



Mounting studs			
n	Number		6
	Size, Material		M42, 12.9
M_A	Fastening torque	Nm	6000 at $\mu=0,14$
linings			
	Material		sinter
	Friction coefficient		0,4

SHI-Type		251	252	
Clamping Force F_A				
F_A	with airgap $c = 1$ mm	kN	335	440
F_A	with airgap $c = 2$ mm	kN	302	400
F_A	with airgap $c = 3$ mm	kN	270	360
Torque Calculation				
M_{Br}	braking torque Nm	$2 \times F_A \times \mu \times (d/2-100)$		
Hydraulic				
P_L	release pressure	bar	105	140
P_{max}	max. pressure	bar	150	175
V_{max}	volume at $c=2,0$ mm	ltr	0,142	
Brake Discs				
b	Disc Thickness	mm	≥ 20	
d	Disc Diameter	mm		
d_1	max. hub or drum diameter	mm	d-490mm	
Mass				
L x W x H = 440 x (960+b) x 520 mm				
weight: 560 kg				