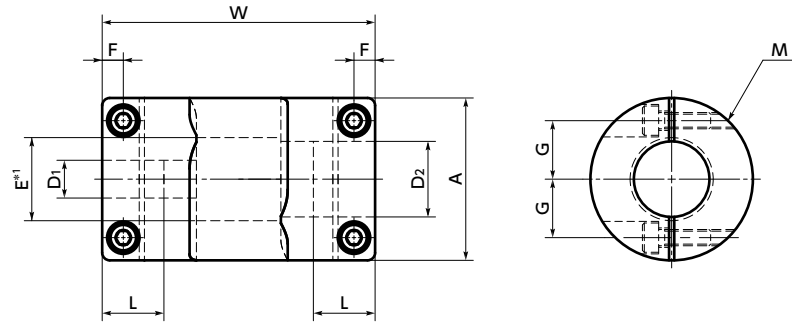


XGL-C Flexible Couplings - High - gain Rubber Type - Long Type

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Zero Backlash](#)
[High gain supported](#)
[High torque](#)
[Vibration absorption](#)

XGL-C



* 1 : $E=D_2+0.5(D_2<5)$
 $E=D_2+1(D_2\geq 5)$

Dimensions

Unit : mm

Part Number	A	L	W	F	G	M	Screw Tightening Torque (N·m)
XGL-15C	15	6.5	30	2.15	5	M1.6	0.25
XGL-19C	19	7.7	34	2.65	6.5	M2	0.5
XGL-25C	25	9.5	42	3.25	9	M2.5	1
XGL-30C	30	11	42	4	11	M3	1.5
XGL-34C	34	12	44	4	12.25	M3	1.5
XGL-39C	39	15.5	55	4.5	14.5	M4	2.5

Part Number	Standard Bore Diameter D1-D2							
XGL-15C	3 - 5	5 - 5	5 - 6					
XGL-19C	4 - 5 6.35 - 8	5 - 5 8 - 8	5 - 6	5 - 7	5 - 8	6 - 6	6 - 6.35	6 - 8
XGL-25C	5 - 8 10 - 10	6 - 8 10 - 12	6 - 10	6.35 - 8	8 - 8	8 - 10	8 - 11	8 - 12
XGL-30C	8 - 8 10 - 14	8 - 10 11 - 12	8 - 11 12 - 14	8 - 12	8 - 14	8 - 15	10 - 10	10 - 11
XGL-34C	8 - 8 14 - 15	8 - 10	8 - 12	8 - 14	10 - 11	10 - 14	11 - 12	12 - 14
XGL-39C	10 - 10	10 - 12	10 - 14	12 - 14	14 - 15	15 - 19		

- All products are provided with hex socket head cap screw.
- Recommended tolerance for shaft diameters is h6 and h7.
- In case of mounting on D-cut shaft, be careful about the position of the D-cut surface of the shaft. → P.xxxx

Performance

Part Number	Max. Bore Diameter (mm)	Keyway Additional Modification Max. Bore Diameter (mm)	Rated *1 Torque (N·m)	Max. Rotational Frequency (min ⁻¹)	Moment*2 of Inertia (kg·m ²)	Static Torsional Stiffness (N·m/rad)	Max. Lateral Misalignment (mm)	Max. Angular Misalignment (°)	Max. Axial Misalignment (mm)	Mass *2 (g)
XGL-15C	6	-	1.1	42000	3.3×10^{-7}	32	0.15	1.5	±0.2	11
XGL-19C	8	6	2.1	33000	9.7×10^{-7}	77	0.15	1.5	±0.2	19
XGL-25C	12	9	4	25000	3.5×10^{-6}	130	0.15	1.5	±0.2	38
XGL-30C	15	11	6.3	21000	7.3×10^{-6}	200	0.2	1.5	±0.3	53
XGL-34C	16	12	8	18000	1.3×10^{-5}	280	0.2	1.5	±0.3	73
XGL-39C	20	15	13.5	16000	2.8×10^{-5}	450	0.2	1.5	±0.3	117

*1 : Correction of rated torque due to load fluctuation is not required. If ambient temperature exceeds 30°C, be sure to correct the rated torque with temperature correction factor shown in the following table.

The allowable operating temperature of XGL-C is -20°C to 80°C.

※ The shaft's slip torque may be smaller than the coupling's rated torque depending on the shaft bore. → P.xxxx

*2 : These are values with max. bore diameter.

• Ambient Temperature / Temperature Correction Factor

Ambient Temperature	Temperature Correction Factor
-20°C to 30°C	1.00
30°C to 40°C	0.80
40°C to 60°C	0.70
60°C to 80°C	0.55

• Part number specification

XGL-15C-5-5

1 2

[Additional Keyway at Shaft Hole → P.xxxx](#)
[Cleanroom Wash & Packaging → P.xxxx](#)
[Change to Stainless Steel Screw → P.xxxx](#)
 Available / Add'l charge Please combine with Stainless Steel Screw Alteration Service Available / Add'l charge