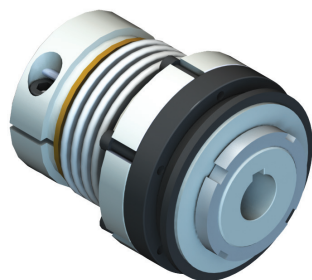


► SKW-KP SERIES DIRECT DRIVE SAFETY COUPLING



Major Features

- Direct drive safety coupling with keyed hub connection on safety and bellows sides.
- Upon disengagement, coupling will re-engage automatically at only one point per revolution and retain the drive's reference point.
- Bellow compensates for axial, lateral and angular misalignment.
- Adjustable disengagement torque.

Material

- Stainless steel bellow; aluminum and steel hubs; steel safety element

Technical data/Dimensions

Size SKW-KP	Disengagement Torque Range		Moment of Inertia	Torsional Resistance	Max Lateral	Mass	Screw Size	Torque to Tighten Hub	Outer Diameter	Length	Switching Distance	Bore Range øD1*		Bore Range øD2**	
	Nm (lb-in)											min	max	min	max
SKW-KP-6	2	6	0.11	2.1	0.15	0.4	M5	7	52.5	71	0.9	6	19	6	12
	(18)	(53)	(0.38)	(93)	(0.006)	(0.88)		(62)	(2.067)	(2.795)	(0.035)	(0.236)	(0.748)	(0.236)	(0.472)
SKW-KP-12	6	12	0.11	2.1	0.15	0.4	M5	7	52.5	71	0.9	8	19	6	12
	(53)	(106)	(0.38)	(93)	(0.006)	(0.88)		(62)	(2.067)	(2.795)	(0.035)	(0.315)	(0.748)	(0.236)	(0.472)
SKW-KP-15	8	15	0.44	9	0.2	0.9	M6	14	69	84.5	1.2	9	30	8	22
	(71)	(133)	(1.50)	(399)	(0.008)	(1.98)		(124)	(2.717)	(3.327)	(0.047)	(0.354)	(1.181)	(0.315)	(0.866)
SKW-KP-30	13	30	0.44	9	0.2	0.9	M6	14	69	84.5	1.2	12	30	10	22
	(115)	(266)	(1.50)	(399)	(0.008)	(1.98)		(124)	(2.717)	(3.327)	(0.047)	(0.472)	(1.181)	(0.394)	(0.866)
SKW-KP-45	22	45	0.44	9	0.2	0.9	M6	14	69	84.5	1.2	16	30	10	22
	(195)	(398)	(1.50)	(399)	(0.008)	(1.98)		(124)	(2.717)	(3.327)	(0.047)	(0.630)	(1.181)	(0.394)	(0.866)
SKW-KP-60	25	60	1.35	20	0.2	1.7	M8	35	88	96	1.6	15	38	11	32
	(221)	(531)	(4.61)	(886)	(0.008)	(3.75)		(310)	(3.465)	(3.780)	(0.063)	(0.591)	(1.496)	(0.433)	(1.260)
SKW-KP-100	40	100	1.35	20	0.2	1.7	M8	35	88	96	1.6	20	38	13	32
	(354)	(885)	(4.61)	(886)	(0.008)	(3.75)		(310)	(3.465)	(3.780)	(0.063)	(0.787)	(1.496)	(0.512)	(1.260)
SKW-KP-150	60	150	1.35	20	0.2	1.7	M8	35	88	96	1.6	25	38	16	32
	(531)	(1328)	(4.61)	(886)	(0.008)	(3.75)		(310)	(3.465)	(3.780)	(0.063)	(0.984)	(1.496)	(0.630)	(1.260)
SKW-KP-230	80	230	5	28	0.2	3.8	M10	65	115	119	1.8	25	43	18	38
	(708)	(2036)	(17.09)	(1240)	(0.008)	(8.38)		(575)	(4.528)	(4.685)	(0.071)	(0.984)	(1.693)	(0.709)	(1.496)
SKW-KP-330	130	330	5	28	0.2	3.8	M10	65	115	119	1.8	32	43	21	38
	(1151)	(2921)	(17.09)	(1240)	(0.008)	(8.38)		(575)	(4.528)	(4.685)	(0.071)	(1.260)	(1.693)	(0.827)	(1.496)
SKW-KP-500	200	500	12.5	52	0.2	6.3	M12	115	137	137.5	2.5	35	55	26	55
	(1770)	(4425)	(42.71)	(2303)	(0.008)	(13.89)		(1018)	(5.394)	(5.413)	(0.098)	(1.378)	(2.165)	(1.024)	(2.165)
SKW-KP-800	350	800	14.3	106	0.2	6.8	M14	185	137	149.5	2.5	42	70	38	55
	(3098)	(7081)	(48.87)	(4694)	(0.008)	(14.99)		(1637)	(5.394)	(5.886)	(0.098)	(1.654)	(2.756)	(1.496)	(2.165)
SKW-KP-1000	500	1000	56	150	0.2	15	M14	185	181	186	3.7	50	75	39	90
	(4425)	(8851)	(191.36)	(6642)	(0.008)	(33.07)		(1637)	(7.126)	(7.323)	(0.146)	(1.968)	(2.953)	(1.535)	(3.543)
SKW-KP-2000	800	2000	63	170	0.3	16	M16	290	181	204	3.7	60	85	39	90
	(7081)	(17702)	(215.28)	(7528)	(0.012)	(35.27)		(2567)	(7.126)	(8.031)	(0.146)	(2.362)	(3.346)	(1.535)	(3.543)
SKW-KP-3000	1500	3000	250	720	1.2	45	-	-	243	257 / 313	3	50	135	50	110
	(13276)	(26552)	(854.29)	(31882)	(0.047)	(99.21)	-	-	(9.567)	(10.118 / 12.323)	(0.118)	(1.968)	(5.315)	(1.968)	(4.331)
SKW-KP-6000	3000	6000	300	1300	1.4	50	-	-	243	266 / 312	3	50	140	50	110
	(26552)	(53105)	(1025.14)	(57564)	(0.055)	(110.23)	-	-	(9.567)	(10.472 / 12.283)	(0.118)	(1.968)	(5.512)	(1.968)	(4.331)
SKW-KP-9000	6000	9000	300	1600	1.4	50	-	-	243	266 / 312	3	50	140	50	110
	(53105)	(79657)	(1025.14)	(70848)	(0.055)	(110.23)	-	-	(9.567)	(10.472 / 12.283)	(0.118)	(1.968)	(5.512)	(1.968)	(4.331)

* Bellows side of coupling

** Safety element