



RHI-FC-Type		101	102	103	104	105	
Clamping Force F_A							
F_A	@ air gap $c = 1 \text{ mm}$	kN	29,0	45,1	55,4	74,1	83,2
F_A	@ air gap $c = 2 \text{ mm}$	kN	28,0	43,7	52,2	68,7	77,0
F_A	@ air gap $c = 3 \text{ mm}$	kN	27,0	41,3	48,8	62,7	74,4
Torque Calculation							
M_{Br}	braking torque in Nm	2 x F_A x 0,35 x (d/2-60)					
Hydraulic							
P_L	req. release pressure	bar	35	50	60	80	95
P_{max}	max. operating press.	bar	85	85	110	110	150
V_{max}	oil volume @ $c=2,0\text{mm}$	ltr	0,046				
Wheel dimensions							
b	wheel width	mm					
d	wheel diameter	mm					
d_1	max. hub diam.	mm	d-280mm				
Masses							
L x W x H = === x (===+b) x === mm							
weight: 180 kg (with console and floating bracket)							

Linings		
material		sinter
average friction coeff	μ	0,35

Alterations reserved

SIBRE Siegerland-Bremsen GmbH – Auf der Stücke 1-5 – D-35708 Haiger, Germany
Tel.: +49 2773 94000 – Fax: +49 2773 9400-10 – e-mail: info@sibre.de – www.sibre.de