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Datasheet

Nickel bellows coupling

with clamping hubs

BKNK

39 Ncm, 328 Ncm



Features

- Backlash-free angularly aligned transmission
- optimum compensation of misalignmen
- very high torsion spring stiffness
- minimum restoring forces
- vibration damping

Rpm

Max. 10.000 min^{-1}

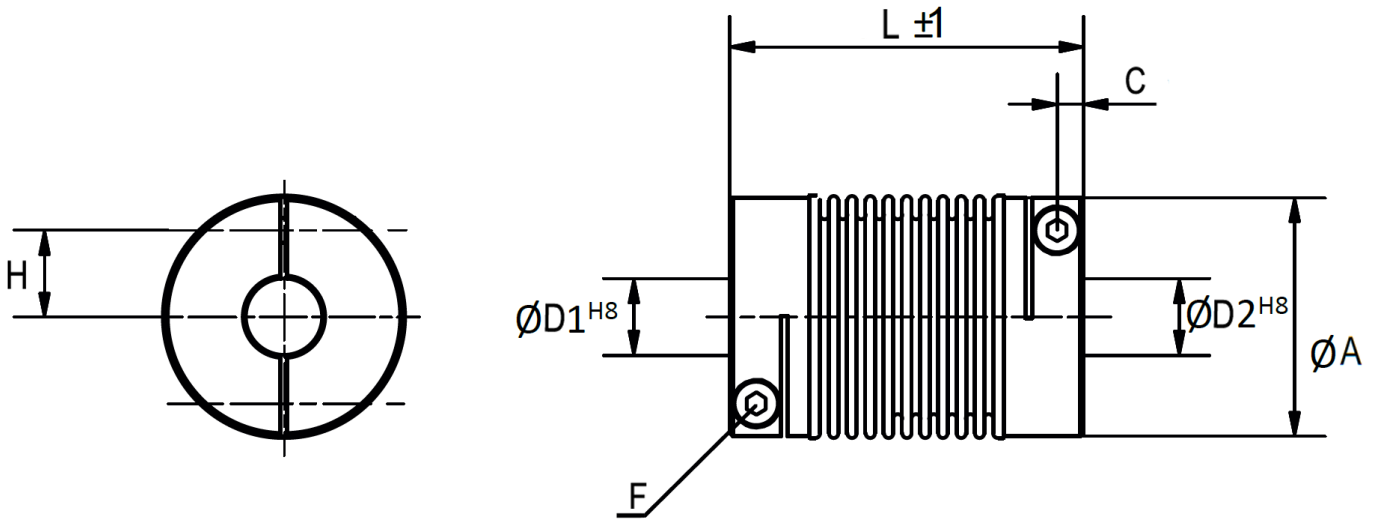
Material

- Bellows: Nickel
- Flange: anodised aluminium

Temperature range

-30 bis 120°C

Product details BKNK



Size			1730	2533
Torque	[Ncm]		39	328
Length	[mm]	L	33	37
Outer - Ø	[mm]	A	16,3	25
Distance	[mm]	C	2,5	2,5
Bore - Ø (H8)	[mm]	D_1 / D_2	3 / 4 / 5 / 6	6 / 8 / 10 / 12
Set screw ISO 4029		F	2x M2	2x M2,5
Tightening torque	[Ncm]		35	66
Center ditance	[mm]	H	5	9
Weight (Approx.)	[g]		11,5	28,5
Moment of Inertia	[g x cm²]		4,89	2,54
Spring stiffness torsional	[Nm/rad]		80	462
Spring stiffness radial	[N/mm]		5,8	38,1
Misalignment radial	[mm]		±0,72	±0,46
Misalignment axial	[mm]		±3,09	±2,77
Misalignment agular	[°]		±14	±8

Order code

Example:	BKNK1730 /	5 /	6
	Modell	Size	Bore D_1 [mm]	Bore D_2 [mm]