

► KGH SERIES BELLOWS COUPLING



Major Features

- Bellows coupling with split hubs for easy mounting and dismounting.
- Custom length option.
- Short overall length.
- 2 corrugation or 4 corrugation bellows options.

Material

- Stainless steel bellow; steel hubs

Size KGH	Nominal Torque	Moment of Inertia	Torsion Resistance 4W(2W)	Max. Lateral Misalignment 4W(2W)	Mass	Screw Size	Torque to Tighten Screws	Outer Diameter	Length (4W)	Length (2W)	Bore Range min. max.	
	Nm (lb-in)	10 ⁻³ kgm ² (lb-in ²)	Nm/arcmin (lb-ft/Deg)	mm (inch)	kg (lbs)		Nm (lb-in)	mm (inch)	mm (inch)	mm (inch)	mm (inch)	mm (inch)
KGH-20	20 (177)	0.045 (0.15)	3.4 (6) 151 (266)	0.15 (0.1) 0.006 (0.004)	0.25 (0.55)	M5	7 (62)	39.5 (1.555)	50 (1.968)	45 (1.772)	6 (0.236)	19 (0.748)
KGH-40	40 (354)	0.2 (0.68)	9 (16) 399 (708)	0.2 (0.1) 0.008 (0.004)	0.6 (1.32)	M6	16 (142)	56 (2.205)	66 (2.598)	56 (2.205)	12 (0.472)	28 (1.102)
KGH-80	80 (708)	0.5 (1.71)	14 (26) 620 (1151)	0.2 (0.1) 0.008 (0.004)	0.9 (1.98)	M8	40 (354)	66 (2.598)	68 (2.677)	60 (2.362)	14 (0.551)	35 (1.378)
KGH-220	220 (1947)	1.4 (4.78)	28 (50) 1240 (2214)	0.2 (0.1) 0.008 (0.004)	1.8 (3.97)	M10	80 (708)	82 (3.228)	85 (3.346)	75 (2.953)	20 (0.787)	42 (1.654)
KGH-350	350 (3098)	3 (10.25)	52 (93) 2303 (4118)	0.2 (0.1) 0.008 (0.004)	2.8 (6.17)	M12	135 (1195)	101 (3.976)	94 (3.701)	83 (3.268)	22 (0.866)	48 (1.890)
KGH-700	700 (6196)	7.3 (24.95)	106 (190) 4694 (8413)	0.2 (0.1) 0.008 (0.004)	4.6 (10.14)	M14	180 (1593)	122 (4.803)	107 (4.213)	91 (3.583)	35 (1.378)	62 (2.441)
KGH-1600	1600 (14161)	46 (157.19)	225 (-) 9963 (-)	0.2 0.008	15 (33.07)	2 X M16	290 (2567)	157 (6.181)	190 (7.480)	-	35 (1.378)	85 (3.346)

Coupling must be selected so nominal torque is higher than highest operational torque of the application (i.e., during acceleration).
Bore diameters smaller than the minimum are possible but reliable transmission of nominal torque cannot be guaranteed.