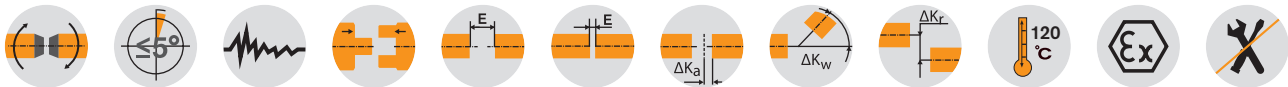
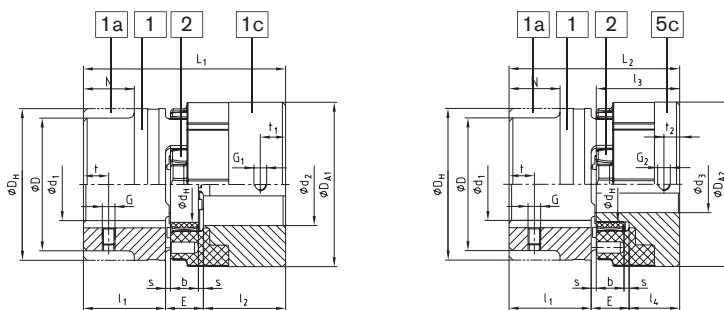


Single-cardanic shaft coupling (Non Sparking)



Components



ROTEX® Standard (St) ³⁾			ROTEX® SP Type GN (No. 080)							ROTEX® SP Type EN (No. 081)							
Size	Spider (part 2) 1) Rated torque [Nm]	Component steel (St)	Component SP	Dimensions [mm] ROTEX® SP component 1c						Component SP	Dimensions [mm] ROTEX® SP component 5c						
				maximum d ₂ ²⁾	l ₂	DA ₁	G ₁	t ₁	L ₁		maximum d ₂ ²⁾	l ₃	l ₄	DA ₂	G ₂	t ₂	L ₂
24	35	1a	1c	28	30	61	M5	10	78	5c	19	36	22	61	M5	6	70
		1b							98								90
28	95	1a	1c	32	35	72	M8	15	90	5c	22	42	26	72	M8	7	81
		1b							115								106
38	190	1	1c	42	45	87	M8	15	114	5c	28	50	30	87	M8	7	99
		1b							139								124
42	265	1	1c	48	50	103	M8	20	126	5c	35	56	34	103	M8	10	110
		1b							151								135
48	310	1	1c	55	56	114	M8	20	140	5c	40	60	36	114	M8	10	120
		1b							164								124
55	410	1	1c	65	65	130	M10	20	160	5c	45	66	40	130	M10	17	135
		1b							185								160
65	625	1	1c	75	75	146	M10	20	185	5c	55	75	44	146	M10	17	154
		1b							210								179

ROTEX® Standard (GJL) ⁴⁾			ROTEX® SP Type GN (No. 080)							ROTEX® SP Type EN (No. 081)							
Size	Spider (part 2) 1) Rated torque [Nm]	Component cast iron (GJL)	Component (SP)	Dimensions [mm] ROTEX® SP component 1c						Component SP	Dimensions [mm] ROTEX® SP component 5c						
				maximum d ₂ ²⁾	l ₂	DA	G	t	L		maximum d ₂ ²⁾	l ₂	l ₃	DA	G	t ₁	L ₁
38	190	1	1c	42	45	87	M8	15	114	5c	28	50	30	87	M8	7	99
		1a							139								124
		1b															
42	265	1	1c	48	50	103	M8	20	126	5c	35	56	34	103	M8	10	110
		1a							151								135
		1b															
48	310	1	1c	55	56	114	M8	20	140	5c	40	60	36	114	M8	10	120
		1a							164								144
		1b															
55	410	1	1c	65	65	130	M10	20	160	5c	45	66	40	130	M10	17	135
		1a															
65	625	1	1c	75	75	146	M10	20	185	5c	55	75	44	146	M10	17	154

¹⁾ Maximum torque of coupling TKmax. = rated torque of coupling TK rated x 2. Transmittable torque acc. to 92 Sh-A

²⁾ Bore H7 with keyway to DIN 6885 sheet 1 [JS9] and thread for setscrews

³⁾ ³⁾ For dimensions of standard ROTEX® hubs (St) 1, 1a, 1b see catalogue on page 36.

⁴⁾ ⁴⁾ For dimensions of standard ROTEX® hubs (GJL) 1, 1a, 1b see catalogue on page 34.

■ = Available from stock

Ordering example:	ROTEX® SP 38	GJL	92 Sh-A	1a	Ø45	1c	Ø42
	Coupling size	Material of component 1;1a;1b	Spider hardness	Component	Finish bore	Component	Finish bore