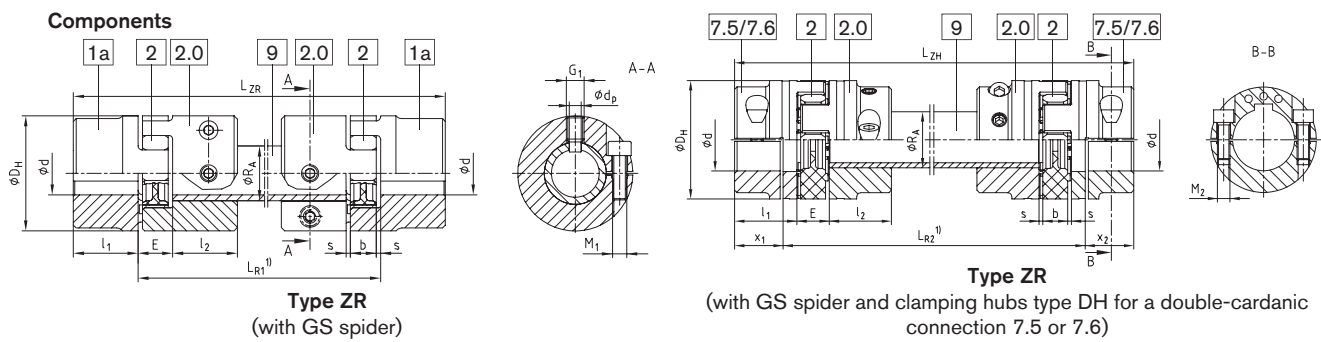
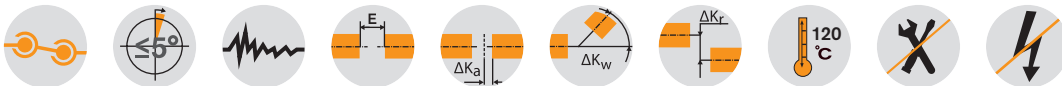


### Intermediate shaft programme



For legend of pictogram please refer to flapper on the cover



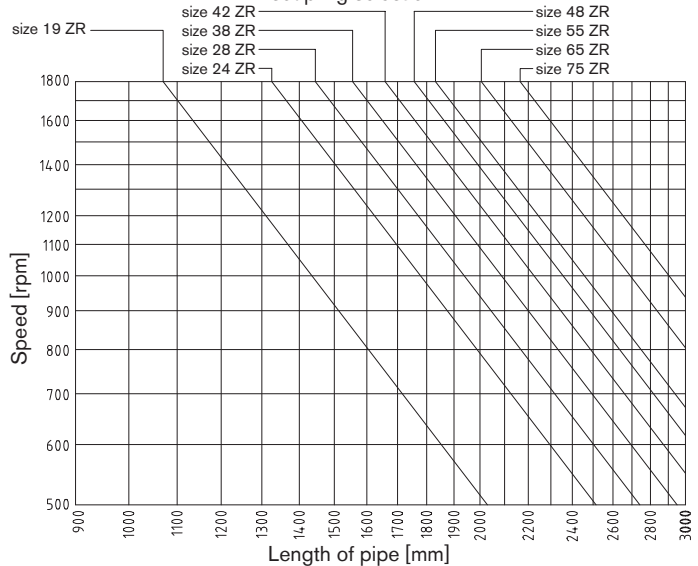
ROTEX® Type ZR																						
Size	Finish bore Ød		Dimensions [mm]							Intermediate pipe Torsional stiffness/m		Clamping screw Part 2.0		Clamping screw Component 7.5/7.6		LZR; LZH	min. LR1	min. LR2	Locking screw G1	Cone bore dp [mm]	Axial displacement [mm]	Angular displacement [degrees]
	Part 1a	Part 7.5/7.6	DH	l1; l2	x1; x2	E	s	b	RA	C <sup>2)</sup> [Nm <sup>2</sup> /rad]	M1	TA [Nm]	M2	TA [Nm]								
19	25	20	40	25	17,5	16	2,0	12	Ø20x3	954,9	M6	14	M6	10	LZR1 + 2 • l1 LZR2 + 2 • x1/2	110	97	M6	4,0	1,2	0,9	
24	35	28	55	30	22,5	18	2,0	14	Ø30x4	4522	M6	14	M6	14		128	111	M8	5,5	1,4	0,9	
28	40	38	65	35	25,5	20	2,5	15	Ø35x4	7611	M8	35	M8	35		145	129	M10	7,0	1,5	0,9	
38	48	45	80	45	35,5	24	3,0	18	Ø40x4	11870	M8	25	M8	35		180	157	M12	8,5	1,8	1,0	
42	55	55	95	50	39,0	26	3,0	20	Ø45x4	17487	M10	49	M10	69		198	174	M12	8,5	2,0	1,0	
48	62	60	105	56	45,0	28	3,5	21	Ø50x4	24648	M12	86	M12	120		217	190	M16	12	2,1	1,1	
55	74	70	120	65	50,0	30	4,0	22	Ø55x4	33544	M12	120	M12	120		242	220	M16	12	2,2	1,1	
65	80	80	135	75	60,0	35	4,5	26	Ø65x5	68329	M12	120	M12	120		281	250	M16	12	2,6	1,2	
75	95	90	160	85	67,5	40	4,0	30	Ø75x5	108000	M16	295	M16	295		318	285	M16	12	3,0	1,2	

<sup>1)</sup> For inquiries and orders please mention the shaft distance dimension LR1/LR2 along with the maximum speed to review the critical bending speed.

<sup>2)</sup> Torsion spring stiffness with a length of 1 m of intermediate pipe  
Finish bore acc. to ISO fit H7, feather keyway acc. to DIN 6885 sheet 1 - JS9  
Friction torques of clamping hubs have to be taken into account. Please order dimension sheet No. 583613.

Not permissible for crane and hoisting gear drives

Diagramme for coupling selection:



Ordering example:	ROTEX® 38	ZR	1200	98 Sh-A-GS	7.5	Ø 38	7.5	Ø30
	Coupling size	Type	Shaft distance dim. LR1/LR2	Spider hardness	Hub type	Finish bore	Hub type	Finish bore