

Metal bellows coupling TYPE 500 - up to 50 Nm


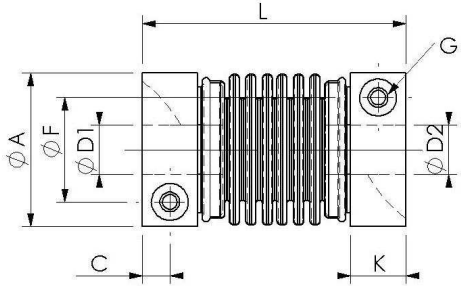
Characteristics:

- Operational temperature of up to 500°C for a short time, lasting up to 300°C
- No backlash
- High rotational speeds possible
- Maintenance free and non-wearing
- Corrosion-resistant stainless performance type available

Application:

Predominantly used for mounting of servo-drives with very high torsional rigidity.

Available with plastic inserts for high impact resistance on request.

TYPE 500 up to 50 Nm , mounting hub welded														
														
Size	M _N (Nm)	Allowed shaft misalignment in mm (lateral)	Allowed shaft misalignment in mm (axial)	Moment of inertia (app. g cm ²)	Weight (app. in g)	Spring constant (Torque Nm/rad)	L	A	G (DIN EN ISO 4762) (Old DIN 912)	D1/D2	D1/D2 (Standard)	C	K	F
16	0,7	0,10	0,30	8,5	23	216	30	16	M2,5	3...5	4H7	3	8	10
20	1,9	0,10	0,30	21	39	680	32	20	M2,5	3...8	6H7	3	8	13
25	3,7	0,13	0,40	70	75	1320	42	25	M3	5...12	6H7	4,5	12	17
35.2	10	0,08	0,3	350	170	7800	48	35	M4	6...16	10H7	4,5	13,5	22
35.3	19	0,08	0,3	570	260	7800	65	35	M6	6...11	10H7	7,5	22	18
									M5	12...14	12H7			20,5
									M5	15...16	16H7			22
40.1	9	0,17	0,50	610	260	3350	59	40	M5	6...20	12H7	5,5	15,5	27
40.2	14,5	0,17	0,50	630	265	5600	59	40	M5	10...20	12H7	5,5	15,5	27
40.3	19	0,17	0,50	640	270	8800	59	40	M5	14...20	16H7	5,5	15,5	27
55.1	25	0,17	0,50	1950	570	10400	69	55	M6	14...28	16H7	7	20,5	40
55.2	38	0,17	0,50	2100	595	17600	69	55	M6	15...28	16H7	7	20,5	40
55.3	50	0,20	0,50	2200	650	19800	81	55	M6	15...28	16H7	7,5	24	40