Miniature Metal Bellows Coupling I Series MKG

- all-metal version up to 300°C • wear and maintenance free
- very short and variable design • torsionally stiff
- simple installation with optional EASY-clamping hub

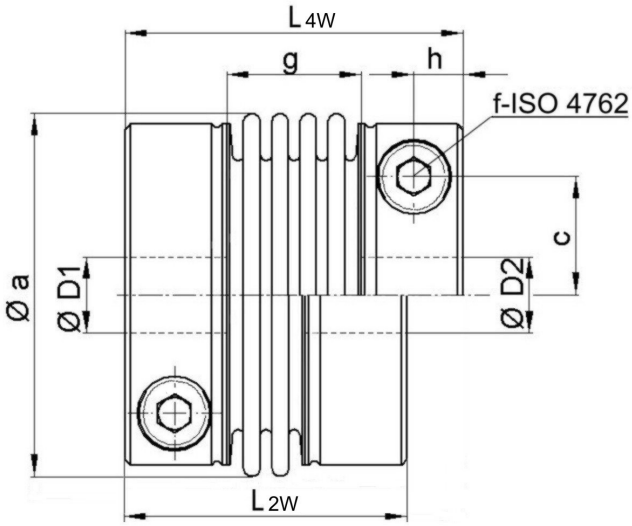
technical data:

MKG size	T_N [Nm]	moment of inertia [10-3kgm²]	torsional stiffness [Nm/arcmin]			max. shaft misalignment (mm) axial ±			lateral			axial spring rate [N/mm]			lateral spring rate [N/mm]			nmax [Upm]
			2W	4W	6W	2W	4W	6W	2W	4W	6W	2W	4W	6W	2W	4W	6W	
5	5	0,004	1,3	0,9	0,6	0,2	0,3	0,5	0,05	0,1	0,2	135	75	45	2500	400	140	20000
10	10	0,019	3,3	2,1	1,3	0,3	0,4	0,5	0,1	0,15	0,25	150	85	60	2300	400	130	20000
20	20	0,044	6	3,4	2,4	0,3	0,4	0,5	0,1	0,15	0,25	100	55	50	2100	360	110	20000

temperature range: -40°C up to +300°C

material:
bellows: stainless steel 1.4571
hubs: steel St 52 - burnished
screws: ISO 4762 / 12.9





notes: connection between bellows and hub by plasma welding. Three standard versions with 2-corrugated metal bellows 2W, 4-corrugated metal bellows 4W or 6-corrugated metal bellows 6W.

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

MKG	Øa	c	f-TA	g			h	L			mass ~ [kg]	ØD1/2 min	ØD1/2 max
				2W	4W	6W		2W	4W	6W			
5	24	7,3	M3-2 Nm	6	10	14	4,5	25	29	33	0,06	6	11
10	34	10	M4-5 Nm	11	16	23	5	33	38	45	0,14	8	16
20	40	13	M5-10 Nm	12	17	23	6	38	43	49	0,22	10	20

- standard clamping hubs without EASY-pin (EASY design optionally possible)
- alternative lengths and hub versions are possible on request

order example: **MKG 5 / 4W D1 = 8 G7 D2 = 11 H7**
MKG 20 / 2W D1 = 10 G7 D2 = 20 H7