

# ► KPP SERIES PLUGGABLE BELLOWS COUPLING



## Major Features

- Bellows coupling with radial clamping hubs.
- Special plug-in design with EASY Clamp System for easy installation.
- Higher torsional stiffness and shorter overall length.
- Tightening only one screw per hub locks the coupling free of backlash.

## Material

- Stainless steel bellow; aluminum hubs

## Technical data/Dimensions

Size KPP	Nominal Torque	Moment of Inertia	Torsional Stiffness	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 (lb)		Nm (lb-in)	mm (inch)	mm (inch)	min. mm (inch)	max. mm (inch)
KPP-20	20	0.17	4.6	0.2	0.38	M 6	14	61	77.5	9	30
	(177)	(0.58)	(204)	(0.008)	(0.8)		(124)	(2.402)	(3.051)	(0.354)	(1.181)
KPP-35	35	0.17	5	0.2	0.38	M 6	14	61	77.5	14	30
	(310)	(0.58)	(221)	(0.008)	(0.8)		(124)	(2.402)	(3.051)	(0.551)	(1.181)
KPP-60	60	0.34	8	0.2	0.6	M 8	30	71	85.5	18	34
	(531)	(1.16)	(354)	(0.008)	(1.3)		(266)	(2.795)	(3.366)	(0.709)	(1.339)
KPP-100	100	0.46	12	0.2	0.66	M 8	35	75	86	22	38
	(886)	(1.57)	(531)	(0.008)	(1.5)		(310)	(2.953)	(3.386)	(0.866)	(1.496)
KPP-170	170	0.9	16	0.2	0.95	M 10	65	87	99.5	22	43
	(1506)	(3.07)	(708)	(0.008)	(2.1)		(576)	(3.425)	(3.917)	(0.866)	(1.693)
KPP-270	270	2.2	31	0.2	1.6	M 12	115	106	106.5	27	55
	(2392)	(7.5)	(1372)	(0.008)	(3.5)		(1019)	(4.173)	(4.193)	(1.063)	(2.165)
KPP-400	400	2.4	45	0.2	1.7	M 12	115	106	110.5	34	55
	(3543)	(8.18)	(1992)	(0.008)	(3.7)		(1019)	(4.173)	(4.35)	(1.339)	(2.165)
KPP-550	550	5.1	67	0.2	2.4	M 12	115	126	116.5	38	75
	(4872)	(17.4)	(2965)	(0.008)	(5.3)		(1019)	(4.961)	(4.587)	(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.