

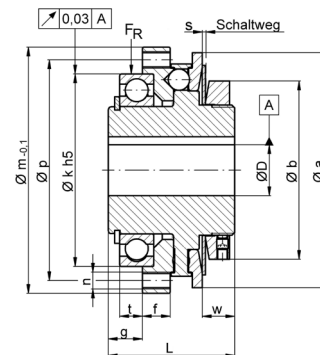
Safety Coupling I Series SKW for indirect drives

- /// 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
1,5	0,3 - 1,5	0,008	0,07	750	4 x M 2,5	6 - 10
3	1 - 3					
6	2 - 6	0,08	0,28	5.000	6 x M3	6 - 12
12	6 - 12					
15	8 - 15	0,3	0,63	8.000	6 x M4	8 - 22
30	13 - 30					10 - 22
45	22 - 45					
60	25 - 60	0,91	1,25	9.500	6 x M6	11 - 32
100	40 - 100					13 - 32
150	60 - 150					16 - 32
230	80 - 230	3,70	2,80	23.000	6 x M8	18 - 38
330	130 - 330					21 - 38
500	200 - 500	9,25	4,80	30.000	8 x M8	26 - 55
800	350 - 800					30 - 55
1000	500 - 1000	52	15,5	50.000	12 x M10	40 - 90
2000	800 - 2000					
3000	1500 - 3000	160	25	65.000	12 x M10	50 - 110
6000	3000 - 6000					
9000	6000 - 9000					

material:
heat-treated steel
temperature range:
-30°C up to +200°C



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

SKW	$\varnothing a$	($\varnothing a^*$)	$\varnothing b$	f	g	$\varnothing k^{h5}$	$\varnothing m$	$\varnothing p$	L	s	t	w
1,5/3	32	-	27,5	4	5	24	32	28,5	18,5	0,6	2,5	4,4
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	60,6

*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 - $T_{KA} = 450 \text{ Nm}$