

ZA

With clamping hub

10 – 800 Nm



Feataures

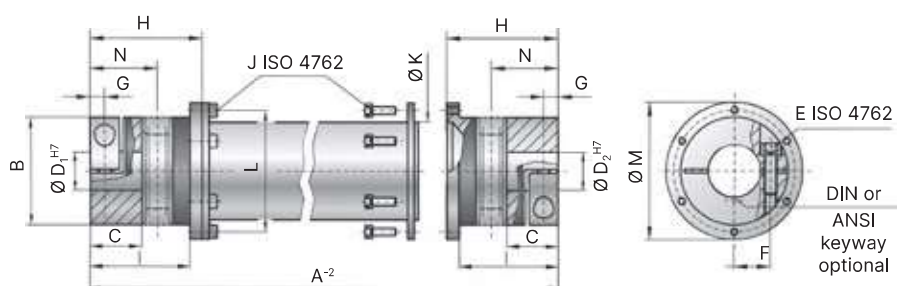
- For spanning larger distances between shaft ends
- Standard lengths up to 6 meters
- No intermediate support bearings required
- Extremely straight and laterally stiff intermediate tube

Material

- **Bellows:** high grade stainless steel
- **Intermediate tube:** up to size 150 aluminum, size 300 and up steel, optional CFK
- **Hubs:** up to size 60 aluminum, size 150 and up steel

Design

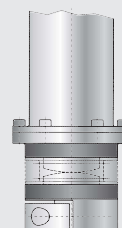
Two clamping hubs with a single clamping screw in each. A special support system carries the weight of the tube on the hubs. Operable temperature range from -30°C to +100°C.



Vertical installation

ZA

ZAE



Schematic of support system

- In vertical installations a special support transfers the weight to the bottom hub.
- This support system is available for all sizes.
- Please note, "for vertical installation" when ordering.

Model ZA

Size			10	30	60	150	200	300	500	800
Rated torque	(Nm)	T _{KN}	10	30	60	150	200	300	500	800
Overall length min. to max.	(mm)	A ⁻²	110 - 6,000	140 - 6,000	170 - 6,000	215 - 6,000	210 - 6,000	250 - 6,000	264 - 6,000	260 - 6,000
Outside diameter clamping hub (mm)	B		40	55	66	81	90	110	123	134
Fit length	(mm)	C	16	27	31	35.5	40.5	43	50	48
Inside diameter from Ø to Ø H7	(mm)	D _{1/2}	5 - 20	10 - 28	12 - 32	19 - 42	22 - 45	30 - 60	35 - 60	40 - 72
With keyway max. Ø H7	(mm)	D _{1/2}	17	23	29	36	45	60	60	66
ISO 4762 clamping screw		E	M4	M6	M8	M10	M12	M12	M16	2x M16
Tightening torque	(Nm)		5	15	40	70	110	130	200	250
Distance between centers	(mm)	F	15	19	23	27	31	39	41	48
Distance	(mm)	G	5	7.5	9.5	11	12.5	13	17	18
Length bellows body	(mm)	H	44.5	57.5	71	78	86	94	110	101
Distance	(mm)	I	38.5	51	61	69	75.5	81	96	89
ISO 4762 clamping screw		J	4x M4	6x M4	6x M5	8x M6	8x M6	8x M8	8x M8	10x M8
Tightening torque	(Nm)		3	4	7	10	12	30	30	40
Outside diameter tube section (mm)	K		35	50	60	76	90	100	110	120
Bolt hole circle Ø	(mm)	L	45	62.5	71.5	88	100	120	132	138
Outside diameter flange	(mm)	M	52	70	80	98	110	135	148	153
Shaft average value	(mm)	N	25	34	41	47	52	56	66	64