

Safety Coupling I Series SKW for indirect drives

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

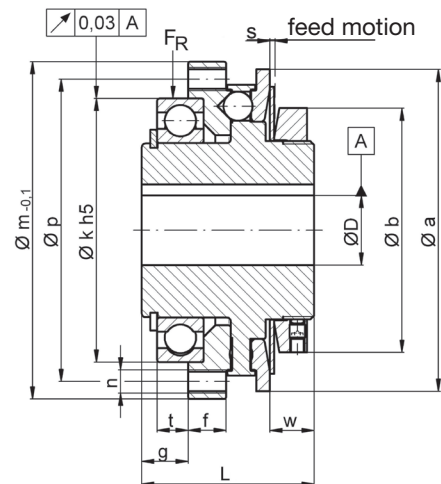
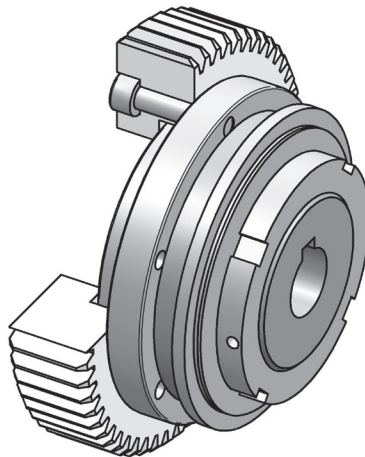
technical data:

SKW	setting range			moment	mass	max. lateral	n	bore diameters	
Size	disengagement torque T _{Ka} [Nm]			of inertia [10 ⁻³ kgm ²]	approx. [kg]	load F _R [N]		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	3,70	2,80	23.000	6 x M 8	18	38
330	130	-	330					21	38
500	200	-	500	9,25	4,80	30.000	8 x M 8	26	55
800	350	-	800					38	55
1000	500	-	1000	52	15,5	50.000	12 x M 10	39	90
2000	800	-	2000					52	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 +200°C



update version



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

SKW	Øa	(Øa*)	Øb	f	g	Øk ^{h5}	Øm	Øp	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 (Dmax = Ø120) see series SKY

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