



optional limit switch:
lining wear

optional limit switch:
brake open / close

Mounting Studs			
n	quantity		10
	size, grade		M30, 12.9
M _A	fastening torque	Nm	2400 at μ=0,14
Linings			
	material		sinter
	friction coefficient *		0,4

*average friction coefficient with standard material combination and a circumferential speed up to 15 m/s

SHI-Type		251 FC	252 FC
Clamping Force F_A			
F _A	with airgap c = 1 mm	kN	302
F _A	with airgap c = 1,5 mm	kN	270
Torque Calculation			
M _{Br}	braking torque Nm	2 x F _A x μ x (d/2-100)	
Hydraulic			
P _L	release pressure	bar	105
P _{max}	max. pressure	bar	205
V _{max}	volume at c= 1,5 mm	ltr	0,106
Brake Discs			
b	disc thickness	mm	20 ≤ b ≤ 40
d	disc-Ø	mm	1300 ≤ d ≤ 2200
d ₁	max. hub- / drum-Ø	mm	d-490
Dimensions			
L x B x H = 470 x (628+b) x 920 mm			
max. weight: 730 kg			

When ordering please advise: right hand version, as shown; left hand version, mirror inverted!