Safety Couplings I Series SKVA-KG *for direct drives*

- with metal bellows coupling attachment for direct drives
- all components made entirely of stainless steel
- with easy-to-assemble clamping hub or clamping ring hub

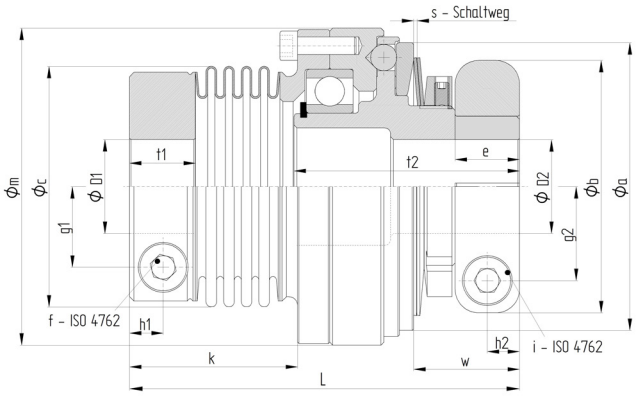
stainless steel

technical data:

SKVA-KG Size	setting range disengagement torque T_{KA} [Nm]	moment of inertia [kgm²]	mass approx. [kg]	torsional stiffness [Nm/arcmin]	max. shaft misalignment [mm] axial ±	lateral	tightening torque of screws f [Nm]	i [Nm]	bore diameter ø D1 min	ø D1 max	ø D2 min	ø D2 max.
12	5 - 12	0,0003	0,7	3,4	0,5	0,15	M5-5	M6-9	8	20	10	24
25	11 - 25	0,0004	0,9	9	0,6	0,2	M6-9	M6-9	10	28	15	24
38	20 - 38	0,0004	0,9	9	0,6	0,2	M6-9	M6-9	10	28	20	24
70	22 - 70	0,004	3,5	20	0,6	0,2	M8-24	M10-45	19	40	20	42
150	55 - 150	0,005	4	28	0,7	0,2	M10-45	M10-45	24	42	24	42
220	90 - 220	0,005	4	28	0,7	0,2	M10-45	M10-45	28	42	30	42
400	180 - 400	0,02	7,5	52	0,8	0,2	M12-80	M14-110	32	50	30	65
900	350 - 800	0,02	8	106	0,8	0,2	M14-110	M14-110	48	62	55	65

temperature range: -50°C up to +150°C





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

SKVA-KG	Øa	Øb	Øc	e	g1	g2	h1	h2	k	L ±1	Øm	s	t1	t2	w
12	52	52	40	14	13	19	6	7	36	80	62	1,2	13	44	22
25	52	52	56	14	18,5	19	7,5	7	52	96	62	1,2	16	44	22
38	52	52	56	14	18,5	19	7,5	7	52	96	62	1,2	16	44	22
70	98	86	71	22	25	32	9	11	55	126	108	1,7	19	77	36
150	98	86	82	22	27,5	32	11	11	57,5	133	108	1,7	23	77	36
220	98	86	82	22	27,5	32	11	11	57,5	133	108	1,7	23	77	36
400	129	118	101	28	33	45	12	14	72	160	143	2,5	26	93	46
900	129	118	122	28	40	45	15	14	81	169	143	2,5	30	93	46

notes:
- alternative lengths and hub designs available upon request (see SKVA-N)
- hub-shaft connection with shaft diameters smaller than Dmin - optionally with additional key
- clamping hubs generally with A4-80 stainless steel screws - optionally coated screws FKL 12.9 for higher clamping forces or higher torques or for shaft diameters smaller than Dmin.

order example: SKVA-KG 220 - D1 = Ø 35^{G7} - D1 = Ø 38^{G7} - T_{KA} = 160 Nm