



optional limit switch:
lining wear

optional limit switch:
brake open / close

hydraulic connection G 1/2"

SHI-Type		201 FC	202 FC	
Clamping Force F_A				
F_A	with airgap $c = 1 \text{ mm}$	kN	160	220
F_A	with airgap $c = 1,5 \text{ mm}$	kN	150	200
Torque Calculation				
M_{Br}	braking torque Nm	$2 \times F_A \times \mu \times (d/2-60)$		
Hydraulic				
P_L	release pressure	bar	115	160
P_{max}	max. pressure	bar	150	205
V_{max}	volume at $c = 1,5 \text{ mm}$	ltr	0,053	
Brake Discs				
b	disc thickness	mm	$20 \leq b \leq 40$	
d	disc-Ø	mm	≥ 1100	
d_1	max. hub- / drum-Ø	mm	$d - 360$	
Dimensions				
$L \times W \times H = 395 \times (524+b) \times 740 \text{ mm}$				
max. weight: 430 kg				

Mounting Studs			
n	quantity		10
	size, grade		M24, 10.9
M_A	fastening torque	Nm	1000 at $\mu=0,14$
Linings			
	material		sinter
	friction coefficient *		0,4

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

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