



APPLIED
MEASUREMENTS
LIMITED

BKNK

NICKEL BELLOWS COUPLINGS WITH NICKEL BELLOWS AND CLAMPING HUBS

0,39 - 3,28 Nm

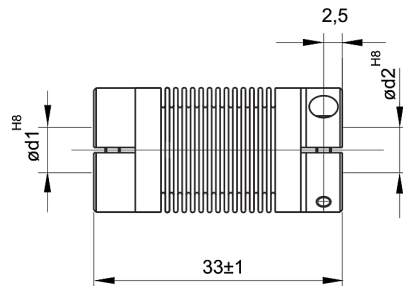
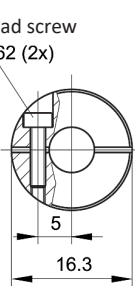


PROPERTIES

- ▶ Backlash-free angularly aligned transmission
- ▶ optimum compensation of misalignment
- ▶ very high torsion spring stiffness
- ▶ minimum restoring forces
- ▶ vibration damping
- ▶ ideal for measuring applications
- ▶ design with nickel bellows and clamping hubs

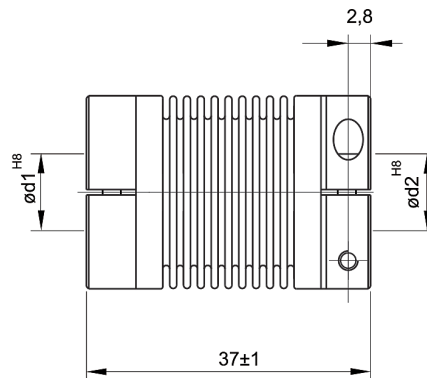
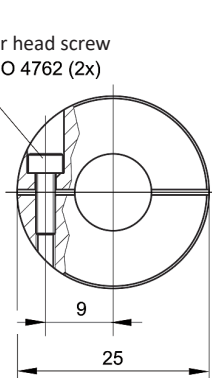
SERIES		BKNK 1733	BKNK 2537
max. speed	min ⁻¹	10 000	10 000
max. torque	Nm	0,39	3,28
max. offset of shafts			
radial	mm	± 0,72	± 0,46
axial	mm	± 3,09	± 2,77
angular	degree	± 14	± 8
torsion spring stiffness	Nm/rad	80	462
radial spring stiffness	N/mm	5,8	38,1
moment of inertia	gcm ²	4,89	2,54
max. clamping torque	Ncm	35	66
temperature range	°C	-30 / +120	-30 / +120
weight approx.	g	11,5	28,5
material flange		aluminium anodised	aluminium anodised
material bellow		nickel	nickel

Z_ycylinder head screw
M2x6 ISO 4762 (2x)



Bc bore combination		KNK 1733			
d1 \ d2		3	4	5	6
3		x	x	x	x
4			x	x	x
5				x	x
6					x
Bestellbeispiel / Example					
BKNK 1733 05/06					

Z_ycylinder head screw
M2,5x8 ISO 4762 (2x)



Bc bore combination		KNK 2537			
d1 \ d2		6	8	10	12
6		x	x	x	x
8			x	x	x
10				x	x
12					x
Bestellbeispiel / Example					
BKNK 2537 10/12					