

► SKB SERIES INDIRECT DRIVE SAFETY COUPLING



Major Features

- Pulley safety coupling with self-centering conical hub and integrated bearing.
- Upon disengagement, coupling will re-engage automatically at only one point per revolution and retain the drive's reference point.
- Integrated bearing for high axial and radial loading to support pulleys, gears or sprockets.
- Adjustable disengagement torque.

Material

- Steel hubs; steel safety element

Size SKB	Disengagement Torque Range		Moment of Inertia 10 ⁻³ kgm ² (lb-in ²)	Mass kg (lbs)	Screw Size	Torque to Tighten Screws		Thread Size for Pulley	Outer Diameter mm (inch)	Length mm (inch)	Switching Distance mm (inch)	Bore Range	
	Nm (lb-in)					Nm (lb-in)						min. mm (inch)	max. mm (inch)
SKB-6	2	6	0.09	0.36	M5	10		6xM3	52	41	0.9	6	16
	(18)	(53)	(0.31)	(0.79)		(89)							
SKB-12	6	12	0.09	0.36	M5	10		6xM3	52	41	0.9	8	16
	(53)	(106)	(0.31)	(0.79)		(89)							
SKB-15	8	15	0.36	0.8	M6	18		6xM4	69	48	1.2	10	25.4
	(71)	(133)	(1.23)	(1.76)		(159)							
SKB-30	13	30	0.36	0.8	M6	18		6xM4	69	48	1.2	12	25.4
	(115)	(266)	(1.23)	(1.76)		(159)							
SKB-45	22	45	0.36	0.8	M6	18		6xM4	69	48	1.2	14	25.4
	(195)	(398)	(1.23)	(1.76)		(159)							
SKB-60	25	60	1.1	1.5	M8	40		6xM6	87	55.5	1.6	18	35
	(221)	(531)	(3.76)	(3.31)		(354)							
SKB-100	40	100	1.1	1.5	M8	40		6xM6	87	55.5	1.6	18	35
	(354)	(885)	(3.76)	(3.31)		(354)							
SKB-150	60	150	1.1	1.5	M8	40		6xM6	87	55.5	1.6	24	35
	(531)	(1328)	(3.76)	(3.31)		(354)							
SKB-230	80	230	4.2	3.3	M10	80		6xM8	113	71.5	1.8	24	44
	(708)	(2036)	(14.35)	(7.28)		(708)							
SKB-330	130	330	4.2	3.3	M10	80		6xM8	113	71.5	1.8	32	44
	(1151)	(2921)	(14.35)	(7.28)		(708)							
SKB-500	200	500	12.2	6.2	M14	220		8xM8	136	87.5	2.5	28	58
	(1770)	(4425)	(41.69)	(13.67)		(1947)							
SKB-800	350	800	12.2	6.2	M14	220		8xM8	136	87.5	2.5	40	58
	(3098)	(7081)	(41.69)	(13.67)		(1947)							
SKB-1000	500	1000	76	20	M16	290		12xM10	181	142	3.7	42	100
	(4425)	(8851)	(259.70)	(44.09)		(2567)							
SKB-2000	800	2000	76	20	M16	290		12xM10	181	142	3.7	48	100
	(7081)	(17702)	(259.70)	(44.09)		(2567)							
SKB-3000	1500	3000	76	20	M16	290		12xM10	181	142	3.7	60	100
	(13276)	(26552)	(259.70)	(44.09)		(2567)							

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.