



SHI-Type			104	105
Clamping Force F_A				
F_A	with airgap $c = 1$ mm	kN	74,1	83,2
F_A	with airgap $c = 2$ mm	kN	68,7	77,0
F_A	with airgap $c = 3$ mm	kN	62,7	74,4
Torque Calculation				
M_{Br}	braking torque Nm	$2 \times F_A \times \mu \times (d/2-60)$		
Hydraulic				
P_L	release pressure	bar	80	95
P_{max}	max. pressure	bar	110	150
V_{max}	volume at $c = 2,0$ mm	ltr	0,046	
Brake Discs				
b	Disc thickness	mm	≥ 20	
d	Disc Diameter	mm		
d_1	max. hub or drum diameter	mm	d-280mm	
Mass				
$L \times W \times H = 255 \times (606+b) \times 310$ mm				
weight: 180 kg				

Mounting studs			
n	Number, Size, Grade	3xM30-12.9	
M_A	Fastening torque	Nm	2400 at $\mu = 0,14$
linings			
	Material	sinter	
	Friction coefficient	0,4	