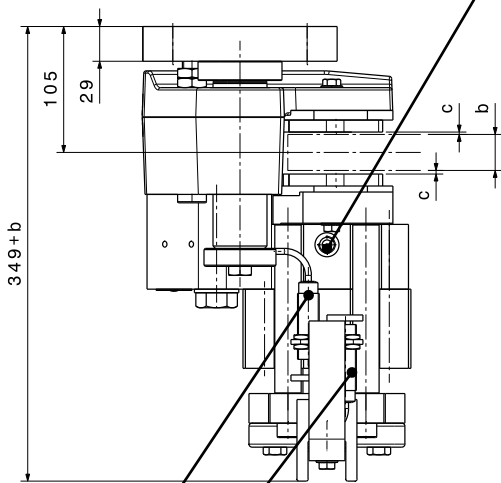


hydraulic connection M14x1.5

bleeding



optional limit switch:
lining wear

optional limit switch:
brake open/ close

| 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

| 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 = 1,5mm | 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 | | | | | | | | |

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