



## ► KR SERIES BELLOWS COUPLING



### Major Features

- High torsional stiffness with low lateral spring rates for reduced bearing loads.
- Transmission of high torque values without compromising accuracy or smooth performance.
- Tightening only one screw per hub locks the coupling free of backlash.
- Advantageous for space constrained or blind assembly installations.
- With EASY Clamp System for easy install and un-install.

### Material

- Stainless steel bellows; aluminum hubs

### Technical data/Dimensions

Size KR	Nominal Torque	Moment of Inertia	Torsion Resistance	Max. Lateral Misalignment	Mass	Screw Size	Torque to Tighten Screws	Outer Diameter	Length	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)	min. mm (inch)	max. mm (inch)
KR-25	25	0.12	8	0.2	0.3	M6	14	56	73	14	30
	(221)	(0.41)	(354)	(0.008)	(0.7)		(124)	(2.205)	(2.874)	(0.551)	(1.181)
KR-50	50	0.12	9	0.2	0.3	M6	14	56	73	20	30
	(443)	(0.41)	(398)	(0.008)	(0.7)		(124)	(2.205)	(2.874)	(0.787)	(1.181)
KR-65	65	0.25	11	0.2	0.4	M8	34	66	85	18	34
	(576)	(0.85)	(486.8)	(0.008)	(0.9)		(301)	(2.598)	(3.346)	(0.709)	(1.339)
KR-100	100	0.7	22	0.4	0.75	M10	50	82	102	16	43
	(885)	(2.37)	(973.6)	(0.016)	(1.65)		(443)	(3.228)	(4.016)	(0.63)	(1.693)
KR-200	200	0.84	34	0.2	0.8	M10	67	82	108	22	43
	(1683)	(2.85)	(1504.7)	(0.008)	(1.8)		(593)	(3.228)	(4.252)	(0.866)	(1.693)
KR-300	300	2	45	0.3	1.3	M12	115	101	123	30	55
	(2657)	(6.78)	(1991.5)	(0.012)	(2.9)		(1019)	(3.976)	(4.843)	(1.181)	(2.165)
KR-450	450	2.15	66	0.2	1.4	M12	115	101	123	45	55
	(3986)	(7.29)	(2920.9)	(0.008)	(3.1)		(1019)	(3.976)	(4.843)	(1.772)	(2.165)
KR-540	540	4	98	0.3	2	M12	115	122	132	38	75
	(4783)	(13.6)	(4337)	(0.012)	(4.4)		(1019)	(4.803)	(5.197)	(1.496)	(2.953)

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.