



Mounting studs			
n	Number, Size, Grade	3xM30-12.9 plus 4xdowel pin	
		Ø 30x100 DIN1481	
M _A	Fastening torque	Nm	2400 at $\mu=0,14$
linings			
	Material		sinter
	Friction coefficient		0,4

SHI-Type		106	107	
Clamping Force F _A				
F _A	with airgap c = 1 mm	kN	110	140
F _A	with airgap c = 2 mm	kN	98	115
F _A	with airgap c = 3 mm	kN	88	94
Torque Calculation				
M _{Br}	braking torque Nm	2 x F _A x μ x (d/2-60)		
Hydraulic				
P _L	release pressure	bar	145	175
P _{max}	max. pressure	bar	175	205
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 x W x H = 255 x (606+b) x 310 mm				
weight: 180 kg				