

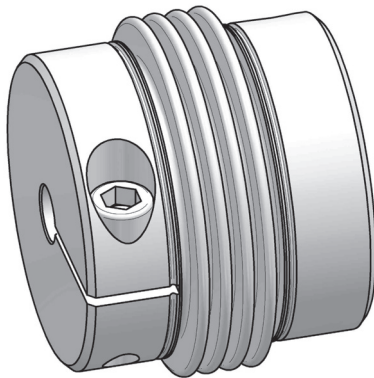
Miniature Metal Bellows Coupling I Series MKG-VA

- all-stainless steel version up to 350°C
- wear and maintenance free
- very short and variable design
- torsionally stiff
- simple installation with clamping hub

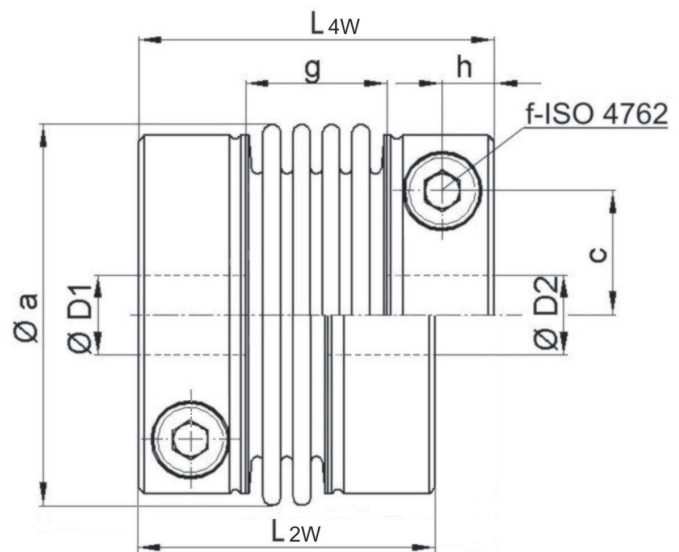
technical data:

MKG-VA size	T _N [Nm]	moment of inertia [10 ⁻³ kgm ²]	torsional stiffness [Nm/arcmin]		max. shaft misalignment [mm]				axial spring rate [N/mm]		lateral spring rate [N/mm]		mass approx. [kg]
			2W	4W	2W	4W	2W	4W	2W	4W	2W	4W	
4	4	0,004	1,3	0,9	0,2	0,3	0,05	0,1	135	75	2500	400	0,06
8	8	0,019	3,3	2,1	0,3	0,4	0,1	0,15	150	85	2300	400	0,14
15	15	0,044	6	3,4	0,3	0,4	0,1	0,15	100	55	2100	360	0,22

temperature range: -40°C up to +350°C



material: bellows: stainless steel 1.4571 / A4
hubs: 1.4301 / A2
screws: ISO 4762 stainless steel / A4-80
optional: ISO 4762 / 12.9



notes: connection between bellows and hub by plasma welding
two standard versions with 4-corrugation bellows 4W or 2-corrugation bellows 2W

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

MKG-VA	Øa	c	f-TA	g		h	L		ØD1/2 min	ØD1/2 max
				2W	4W		2W	4W		
4	24	7,3	M3-1(2)	6	10	4,5	25	29	8(5)	11
8	34	10,5	M4-2,5(4)	11	16	5	33	38	9(7)	16
15	40	13	M5-5(8)	12	17	6	38	43	11(8)	20

- clamping hubs generally with stainless steel screws A4-80 without EASY-pin - mind reduced actuation torques
- check transmission torques of hub-shaft connection for diameters below Dmin (further inquiry possible)
- optional: coated screws of property class 12.9 for higher clamping forces or torques see values in brackets
- alternative lengths or hub versions available on request

order example: MKG-VA 4 / 4W
MKG-VA 15 / 2W

D1 = 8^{G7}
D1 = 13^{G7}

D2 = 11^{G7}
D2 = 20^{G7}

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stainless steel screws
screws - 12.9 - coated