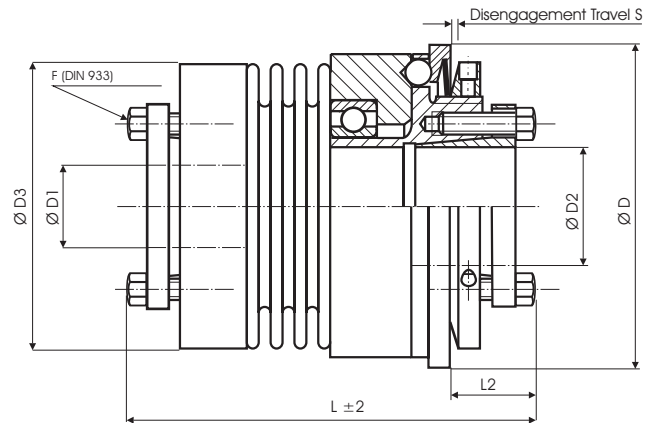


Safety Coupling



Order Code: KBK/BI - 60 - 100 - 15H7 - 18H7 - 20Nm - C oder D - 2

Type / Size

Length

Ø D2 (H7)

Ø D2 (H7)

Disengagement Torque

oder

Overload Torque Range

C = Single Position D = Multi Position Engagement

KBK/BI-x	Dimensions (mm)								Technical Ratings										
	ØD	L	ØD1	ØD2	ØD3	F	L2	S	Maximum speed	Mass	Moment of Inertia	Overload Torque adjustable		Spring Stiffness			Misalignment		
	Outer Ø	Length	Bore Size (H7) min~max	Bore Size (H7) min~max		Screw (DIN 933) TA (Nm)			rpm. (1/min)	(kg)	J (kg cm ²)	1 T _{KN} (Nm)	2 T _{KN} (Nm)	torsional x10 ³ C _T (Nm/rad)	radial C _R (N/mm)	axial C _A (N/mm)	radial ΔK _r (mm)	axial ΔK _a (mm)	angular ΔK _w (°)
-10	49	68	6-14	6-14	40.5	M3	10	0.7	11650	0.25	0.7	3-7	5-10	8.1	120	27	0.15	0.4	1.5
		78				1.5													
-30	64	85	10-20	10-20	56	M5	12	1.2	9540	0.7	3.2	5-15	10-30	38	720	50	0.15	0.6	1.5
		94				6													
-60	79	100	15-25	15-25	66	M6	13	1.2	8180	1.4	8	12-35	20-60	75	1150	90	0.15	0.6	1.5
		110				8.5													
-80	94	115	20-35	20-35	82	M6	15	2	6220	2.3	19	15-40	30-80	128	1200	80	0.2	0.5	1.5
		128				14													
-150	94	115	20-35	20-35	82	M6	15	2	6220	2.4	20	50-130	65-150	155	2020	145	0.2	0.5	1.5
		128				14													
-200	109	125	20-40	20-40	90	M6	15	2	5720	3	33	30-90	80-200	175	2500	147	0.2	0.5	1.5
		135				14													
-300	119	135	30-50	30-46	110	M8	19	2	5200	5.3	65	60-200	100-300	502	6300	280	0.2	0.5	1.5
		145				18													
-500	129	150	35-55	35-50	122	M8	18.5	2	4470	7	170	80-250	200-500	690	7790	100	0.2	0.5	1.5
		162				26													
-800	169	235	40-70	40-60	157	M16	30	2	3350	19	540	240-600	500-800	700	500	185	0.2	0.8	1.8
		45				45													
-1400	169	235	40-70	40-60	157	M16	30	2	3350	20	560	360-1000	900-1400	1270	700	275	0.2	0.8	1.8
		80				80													
-1600	194	250	60-90	70-90	157	M12	32	2	3000	22	600	360-1000	900-1600	2810	2945	305	0.2	0.8	1.5
		90				90													

Material: Bellows: Stainless Steel

Hub: Steel (also available in Stainless Steel)

Keyway acc. DIN 6885 optional

Temperature Range: -30°C ~ 120°C