



Metal bellows coupling TYPE 560 - up to 1700 Nm

Characteristics:

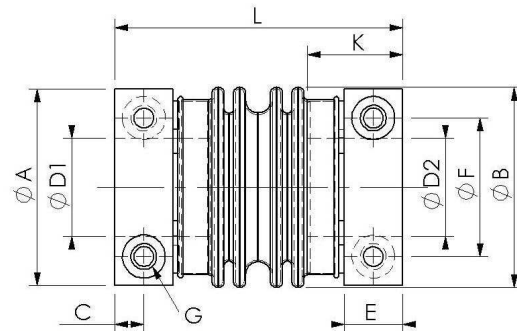
- Operational temperature of up to 500°C for short time , lasting up to 300°C
- No backlash and torsional rigidity
- High rotational speeds possible
- Maintenance free and non-wearing
- Corrosion-resistant stainless steel type available

Application:

- Machine tools
- Industrial robots
- Handling systems
- Winding machines
- Textile machines
- Wood- working- machines etc.

Available with keyway according to DIN 6885.

TYPE 560 up to 1700 Nm , mounting hub welded



Size	M _N (Nm)	Spring constant in N/mm (lateral)	Spring constant in N/mm (axial)	Moment of inertia (app. 10 ⁻³ kg m ²)	Weight (app. in kg)	Torsional rigidity (Torque 10 ³ Nm/rad)	L	B	G (DIN EN ISO 4762) (Old DIN 912)	D1/D2	C	K	F	A	E
56	50	171	102	0,2	0,7	19	81	56	M6	15...30	7,5	24	40	54	15
56.1	74	263	208	0,21	0,7	28	81	56	M6	18...30	7,5	24	40	54	15
56.2	90	314	298	0,21	0,7	35	81	56	M6	22...30	7,5	24	40	54	15
66	115	253	112	0,39	0,9	56	94	66	M8	22...32/35	9,5	31	45	64	19
66.1	155	367	196	0,41	0,95	84	94	66	M8	25...32/35	9,5	31	45	64	19
66.2	175	407	218	0,43	0,95	95	94	66	M8	28...32/35	9,5	31	45	64	19
82	190	249	87	0,9	1,6	94	113	82	M10	25...40	10,5	32	54	82	21
82.1	250	358	125	0,92	1,65	120	113	82	M10	28...40	10,5	32	54	82	21
82.2	310	406	138	0,95	1,7	163	113	82	M10	32...40	10,5	32	54	82	21
101	305	271	128	3,6	3,2	159	129	101	M12	30...50	12,0	36	68	99	24
101.1	440	377	192	3,7	3,25	228	129	101	M12	35...50	12,0	36	68	99	24
101.2	510	435	228	3,7	3,3	311	129	101	M12	38...50	12,0	36	68	99	24
122	500	325	188	6,5	4,5	293	142	122	M14	36...60	14,0	40	82	119	28
122.1	730	411	270	6,6	4,6	424	142	122	M14	40...60	14,0	40	82	119	28
122.2	900	485	315	6,7	4,7	505	142	122	M14	48...60	14,0	40	82	119	28
157.1	1000	850	205	43,0	11,0	1180	160	157	M16	50...90	18,0	49	118	157	36
157.2	1700	850	205	68,0	15	1180	176	157	M20	60...90	22	57	126	169	44

shaft misalignment:

Allowed	lateral	axial
Assembly	0,8 mm	2mm
Operational	0,2 mm	0,5mm