

SIKKERHETSKOBLING

Serie SKB-EK

SKB-EK-6

- 2 - 1000Nm 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	77
Maximum bore	20
Minimum bore	6

technical data:

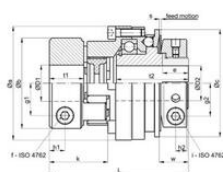
SKB size	setting range torque T_{set} [Nm]	moment of inertia J [kgm ²]	mass approx. [kg]	torsional stiffness [Nm/rad]	max. shaft misalignment axial & lateral [mm]	tightening torque of screws T_s [Nm]	e D1 min max	e D2 min max	
6	2 - 6	0,13	0,44	0,24	0,5	0,1	M5[8]	M5[10]	8 20 6 16
12	6 - 12	0,13	0,44	0,24	0,5	0,1	M6[14]	M6[18]	12 32 10 25,4
15	8 - 15	0,5	1	0,61	0,5	0,1	M6[14]	M6[18]	12 32 12 25,4
30	13 - 30	0,5	1	0,61	0,5	0,1	M6[14]	M6[18]	14 32 14 25,4
45	22 - 45	1,5	2	1,05	1	0,1	M8[35]	M8[40]	16 38 18 35
60	25 - 60	1,5	2	1,05	1	0,1	M8[35]	M8[40]	19 38 18 35
100	40 - 100	5,6	4,2	2,0	1	0,12	M12[115]	M10[80]	24 43 24 42
150	60 - 150	17,0	8,6	8,0	1	0,15	M14[185]	M14[220]	30 70 28 58
230	80 - 230	79,0	19,5	12	1	0,1	M14[185]	M16[290]	42 70 40 58
330	130 - 330	17,0	8,6	8,0	1	0,15	M14[185]	M16[290]	48 70 42 100

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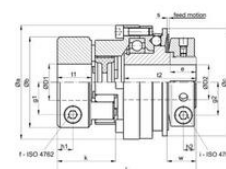
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material: safety part: heat treated steel
clamping hub: high-tensile aluminum
elastomer spider: polyurethane - 98 Shore A
screws: nickel-plated



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

SKB-EK	D1	D2	D3	e	g1	g2	h1	h2	k	Ls1	s	t1	t2	w
6/12	52,5	40	48	14	13	13,5	8	6	33	77	6,9	17	41	16
15/30/45	69	55	66	16	20	19,5	10	7,5	39	91,5	1,2	21	48	18,5
60/100/150	88	70	83	20	25	25,5	12	8,5	45	107	1,6	26,5	55,5	22
230/330	115	85	109	23	29	32	14	10,5	54	134	1,8	31	72	26,5
500/800	137	120	132	32	44	42	18	13,5	71	167,5	2,5	38	87,5	37
1000	181	120	185	74	44	69	18	17/30	72	204	3,7	38	89	74

*note: other shore hardnesses of elastomer spider are possible on request
coupling side with conical hub: see series SKB-ES

technical data:

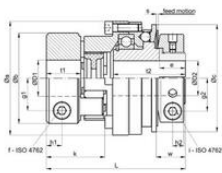
SKB size	setting range -EK disengagement torque T_{EK} [Nm]	moment of inertia J_{EK} [10 ⁻⁴ kgm ²]	mass approx. [kg]	torsional stiffness [Nm/radcm]	max. shaft mis- alignment [mm] axial x lateral	mis- alignment axial x lateral	tightening torque of screws J ¹ [Nm] J ² [Nm]	ø D1		ø D2	
								min	max	min	max
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60	25 - 60							19	38	18	35
100	40 - 100	1,5	2	1,05	1	0,1	M8[35] M8[40]	22	38	24	35
150	60 - 150							24	43	24	42
230	80 - 230	5,6	4,2	2,0	1	0,12	M12[115] M10[80]	32	43	32	42
330	130 - 330							30	70	28	58
500	200 - 500	17,0	8,6	8,0	1	0,15	M14[185] M14[220]	42	70	40	58
800	350 - 800	79,0	19,5	12	1	0,1	M14[185] M16[290]	48	70	42	100
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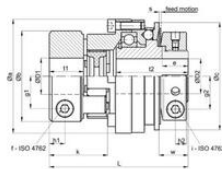
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