

SIKKERHETSKOBLING

Serie SKB-KP

SKB-KP-6

- 2 - 3000Nm justerbart vridmoment



PRODUKTBESKRIVELSE

Sikkerhetskobling fra Jakob Antriebstechnik GmbH med innebygget vern mot overbelastning som kobler fra når et bestemt dreiemoment overstiges. Koblingen er designet for å håndtere visse vinkelavvik mellom akslene.

TEKNISKE DATA

D	52,5
Diameter	52,5
Justerbart moment	2-6 Nm
L	81
Maximum bore	19
Minimum bore	6

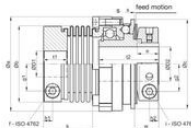
technical data:

SKB-KP size	setting range torque T_{set} [Nm]	moment of inertia J [kgm ²]	mass approx. [kg]	torsional stiffness [Nm/radmm]	max. shaft mis-alignment [mm]	axial	lateral	tightening torque of screws F [Nm]	ϕ D1 min max	ϕ D2 min max
1	0.5 - 1	0.09	0.26	0.4	0.5	0.1	M3-2	M5-10	5 10/14"	5 14
2	1 - 2	0.13	0.45	2.1	0.5	0.15	M5-8	M5-10	6 19/32"	6 18
6	2 - 6	0.13	0.45	2.1	0.5	0.15	M5-8	M5-10	6 19/32"	6 18
12	6 - 12	0.13	0.45	2.1	0.5	0.15	M5-8	M5-10	6 19/32"	6 18
15	8 - 15	0.5	1.0	9	0.5	0.2	M6-14	M6-18	8 32"	10 25.4
30	13 - 30	0.5	1.0	9	0.5	0.2	M6-14	M6-18	10 32"	12 25.4
45	22 - 45	1.5	1.9	20	0.6	0.2	M8-35 (D2)	M8-40	12 32"	14 25.4
60	25 - 60	1.5	1.9	20	0.6	0.2	M8-35 (D2)	M8-40	13 30/32"	18 35
100	40 - 100	1.5	1.9	20	0.6	0.2	M8-35 (D2)	M8-40	14 30/32"	18 35
150	60 - 150	5.5	3.8	28	0.8	0.2	M10-65 (D2)	M10-80	21 30/32"	24 35
230	80 - 230	14.0	6.8	52	0.8	0.2	M12-115 (D2)	M14-220	24 30/43"	24 44
330	130 - 330	17.2	8.3	106	0.7	0.2	M14-180 (140°)	M16-290	32 40/48"	32 44
500	200 - 500	17.2	8.3	106	0.7	0.2	M14-180 (140°)	M16-290	35 40/50"	38 58
800	350 - 800	80	20	190	0.8	0.2	M16-180 (140°)	2xM16-290	42 50/58"	40 58
1000	500 - 1000	95	21	210	1	0.3	M16-350	2xM16-290	45 60/70"	42 100
2000	800 - 2000	95	21	210	1	0.3	M16-350	2xM16-290	58 90	45 100

(1) note: reduced tightening torque for bigger hub bore diameter - see also D D1/D2 must!
temperature range: -30°C up to +200°C

material:

safety part: heat-treated steel
clamping hub: high-tensile aluminum
bellows: stainless steel
screws: ISO 4762 / 12.9



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

SKB-KP	Da	Da	Dc	e	g1	g2	h1	h2	k	La1	s	t1	t2	w
1/2	40.5	24.28	42	14	7.5	13.5	4.4	6	25	62.5	0.8	8	33	14.6
6/12	52.5	40.45	48	14	13	13.5	6	6	36.6	81	0.9	16.5	41	16
15/30/45	69	56	66	16	19	19.5	8	7.5	43	94.5	1.2	20	48	18.5
60/100/150	89	71	83	20	25	25.5	9	8.5	45.5	107	1.6	22	55.5	22
230/330	115	82	109	23	28.5	32	11.5	10.5	52	132	1.8	26	72	26
500	137	101	132	32	35	42	13	13.5	60	156	2.5	29	87.5	37
800	137	122	132	32	42	42	16	13.5	74.5	170	2.5	34	87.5	37
1000	181	133	185	74	47	69	18.5	17.00	87.5	220x2	3.7	45	124	74
2000	181	157	185	74	54	69	17.5	17.00	89	232	3.7	35	124	74

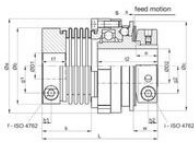
note: alternative lengths of bellows are possible on request; bellows side with conical hub: see series SKB-KS
setting range up to 5000Nm see series SKV-KS

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6/12	52,5	40 (45)	48	14	13	13,5	6	30,6	81	69	0,9	16,5	41	16
15/30/45	69	56	66	16	19	19,5	8	7,5	43	94,5	1,2	20	48	18,5
60/100/150	88	71	83	20	25	25,5	9	8,5	45,5	107	1,6	23	55,5	22
230/330	115	82	109	23	28,5	32	11,5	10,5	52	132	1,8	26	72	26
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1000	181	133	185	74	47	69	18,5	17/30	87,5	220x2	3,7	45	124	74
2000	181	157	185	74	54	69	17,5	17/30	99	232	3,7	35	124	74

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setting range up to 5000mm see series SKY-KS