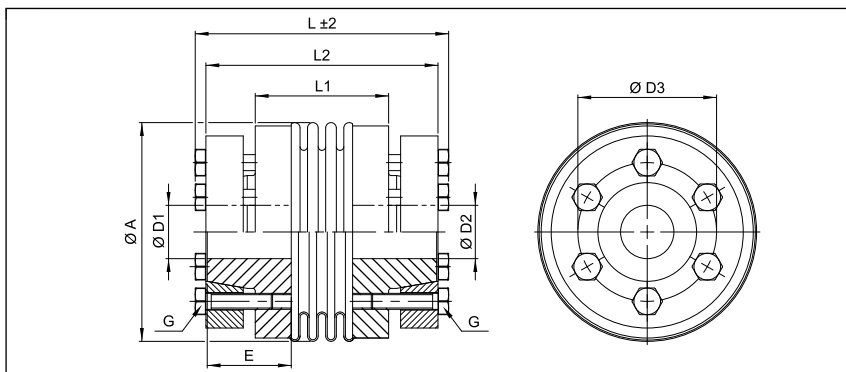


Metal Bellows Coupling
with outer conical hubs

optional
laserwelded
optional full stainless
steel version

optional chem.
nickel-plated

KB6



Order Code

KB6 / 60 - 78 - 20 - 32 - (S)

Type / Size

Length
L

ØD1
(H7)

ØD2
(H7)

Options

Size	Torque TKN (Nm)	Dimensions (mm)							Technical Data								
		L	Ø A	D1/D2	E	L1	L2	F	Mass (kg)	Moment of Inertia J (g m²)	Spring Stiffness			Misalignment			max. speed (min-1)
		Length	Outer Ø	Bore Sizes (H7) min~max	Hub- length			Screw (ISO4017) TA (Nm)			torsional CT 10³ (Nm/rad)	radial CR (N/mm)	axial CA (N/mm)	radial ΔKr (mm)	axial ΔKa (mm)	angular ΔKw (°)	
18	18	65	45	8-15	16.5	37	58	4xM5	0.3	0.081	20	205	50	0.2	0.5	1.5	11500
		73				45	66	5.9	0.31	0.084	15	82	36	0.25	0.5	2	
30	30	60	56	12-20	18	31	53	6xM5	0.37	0.13	38	720	50	0.15	0.6	1.5	11000
		68				39	61	5.9	0.39	0.14	28	225	25	0.25	1	2	
60	60	78	66	15-32	25	36	71	6xM5	0.76	0.46	75	1150	90	0.15	0.6	1.5	9100
		89				47	82	8.7	0.79	0.49	50	340	50	0.25	1	2	
80	80	95	82	20-35	31	50	87	6xM6	1.57	1.37	128	1200	80	0.2	0.5	1.5	7000
		107				62	99	15	1.62	1.43	75	400	50	0.25	0.8	2	
150	150	95	82	20-35	31	50	87	6xM6	1.59	1.39	155	2020	145	0.2	0.5	1.5	7000
		107				62	99	15	1.64	1.45	105	595	85	0.25	0.8	2	
200	200	95	90	20-42	31	50	87	6xM6	1.6	1.64	175	2500	145	0.2	0.5	1.5	6700
		108				63	100	15	1.67	1.74	120	460	82	0.25	1	2	
300	300	108	110	25-50	34	57	98	6xM8	2.83	4.52	502	6300	280	0.2	0.5	1.5	5200
		120				68	109	25	2.89	4.68	285	1400	145	0.25	1	2	
500	500	122	122	35-55	41	59	112	6xM8	3.89	7.04	690	7790	100	0.2	0.5	1.5	4600
		134				70	123	36	3.98	7.31	320	970	85	0.25	1	2	
800	800	184	157	50-70	50	108	169	6xM12 85	8.87	24.9	760	500	185	0.2	0.8	1.8	3700
1400	1400	184	157	50-70	50	108	169	6xM12 115	8.92	25.2	1270	700	275	0.2	0.8	1.8	3700
3000	3000	220	157	55-75	60	146	204	6x M12 125	10.9	30.9	2810	2945	305	0.2	0.8	1.5	2800
5000	5000	245	208	60-90	55	146	225	6xM16 210	27.7	144.4	4810	4915	505	0.2	0.8	1.5	2800

Material

bellows – stainless steel
hub – steel

Hub

bore tolerance: H7

Temperature Range

-30 °C ~ 120 °C
size 800/1400: -30 °C ~ 250 °C