

# Safety Coupling I Series SKW for indirect drives

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

technical data:

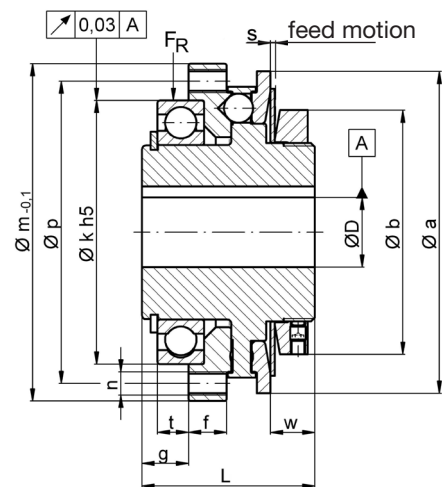
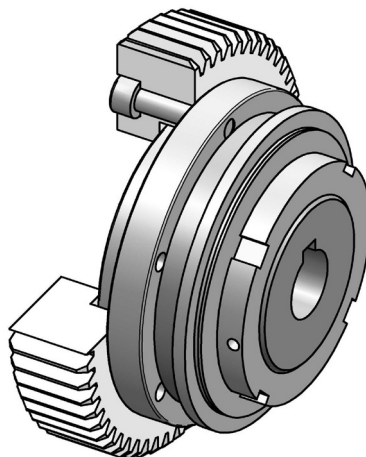
SKW Size	setting range disengagement torque $T_{KA}$ [Nm]		moment of inertia [ $10^{-3}$ kgm <sup>2</sup> ]	mass approx. [kg]	max. radial load $F_R$ [N]	n	bore diameters $\varnothing D$	
	min	max					min	max
6	2	- 6	0,08	0,28	5.000	6 x M 3	6	12
12	6	- 12					6	12
15	8	- 15	0,3	0,63	8.000	6 x M 4	8	22
30	13	- 30					10	22
45	22	- 45	0,91	1,25	9.500	6 x M 6	10	22
60	25	- 60					11	32
100	40	- 100	3,70	2,80	23.000	6 x M 8	13	32
150	60	- 150					16	32
230	80	- 230	9,25	4,80	30.000	8 x M 8	18	38
330	130	- 330					21	38
500	200	- 500	52	15,5	50.000	12 x M 10	26	55
800	350	- 800					38	55
1000	500	- 1000	160	25	65.000	12 x M 10	39	90
2000	800	- 2000					52	90
3000	1500	- 3000	50	110	50.000	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 +200°C



update version



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
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<sup>G6</sup> - PFN 12 P9 x 3,3 -  $T_{KA} = 450$  Nm