



Couplings for servo-motors

HPC BC3

Torque: **0.75 to 73Nm**

- **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: 5000 rpm
- Material:
Stainless steel 303
- **Pre-bore is not tolerated**

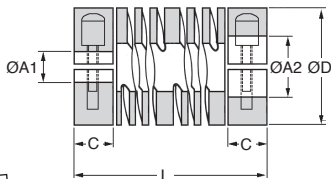


Applications

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

Assembly

- Dimension "C" must not be exceeded



**STANDARD BORES
IN STOCK**

DISCOUNTS

Qty	1+	2+	4+
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
BC32	9,5	19,6	5,3	M1,6	0,12	3°	5,4	0,75	1,00	1,5
BC33	12,7	25,4	6,5	M2	0,17	5°	25	1,50	2,00	3,0
BC34	19,1	28,0	6,5	M2,5	0,25	7°	72	4,00	5,33	8,0
BC35	25,4	38,1	11,0	M3	0,38	7°	170	8,00	10,66	16,0
BC36	31,8	57,2	16,0	M4	0,50	7°	364	12,50	16,66	25,0
BC37	38,1	66,7	18,0	M5	0,60	7°	634	18,00	24,00	36,0
BC39	50,8	95,3	25,0	M6	0,90	7°	1305	36,50	48,66	73,0

Part number	ØA1 x ØA2		ØA1 x ØA2		ØA1 x ØA2		Stock*	Price each	
	Pre-bores	Min.	Max.	Standard Bores (H8)	Std. bores and pre-bores	Std. bores and pre-bores		Modified bore	
BC32	2,0 x 2,8	2 x 4	4,76 x 4,76	-	-	63,86 €	76,63 €		
BC33	2,5 x 4,5	3 x 5	6,35 x 6,35	6 x 6	6,35 x 6,35	65,21 €	78,26 €		
BC34	2,5 x 5,8	4,76 x 6,35	10 x 10	6 x 6	-	83,96 €	100,75 €		
BC35	3,5 x 7,5	5 x 8	12,70 x 12,70	6 x 6	-	115,83 €	138,99 €		
BC36	6,0 x 10,0	8 x 10	16 x 16	-	-	152,72 €	183,27 €		
BC37	8,0 x 12,0	8 x 12	19 x 19	-	-	203,69 €	244,43 €		
BC39	10,0 x 16,0	10 x 16	26 x 26	-	-	On request	On request		

*Depending on availability - Dimensions in mm

Our other products



SSB

Stainless steel bevel gear, 1:1



EHD06

Internal epicyclic servo reducers, from 8 to 19 Nm



ACLAPA

Magnetic stop for aluminium profile, Magnetic stop



MAX22

Motor-gearbox 12V and 24V DC, from 0,07 to 0,2Nm



BPPss

Pressed stainless steel pillow block, Stainless steel



Q6

Deep groove ball bearing, Steel



TBD

Manual leadscrew table with opposing threads, 2kg



NKXR

Combined bearing without inner ring, Needle and cylindrical rollers



IN1

Internal gear, Steel 20NCD2



TB_ECO

Eco. range steel bevel gear, 3:1



RAG

Roller guide,



GG3

Ground spur gear, Heat treated steel

Complementary products



DBC

Panamech, Multi-Beam, Aluminium - with clamping jaw



B3PAN

Panamech, Multi-Beam stainless steel, Stainless steel - with clamping...