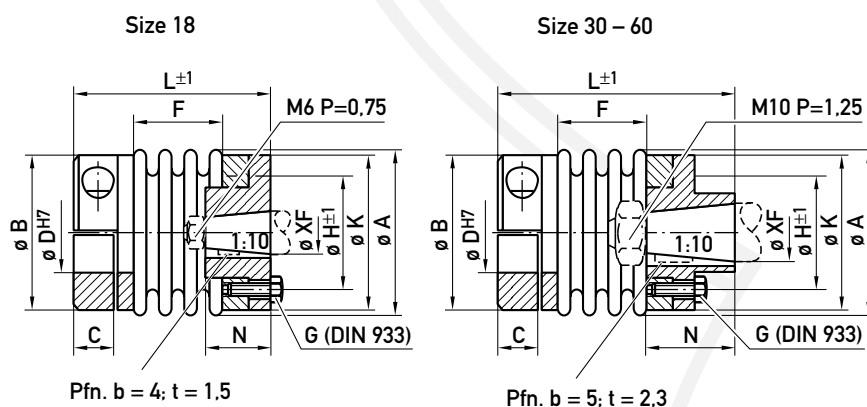


MICROFLEX

BACKLASH-FREE METAL BELLOWS COUPLINGS

Type SB10-Fanuc



Ordering data

SB10 18/54	18 H⁷	XF11	XX
Type			
Length			
Bore diameter D			
Taper type			
Further details, e.g. special material, keyway 3)			

Technical and Dimensional Data – Type SB10-Fanuc

SIZE	18/54 ... XF11	18/62 ... XF11	30/70 ... XF16	30/78 ... XF16	60/78 ... XF16	60/89 ... XF16
Ø A	45	45	56	56	66	66
Ø B	45	45	56	56	66	66
C	12	12	15	15	19	19
Ø D ^{H7} 2)	from/to	from/to	from/to	from/to	from/to	from/to
L	54	62	70	78	78	89
F	24	32	16	24	20	31
N	16	16	29	29	29	29
Ø H	31	31	37	37	46	46
G (DIN 912)	M5	M5	M6	M6	M8	M8
Ø K	45	45	52	52	63	63
XF	11	11	16	16	16	16
Nominal torque (Nm) T _{KN}	18	18	30	30	60	60
Moment of inertia (kg cm ²) J	0.75	0.75	2.35	2.35	4.85	4.85
Weight (Kg)	0.25	0.25	0.5	0.5	0.75	0.75
Torsional stiffness (Nm/rad) C _{T dyn}	7.5 x 10 ³	5.5 x 10 ³	36 x 10 ³	26 x 10 ³	73 x 10 ³	49 x 10 ³
Max. approved misalignment						
- radial (mm)	0.1	0.2	0.1	0.2	0.1	0.2
- axial (mm)	0.4	0.5	0.4	0.5	0.4	0.5
- angular (degree)	1	1.5	1	1.5	1	1.5
Maximum rpm	13900	13900	11000	11000	9000	9000

Selection table – Type SB10-Fanuc

Motortype 1) Fanuc	Model 2-OS	Model 1-OS	Model OS	Model 5S	Model OL	Model 5L	Model 6L
Coupling size	SB10-18/54XF11	SB10-18/62XF11	SB10-30/78XF16	SB10-60/89XF16	SB10-30/70XF16	SB10-30/70XF16	SB10-60/78XF16
Bores D _i (mm) from/to	10 – 20	10 – 20	14 – 25	14 – 28	14 – 25	14 – 25	14 – 25
M _{RAT-T}	1	2	2.9	6	2.9	5.9	8.8
M _{MAX-T}	7.8	16	26	53	11.8	24	47

1) Other motor types on demand.

2) Keyway according to DIN 6885¹⁾ alternatively on demand.

3) Stainless steel version also available.