

Safety Coupling I Series SKW for indirect drives

- /// cost-effective type // easy keyway connection
- /// with integrated ball bearing for high axial and lateral load

technical data:

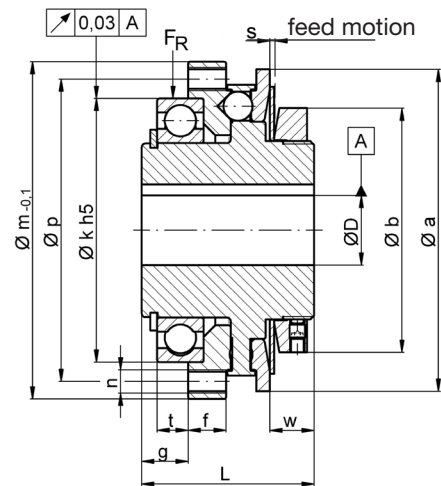
SKW Size	setting range disengagement torque T_{KA} [Nm]		moment of inertia [10 ⁻³ kgm ²]	mass approx. [kg]	max. lateral load F_R [N]	n	bore diameters $\varnothing D$	
	min	max					min	max
6	2	- 6	0,08	0,28	5.000	6 x M 3	6	12
12	6	- 12					6	12
15	8	- 15	0,3	0,63	8.000	6 x M 4	8	22
30	13	- 30					10	22
45	22	- 45					10	22
60	25	- 60	0,91	1,25	9.500	6 x M 6	11	32
100	40	- 100					13	32
150	60	- 150					16	32
230	80	- 230					18	38
330	130	- 330	3,70	2,80	23.000	6 x M 8	21	38
500	200	- 500	9,25	4,80	30.000	8 x M 8	26	55
800	350	- 800					30	55
1000	500	- 1000	52	15,5	50.000	12 x M 10	40	90
2000	800	- 2000					40	90
3000	1500	- 3000	160	25	65.000	12 x M 10	50	110
6000	3000	- 6000					50	110
9000	6000	- 9000					50	110

material:

heat-treated steel

temperature range:

-30°C up to +150°C



Dimensions [mm]: length dimensions according to DIN ISO 2768 cH

SKW	$\varnothing a$	($\varnothing a^*$)	$\varnothing b$	f	g	$\varnothing k h_5$	$\varnothing m$	$\varnothing p$	L	s	t	w
6/12	48	(42)*	33	8	9,8	42	52	47	31	0,9	7	5,8
15/30/45	66	(60)*	45	9	11,5	55	69	62	38	1,2	8	8,6
60/100/150	83	(76)*	63	9	12	68	87	78	44,5	1,6	8	11,4
230/330	109	(104)*	84	14	16,5	90	113	102	59,5	1,8	12	13,7
500/800	132	-	105	15	17	110	136	124	68,5	2,5	12	18,1
1000/2000	185	-	168	19	28	140	181	165	106	3,7	22,5	40,4
3000-9000	236	-	197	18/14	22	180	243	200/225	128	3,0	14	53

*note: smaller outer diameters of the shift disc are possible (see values in brackets)
with zero clearance conical-hub-connection ($D_{max} = \varnothing 120$) see series SKY

order example: SKW 500 - D = 44^{G6} - PFN 12 P9 x 3,3 - $T_{KA} = 450$ Nm