcmin]	10, 7, [4]
Max. input speed:	$N_{1 maxzul}$	[min <sup>-1</sup> ]	3000 - 4500

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

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## **LS**Angular gearbox with solid shaft with key

Ratios:	i	[-]	1/1.5 - 1/2.0
Max. acceleration torque:	$T_{\scriptscriptstyle 2maxzul}$	[Nm]	45 - 2160
Nominal torque on output shaft:	$T_{2Nzul}$	[Nm]	23 - 720
Max. backlash:	j	[arcmin]	10, 7, [4]
Max. input speed:	$N_{1maxzul}$	[min <sup>-1</sup> ]	3000 - 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?

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### **Customized solution**

## Discover our three product lines

By sub-dividing our gearbox range into three product lines, we are creating more transparency and making selection easier for you. Experience our expertise<sup>3</sup>, which is setting new benchmarks every data in terms of innovative and reliable technology.

**SERVO** gears

**MECHANICAL** gears

## **INDUSTRIAL** gears

## 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.

Go to contact persons

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