



BC2

Couplings for servo-motors

Torque: **0.5 to 40Nm**

- **Multidirectional flexibility**
- High precision
- High torsional rigidity
- Single piece construction
- Backlash free
- 6 beams (except BS21 which has 3)
- Working temp -40°C to +120°C
- Max. speed: 5,000 rpm
- Material:
Aluminium 6082
- **Pre-bore is not toleranced**

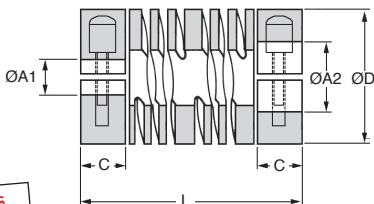


Applications

- Encoders, optical systems
- Automated systems, step motors
- Continuous or intermittent use

Assembly

- Dimension "C" must not be exceeded



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-6%	On request

Part number	ØD	L	C	Set screw	Misalignment		Torsional rigidity (Nm/Rad)	Max. torque (Nm)		
					Radial (mm)	Angular		shock and reversing	non reversing	peak torque
BC22	9,5	19,6	5,3	M1,6	0,12	3°	1,8	0,5	0,66	1,0
BC23	12,7	22,9	6,5	M2	0,17	5°	14	1,0	1,33	2,0
BC24	19,1	26,5	6,5	M2,5	0,25	7°	46	2,6	3,53	5,3
BC25	25,4	38,1	11,0	M3	0,38	7°	108	5,0	6,66	10,0
BC26	31,8	57,2	16,0	M4	0,50	7°	225	7,5	10,00	15,0
BC27	38,1	66,7	18,0	M5	0,60	7°	315	11,0	14,66	22,0
BC29	50,8	95,3	25,0	M6	0,90	7°	666	20,0	26,66	40,0

Part number	ØA1 x ØA2 Pre-bores		ØA1 x ØA2 Min. Max.		ØA1 x ØA2 Standard Bores (H8)	Stock* Std. bores and pre-bores	Price each 1 to 4	
	Std. bores and pre-bores	Modified bore	Std. bores and pre-bores	Modified bore				
BC22	2,0 x 2,8	2 x 4	4,76 x 4,76		3 x 3	✓	43,05 €	43,05 €
BC23	2,5 x 4,5	3 x 5	6,35 x 6,35		3,18 x 4 6 x 6	✓	46,05 €	55,26 €
BC24	2,5 x 5,8	4,76 x 6,35	10 x 10		5 x 6 6 x 10 8 x 8	✓	51,06 €	61,27 €
BC25	3,5 x 7,5	5 x 8	12,70 x 12,70		6 x 6 8 x 12 10 x 10 10 x 12 12 x 12	✓	57,08 €	68,50 €
BC26	6,0 x 10,0	8 x 9,53	16 x 16		10 x 14	✓	99,00 €	On request
BC27	8,0 x 12,0	8 x 12	19 x 19		-	✓	113,51 €	136,22 €
BC29	10,0 x 16,0	10 x 16	26 x 26		-	-	On request	On request

*Depending on availability - Dimensions in mm

Our other products



PW_PWG15

Wheel - precision range, Bronze



SCE_SS

Stainless steel U-shaped clamp, Stainless seal



PML

Solid foot mount for heavy loads, \varnothing 100, 120 or 150



TRMSS

Spur round rack, Stainless steel - module 1-5



GMK17_RG

Joint for guiding profile, Rounded



DCA

Suction cup, 1.5 bellows, natural rubber



FR

Steel thread inserts, Steel



PCATherm

Pull handle, Thermoplastic



WBGV

Lifting ring, Threaded



PDM_PDV

Detectable plastic palm grip, blue



H0

Crossed helical gear crossed axis at 90° ,



PSEC

Security pull handle, Thermoplastic

Complementary products



MFB

Flexible bellows coupling, Aluminium and Bronze - With set screw



DBC

Panamech, Multi-Beam, Aluminium - with clamping jaw