



Stock



BG

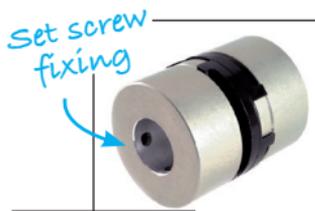
Couplings for servo-motors

Torque: 0.06 to 44Nm

- **3 part assembly**
- Max. speed: 3000 rpm
- Working temp: -20°C to +60°C
- Materials:
 - BG6-BG13 Hubs: brass
 - CZ121
 - BG19-57 Hubs: Alocrom coated aluminium 6082
 - Disk: black acetal

Service factor	
Usage	Factor
Momentary	1
1hr/day	2
3h/day	4
6h/day	6
12h/day	8

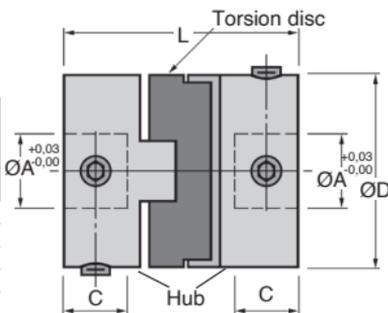
Torque to be transmitted X Service Factor must be less than Peak Torque



Info

- Delivered not assembled

	Misalignment at 3000 rpm			Torque Peak (Nm)	Static break (Nm)	Moment of inertia (kgm ² x10 ⁻⁴)	Torsional stiffness (Nm/Rad)
	Radial (± mm)	Axial (± mm)	Angular (± °)				
BG6	0,10	0,05	0,5°	0,06	0,7	6	10
BG9	0,10	0,05	0,5°	0,21	2,0	18	30
BG13	0,10	0,05	0,5°	0,5	4,0	26	65
BG19	0,20	0,10	0,5°	1,7	10,8	67	115
BG25	0,20	0,10	0,5°	4,0	13,0	252	205
BG33	0,20	0,15	0,5°	9,0	53,0	1 074	615
BG41	0,25	0,15	0,5°	17,0	57,0	3 327	1 200
BG50	0,25	0,20	0,5°	30,0	95,0	7 550	1 375
BG57	0,25	0,20	0,5°	44,0	150,0	12 410	2 610



DISCOUNTS

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

Part number	Standard bores (mm)	Optional bores (mm)	ØD	L	C	Screw	Weight (g)	Stock*	Price each 1 to 4 Standard bores
								Standard bores	
BG6	2	3, 3.18	6,40	12,70	3,80	M3	2,5	✓	25,09 €
BG9	3, 4, 5	-	9,50	12,70	3,80	M3	4	✓	21,97 €
BG13	3	4, 5, 6, 6.35	12,70	15,90	4,30	M3	11	✓	24,25 €
BG19	4, 6, 8	5, 6.35	19,10	22,00	6,30	M3	12	✓	27,85 €
BG25	6, 8, 10	6.35, 9.52, 12	25,40	28,40	8,60	M4	31	✓	36,82 €
BG33	8, 12	9.52, 10, 14, 15, 16	33,30	42,00	13,00	M4	86	✓	55,31 €
BG41	9.52, 10	12, 14, 15, 16, 18, 19, 20	41,30	50,80	16,70	M5	148	✓	65,65 €
BG50	10, 20	12, 14, 15, 16, 18, 19, 24, 25	50,00	59,60	20,60	M8	208	✓	on request
BG57	12, 20	14, 15, 16, 18, 19, 24, 25, 30	57,10	78,00	28,40	M8	361	✓	on request

*Depending on availability - Dimensions in mm

Couplings for servo-motors

BGC

Torque: 1.7 to 44Nm

- **3 part assembly**
- Max. speed: 3000 rpm
- Working temperature: -20°C to +60°C
- Materials:
 - Hub: Alocrom coated aluminium 6082
 - Disk: black acetal

Advantages

- Misalignment does not affect load
- No lubrication
- Low inertia
- Non magnetic

Info

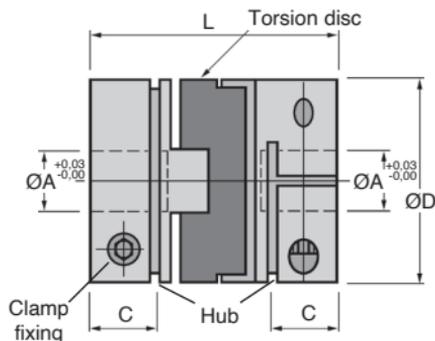
- Delivered not assembled

Service factor	
Usage	Factor
Momentary	1
1h/day	2
3h/day	4
6h/day	6
12h/day	8

Torque to be transmitted X Service Factor must be less than Peak Torque



clamp fixing



	Misalignment at 3000 rpm			Peak (Nm)	Torque Static break (Nm)	Moment of inertia (kgm ² x10 ⁴)	Torsional stiffness (Nm/Rad)
	Radial (± mm)	Axial (± mm)	Angular (± °)				
	BGC19	0,20	0,10				
BGC25	0,20	0,10	0,5°	4,0	13	252	205
BGC33	0,20	0,15	0,5°	9,0	53	1 074	615
BGC41	0,25	0,15	0,5°	17,0	57	3 327	1 200
BGC50	0,25	0,20	0,5°	30,0	95	7 550	1 375
BGC57	0,25	0,20	0,5°	44,0	150	12 410	2 610

DISCOUNTS

Qty	1+	5+	10+	25+	50+
Disc.	List	-6%	-12%	-18%	On request

Part number	Standard bores (mm)	Optional bores (mm)	ØD	L	C	Screw	Weight (g)	Price each	
								Standard bores	Standard bores
BGC19	4	5, 6, 6.35, 8	19,10	22,00	6,30	M2,5	12	✓	28,08 €
BGC25	6, 8, 10	6.35, 9.52, 12	25,40	28,40	8,60	M3	31	✓	40,27 €
BGC33	8, 9.52, 10, 14	12, 12.7, 15, 16	33,30	42,00	13,00	M4	86	✓	59,14 €
BGC41	9.52, 12, 14	10, 15, 16, 18, 19, 20	41,30	50,80	16,70	M4	148	✓	65,66 €
BGC50	10, 20	12, 14, 15, 16, 18, 19, 24, 25	50,00	59,60	20,60	M5	208	✓	161,63 €
BGC57	12, 20	14, 15, 16, 18, 19, 24, 25, 30	57,10	78,00	28,40	M6	361	✓	185,28 €

*Depending on availability - Dimensions in mm