Miniature Metal Bellows Coupling I Series MKA

• cost-effective version with set screws

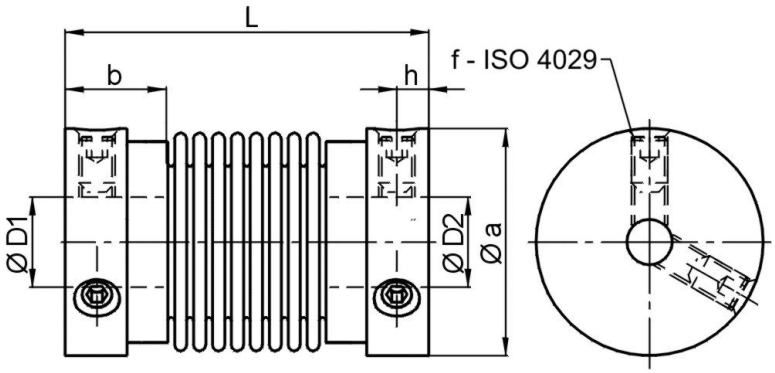
technical data:

MKA size	T_N [Nm]	max. speed [min^{-1}]	moment of inertia [10^{-6}kgm^2]	torsional stiffness [10^{-3}Nm/arcmin]	max. shaft misalignment (mm) axial ±	lateral	spring rate [N/mm] axial	lateral	mass approx. [g]	tightening torque of screws [Nm]
0,4	0,4	20.000	0,19	50	0,2	0,1	10	15	8	1
0,9	0,9	20.000	0,19	90	0,2	0,1	21	26	10	1
2	2	12.000	2,9	230	0,2	0,1	15	15	32	4
4	4	12.000	3,2	460	0,2	0,1	35	65	37	4
6	6	12.000	16	1.100	0,25	0,25	45	60	85	8
8	8	12.000	28	1.300	0,3	0,25	16	24	120	10

temperature range: -20°C up to +90°C

material:
bellows: stainless steel
hubs: high-tensile strength aluminum
set screws: ISO 4029





Dimensions [mm]: length dimensions according to DIN ISO 2768 cH

MKA	Øa	b	f	h	L ±0,5	ØD1/2min	ØD1/2max
0,4	16	7	2x M 3	2,3	26	3	8
0,9	16	7	2x M 3	2,3	27,5	3	8
2	25	11	2x M 4	3,5	38	5	15
4	25	11	2x M 4	3,5	39,5	5	15
6	35	12,5	2x M 5	4,3	54	6	20
8	41	14	2x M 6	5	54,5	6	26

stock bores D1/D2 (G7)

MKA	Ø3	Ø4	Ø5	Ø6	Ø6,35	Ø8	Ø9,53	Ø10	Ø12	Ø15	Ø16	Ø19	Ø24
0,4/0,9	•	•	•	•	•	•							
2/4			•	•	•	•	•	•	•	•			
6				•		•		•	•	•	•		
8				•		•		•	•	•	•	•	•

note: further bore sizes possible on request
for easier disassembly, we recommend to have end faces on the shaft

order example: MKA 2 - D1 = 6 ^{G7} D2 = 8 ^{G7}