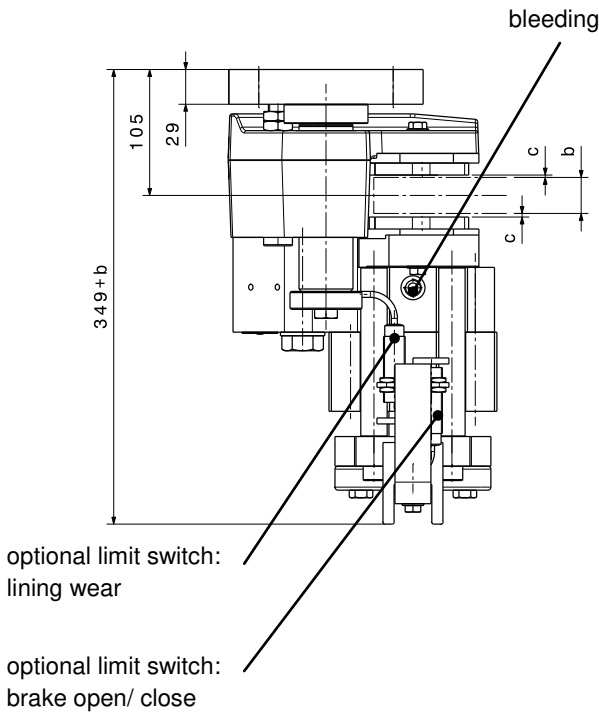


hydraulic connection M14x1.5



SHI-Type SHI 75-		1	2	3	4	5	6	
Clamping Force F_A								
F_A	with airgap $c = 1,0$ mm	kN	17,9	20,7	23,9	27,6	41,0	47,3
F_A	with airgap $c = 1,25$ mm	kN	17,7	19,9	23,1	26,1	39,1	46,0
F_A	with airgap $c = 1,5$ mm	kN	17,6	19,0	22,4	24,6	37,0	44,4
Torque Calculation								
M_{Br}	braking torque	Nm	2 x F_A x μ x (d/2-42,5)					
Hydraulic								
P_L	release pressure	bar	45	55	65	80	120	135
P_{max}	max. pressure	bar	85	85	110	110	150	175
V_{max}	volume at $c = 1,5$ mm	ltr	0,024					
Brake Disc								
b	disc thickness	mm	20 ≤ b ≤ 40					
d	disc-Ø	mm	400 ≤ d ≤ 2000					
d_1	max. hub-/ drum-Ø	mm	d-230 mm					
Dimensions								
L x B x H = 225 x (349+b) x 354 mm								
max. weight: 85 kg								

Mounting Studs			
n	quantity	4	
	size, grade	M20, 12.9	
M_A	fastening torque	Nm	690 at $\mu = 0,14$
Linings			
	material	Sinter	
	friction coefficient*	μ	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!