



RHI-Type		30	56	70	85	125	
Braking Force F_B ($\mu = 0.35$)							
F_B	@ air gap $c = 1,5$ mm	kN	30	56	70	85	125
Torque Calculation							
M_{Br}	braking torque in Nm	$F_B \times (D-95)/2$					
Hydraulic							
P_L	req. release pressure	bar	40	65	80	90	90
P_{max}	max. operating press.	bar	75	100	115	125	125
V_{max}	oil volume @ $c=1,5$ mm	ltr	0,18				
Wheel dimensions							
b	wheel width	mm	170 - 225				
D	wheel diameter	mm	ØD				
d ₁	max. inner diam.	mm	d- 95 mm				
Mass							
L x W x H = ---- x (----+b) x ---- mm							
weight: 180 kg							

Linings		
material		sinter
average friction coeff	μ	0,35