



optional limit switch:
lining wear

optional limit switch:
brake open / close

Mounting Studs			
n	quantity		10
	size, grade		M30, 8.8
M _A	fastening torque	Nm	1450 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		281 FC	282 FC	
Clamping Force F_A				
F _A	with airgap c = 1 mm	kN	425	510
F _A	with airgap c = 1,5 mm	kN	395	465
Torque Calculation				
M _{Br}	braking torque Nm	2 x F _A x μ x (d/2-112.5)		
Hydraulic				
P _L	release pressure	bar	135	165
P _{max}	max. pressure	bar	175	205
V _{max}	volume at c= 1,5 mm	ltr	0,09	
Brake Discs				
b	disc thickness	mm	30 ≤ b ≤ 40	
d	disc-Ø	mm	1600 ≤ d ≤ 5000	
d ₁	max. hub- / drum-Ø	mm	d - 545	
Dimensions				
L x W x H = 645 x (756+b) x 1172 mm				
max. weight: 1120 kg				

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