



SHI-Type		281	282	
Clamping Force F_A				
F_A	with airgap $c = 1$ mm	kN	455	555
F_A	with airgap $c = 2$ mm	kN	425	510
F_A	with airgap $c = 3$ mm	kN	395	465
Torque Calculation				
M_{Br}	braking torque	Nm	$2 \times F_A \times \mu \times (d/2-112,5)$	
Hydraulic				
P_L	release pressure	bar	135	165
P_{max}	max. pressure	bar	175	205
V_{max}	volumen at $c = 2,0$ mm	ltr	0,181	
Brake Discs				
b	disc thickness	mm	- 30	
d	disc-Ø	mm	- 1600	
d_1	max. hub or drum-Ø	mm	d-545mm	
Dimensions				
L x W x H = 515 x (945+b) x 540 mm				
weight: 900 kg				

Mounting Studs		
n	quantity	8
	size, grade	M42, 12.9
M_A	fastening torque	Nm 6200 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