



SHI-Type		51	52	53	54	
Clamping Force F_A						
F_A	with airgap $c = 1,0$ mm	kN	4,5	7,9	13,9	18,5
F_A	with airgap $c = 1,5$ mm	kN	4,4	7,7	13,0	16,4
F_A	with airgap $c = 2,0$ mm	kN	4,3	7,4	12,0	14,1
Torque Calculation						
M_{Br}	braking torque Nm	$2 \times F_A \times \mu \times (d/2-32)$				
Hydraulic						
P_L	release pressure	bar	30	55	105	150
P_{max}	max. pressure	bar	85	85	150	205
V_{max}	volume @ $c=2,0$ mm	ltr	0,004			
Brake Discs						
b	Disc thickness	mm	≥ 15			
d	Disc Diameter	mm				
d_1	max. hub / drum diam.	mm	$d-140$ mm			
Mass						
L x W x H = 115 x (295+b) x 167,5 mm						
weight: 12 kg						

Mounting studs			
n	Number, Size, Grade	3xM20-8.8	
M_A	Fastening torque	Nm	410 at $\mu=0,14$
linings			
	Material	sinter	
	Friction coefficient	0,4	