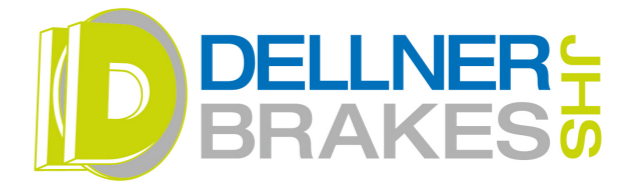


Active yaw brake caliper



hält



This brake is a perfect example of how a premium product can be made out of an industry standard if you opt for the right components from the very beginning.

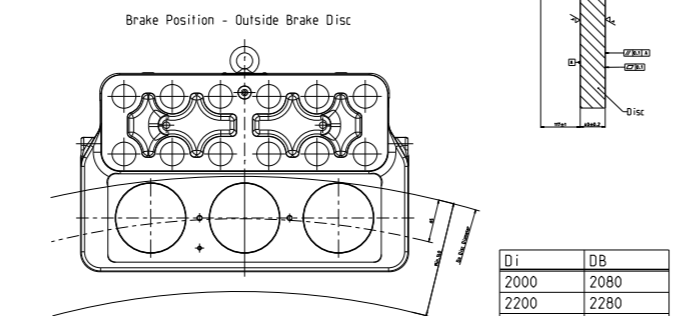
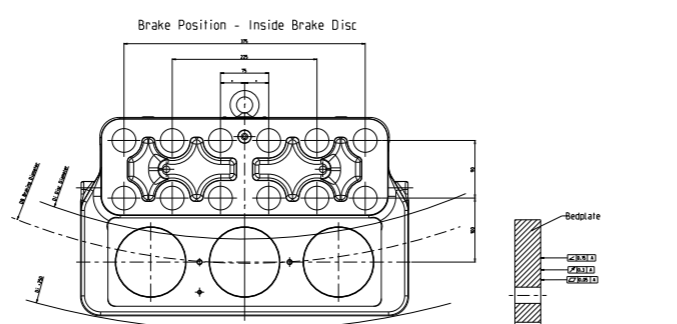
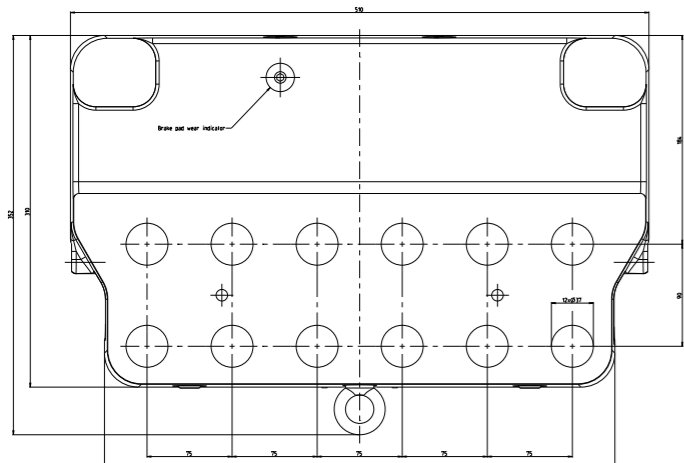
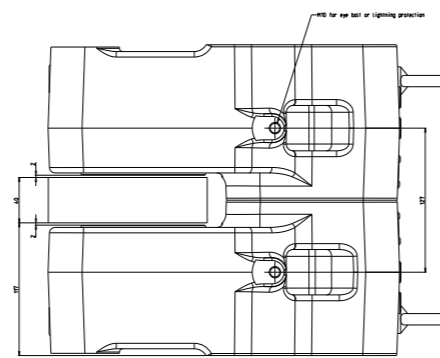
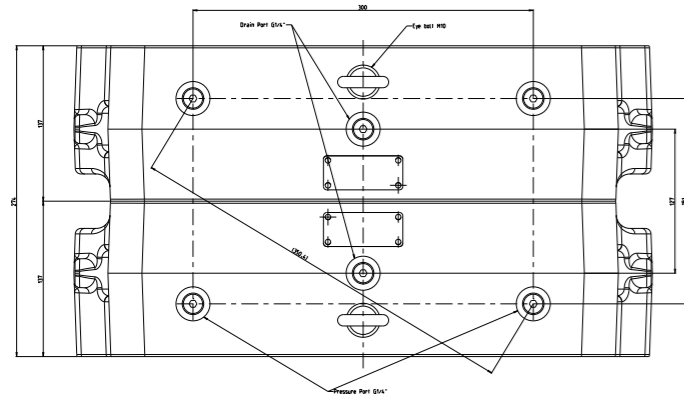
Holger Brink, Manufacturing

JHS-32



- Brake hydraulically applied
- Airgap between brake pad and disc up to 2 mm per side
- Special epoxy resin pads with GFK carrier plate
- Tight fitting between brake pad and caliper
- Drain ports for hydraulic oil leakage, prevents oil on brake disc, high safety
- Min. / Max. working temperature -40 / +60 °C

JHS-32



Di	DB
2000	2080
2200	2280
2400	2480
2600	2680
2800	2880
3000	3080
>3200	Da+100

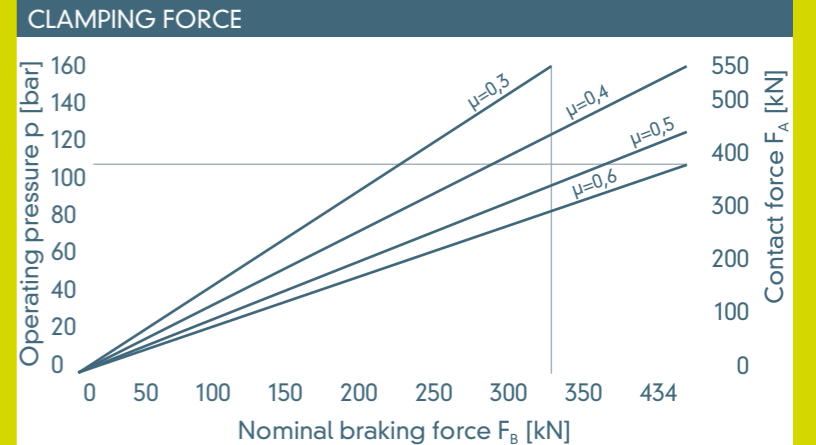
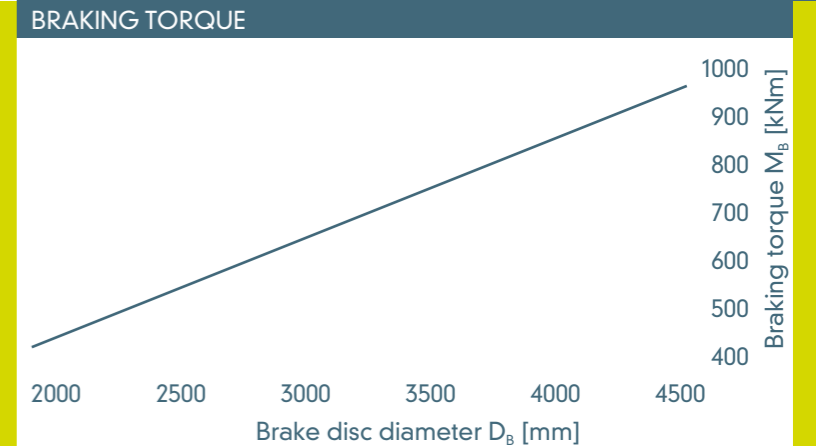
TYPE JHS-32	
Contact force F_A	542 kN
Operating pressure p (max)	160 bar
Piston area (per side)	339 cm ²
Volume at 1 mm stroke (per side)	33,9 cm ³
Temperature range	-40 / +60 °C
Weight	198 kg
Pressure connection port	G1/4
Drain connection port	G1/4

BRAKE PAD	
Pad area (each side)	285,1 cm ²
Brake pad width	138 mm
Theor. friction coefficient	0,4 μ

BRAKE DISC	
Brake disc ϕd_2	min. 2000 mm
Disc thickness (standard)	40 mm

BRAKING TORQUE	
Braking torque formula:	
$F_A = p \times 3,393$	
$F_B = F_A \times 2 \times \mu$	
$M_B = a \times F_B \times D_B / 2$	

- F_A = Contact force [kN]
- p = Operating pressure [bar]
- F_B = Nominal braking force [kN]
- M_B = Braking torque [kNm]
- a = Number of calipers acting on the disc
- D_B = Brake disc diameter [m]



- | OPTIONS | |
|---|--|
| • Complete piped supports for one more calipers | |
| • Hydraulic power unit | |
| • Brake disc | |
| • Brake pad with different material | |
| • Brake pad wear indicator | |