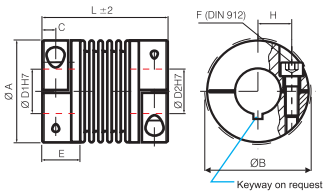




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COUPLINGS

Metal Bellows Couplings : KB2 Series



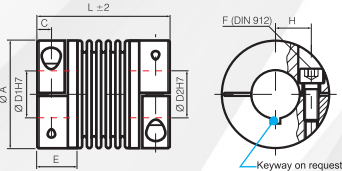
	Torque T _{KN} (Nm)	Dimensions (mm)								Technical Ratings									
		L	Ø A	D1/D2	H	C	Ø B	E	F	Mass	Moment of Inertia J	Spring Stiffness			Misalignment				
		Length (±1)	Outer Ø	Bore Sizes (H7) min - max			Max. Ø	Hub-length	Screw (DIN 912) T _A (Nm)	(g)	(g cm ²)	torsional C _t (Nm/rad)	radial C _r (N/mm)	axial C _a (N/mm)	radial DK _r (mm)	axial DK _a (mm)	angular DK _w (°)		
KB2/1	0.1	25	10	1-4 3*	3.4	2	11	7	M1.6 0.1	3	0.5	65	10	14	0.12	0.2	1.2		
		21							M2	7.5	2.7	260	43	13	0.1	0.2	1		
KB2/5	0.5	25	15.5	3-7 6*	5.2	2.5	17.5	8		7.8	2.8	200	18	10	0.15	0.3	1.5		
		28							0.43	8.2	3	160	9	8	0.2	0.4	2		
		23							M2	9	3.1	510	74	27	0.1	0.2	1		
KB2/10	1	26	15.5	3-8 6*	5.2	2.5	17.5	8		9.3	3.4	380	31	20	0.15	0.3	1.5		
		31							0.43	10	3.7	310	16	16	0.2	0.4	2		
		26							M2.5	13	8	750	59	15	0.1	0.3	1.5		
KB2/15	1.5	31	20	3-10 6*	7	3	21	9		0.85	15	9.3	700	20	9	0.15	0.4	2	
		32							M3	29	24	1500	67	12	0.15	0.3	1.5		
		38								32	27	1300	21	11	0.2	0.4	1.5		
KB2/20	2	42	25	3-14 6/10*	9	3.5	18	11		2	33	29	1050	11	9	0.25	0.5	2	
		41							M4	61	100	6500	168	32	0.1	0.3	1.5		
		50								14	3.5	67	112	4200	41	20	0.2	0.5	2
KB2/45	4.5	48	32.5	6-16 10*	12	5	34	14		14	M4	86	233	8100	120	27	0.15	0.4	1.5
		57								14	4.5	106	290	6800	29	17	0.3	0.6	2
		48								14	M4	86	233	8100	120	27	0.15	0.4	1.5

*Standard Bore Sizes (H7)

Speed: max. 15000 min⁻¹
Hub: Bore Tolerance: H7 Keyway acc. DIN 6885 optional
Material: Bellows - Stainless Steel
Hub - Aluminium (also available in Stainless Steel)
Temperature Range: -30° ~ 120°

Order Code : KB 2 / 45 - 50 - 10 - 16 - S
Type / Size Length L Ø D1 (H7) Ø D2 (H7) Options

Metal Bellows Couplings : KB4 Series



	Torque T _{KN} (Nm)	Dimensions (mm)								Technical Ratings								max Speed rpm
		L	Ø A	D1/D2	H	C	E	F	Mass	Moment of Inertia J	Spring Stiffness			Misalignment				
		Length (±2)	Outer Ø	Bore Sizes (H7)				Screw (DIN 912) T _A (Nm)	(kg)	(kg m ²)	torsional C _t (Nm/rad)	radial C _r (N/mm)	axial C _a (N/mm)	radial DK _r (mm)	axial DK _a (mm)	angular DK _w (°)		
KB4/18	18	63	45	10-25.4	17	5.5	19.5	M5	0.1	0.04	20	205	50	0.2	0.5	1.5	12800	
		71						8	0.15	0.05	15	82	36	0.25	0.5	2	12800	
KB4/30	30	65	56	10-30	20	7.5	24.5	M6	0.3	0.15	38	720	50	0.15	0.6	1.5	10300	
		73						15	0.32	0.16	28	225	28	0.25	1	2	10300	
KB4/60	60	79	66	12-32	23	10	29	M8	0.5	0.33	75	1150	90	0.15	0.6	1.5	8700	
		89						40	0.6	0.36	50	340	50	0.25	1	2	8700	
KB4/80	80	91	82	14-42	28	11	33.5	M10	1.8	2	128	1200	80	0.2	0.5	1.5	6900	
		102						72	1.9	2.1	75	400	50	0.25	0.8	2	6900	
KB4/150	150	91	82	19-42	28	11	33.5	M10	1.8	2	155	2020	145	0.2	0.5	1.5	6900	
		102						84	1.9	2.1	105	595	85	0.25	0.5	2	6900	
KB4/200	200	101	90	22-45	31	13	38	M12	2.6	3.3	175	2500	145	0.2	0.5	1.5	6400	
		113						125	2.7	3.5	120	460	82	0.25	0.8	2	6400	
KB4/300	300	105	110	30-60	39	13	38	M12	3.6	7.3	502	6300	280	0.2	0.5	1.5	6000	
		116						145	3.7	7.5	285	1400	145	0.25	0.8	2	6000	
KB4/500	500	112	122	35-65	42	15	42	M12	5.1	12.4	690	7790	100	0.2	0.5	1.5	5000	
		123						145	5.2	12.7	320	970	85	0.25	1	2	5000	

Material:
Bellows - Stainless Steel
Hub (KB4/18, KB4/30, KB4/60)
Aluminium (also available in Stainless Steel)
Hub (KB4/80, KB4/150, KB4/200, KB4/300, KB4/500) Steel (also available in Stainless Steel)

Order Code : KB 4 / 60 - 89 - 12 - 32 - S
Type / Size Length Ø D1 (H7) Ø D2 (H7) Options