



## ► 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

### Technical data/Dimensions

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	
	Nm (lb-in)	10 <sup>-3</sup> kgm <sup>2</sup> (lb-in <sup>2</sup> )	Nm/arcmin (lb-ft/Deg)	mm (inch)	kg (lbs)		Nm (lb-in)	mm (inch)	mm (inch)	mm (inch)	mm (inch)	mm (inch)
KGH-40	40	0.2	9 (16)	0.2 (0.1)	0.6	M6	16	56	66	56	12	28
	(354)	(0.68)	398.3 (708)	0.008 (0.004)	(1.32)		(142)	(2.205)	(2.598)	(2.205)	(0.472)	(1.102)
KGH-80	80	0.5	14 (26)	0.2 (0.1)	0.9	M8	40	66	68	60	14	35
	(709)	(1.71)	619 (1150)	0.008 (0.004)	(1.98)		(354)	(2.598)	(2.677)	(2.362)	(0.551)	(1.378)
KGH-220	220	1.4	28 (50)	0.2 (0.1)	1.8	M10	80	82	85	75	20	42
	(1949)	(4.77)	1239 (2212)	0.008 (0.004)	(3.96)		(709)	(3.228)	(3.346)	(2.953)	(0.787)	(1.654)
KGH-350	350	3	52 (93)	0.2 (0.1)	2.8	M12	135	101	94	83	22	48
	(3100)	(10.23)	2301 (4115)	0.008 (0.004)	(6.16)		(1196)	(3.976)	(3.701)	(3.268)	(0.866)	(1.89)
KGH-700	700	7.3	106 (190)	0.2 (0.1)	4.6	M14	180	122	107	91	35	62
	(6200)	(24.89)	4691 (8408)	0.008 (0.004)	(10.12)		(1594)	(4.803)	(4.213)	(3.583)	(1.378)	(2.441)

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.