



SHI-Type SHI 75-		1	2	3	4	5	6	
		Clamping Force F_A						
F_A	with airgap $c = 1,0$ mm	kN	18,3	22,4	25,4	30,6	44,5	49,8
F_A	with airgap $c = 2,0$ mm	kN	17,9	20,7	23,9	27,6	41,0	47,3
F_A	with airgap $c = 3,0$ mm	kN	17,6	19,0	22,4	24,6	37,0	44,4
		Torque Calculation						
M_{Br}	braking torque Nm	$2 \times F_A \times \mu \times (d/2-42,5)$						
		Hydraulic						
P_L	release pressure	bar	45	55	65	80	120	135
P_{max}	max. pressure	bar	85	85	110	110	150	175
V_{max}	volume @ $c=2,0$ mm	ltr	0,032					
		Brake Discs						
b	Disc thickness	mm	≥ 30					
d	Disc Diameter	mm						
d_1	max. hub / drum diam.	mm	$d-140$ mm					
		Mass						
		$L \times W \times H = 220 \times (520+b) \times 268$ mm						
		weight: 100 kg						

Mounting studs			
n	Number, Size, Grade	4xM20-12.9	
M_A	Fastening torque	Nm	690 at $\mu=0,14$
linings			
	Material	sinter	
	Friction coefficient	0,4	

Alterations reserved

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