

2D Zeichnung und Abmessungen s. S. 2

Bremsmoment M_{br} [kNm] = Bremskraft [kN] x eff. Bremsscheibenradius [m]
 eff. Bremsscheibenradius = (0,5 x Bremsscheibenaußen-Ø [m]) - 0,049 m

Typ	Artikel-Nr.	Bremskraft [kN]	Bremskraftverlust pro 1 mm Hub [%]	$p_{min.}$ [bar]	$p_{max.}$ [bar]
EBS 001 – 30 FL	60099-30FL	30	15,4	154	200
EBS 001 – 22 FL	60099-22FL	22	15,8	103	149
EBS 001 – 15 FL	60099-15FL	15	16,2	72	118

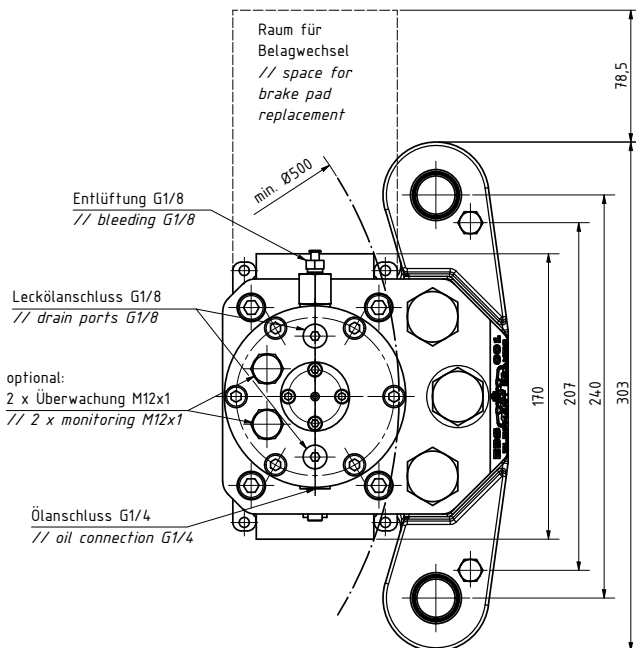
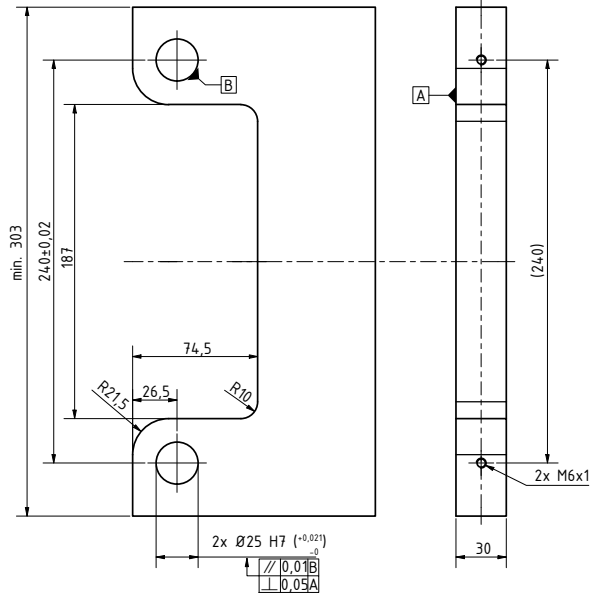
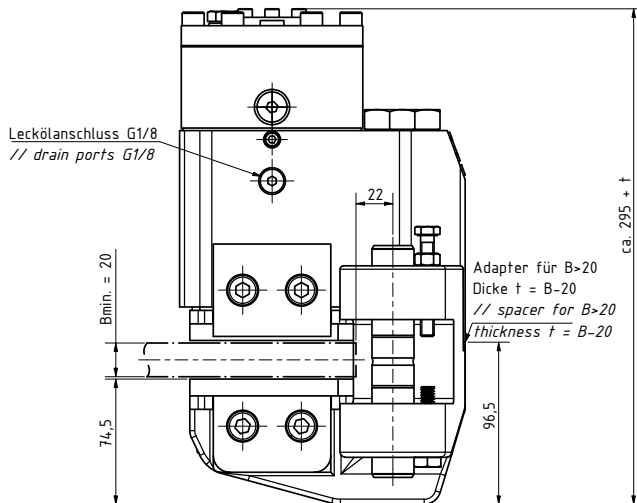
Ölbedarf bei 0,5 mm Luftspalt je Seite: 2 cm³

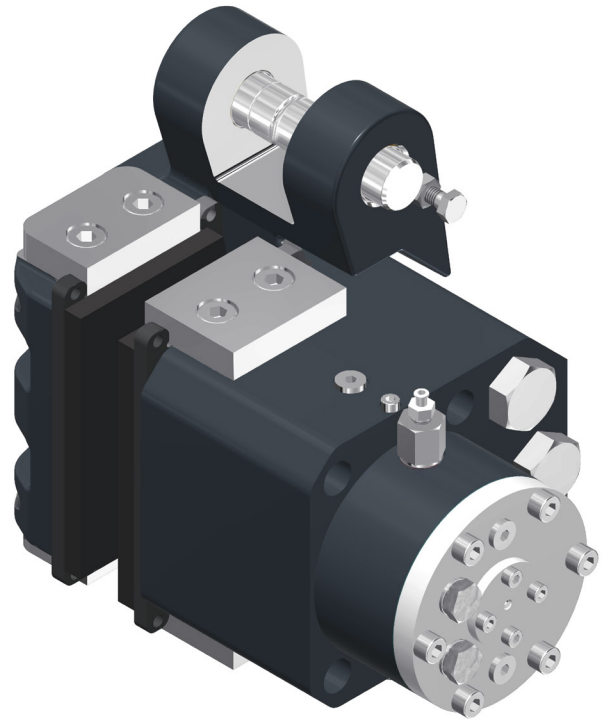
Bremse geeignet zum Anbau an Bremsscheiben nach DIN 15432 Dmin. Ø ≥ 500 mm

Masse: 40 kg

Alle Angaben basierend auf 0,5 mm Luftspalt je Seite, Reibwert $\mu = 0,34$

Änderungen vorbehalten





2D-drawing and dimensions see pg. 2

Braking torque T_{Br} [kNm] = Braking force [kN] x eff. disc radius [m]
eff. disc radius = (0,5 x brake disc o/d [m]) - 0,049 m

Type	<i>Part-No.</i>	Braking force [kN]	Loss of force per 1 mm stroke [%]	$p_{min.}$ [bar]	$p_{max.}$ [bar]
EBS 001 – 30 FL	60099-30FL	30	15,4	154	200
EBS 001 – 22 FL	60099-22FL	22	15,8	103	149
EBS 001 – 15 FL	60099-15FL	15	16,2	72	118

Oil demand at 0,5 mm air gap per side: 2 cm³

Brake suitable for mounting on brake discs according to DIN 15432 Dmin. $\varnothing \geq 500$ mm

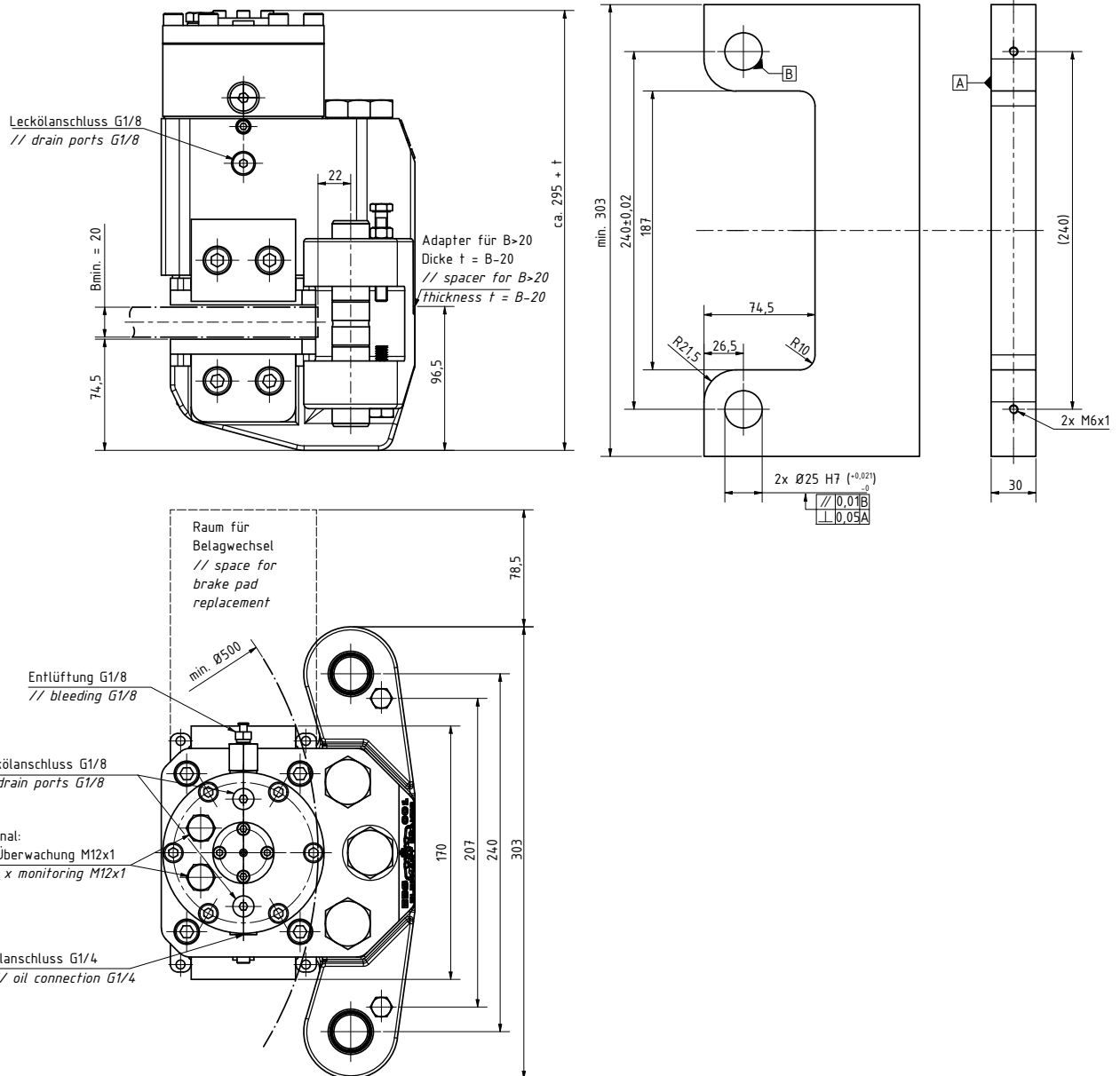
Mass: 40 kg

All information based on 1 mm air gap per side, coefficient of friction $\mu = 0.34$

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Elephant Brakes by Rietschoten Germany. Strong like an elephant. Smart like an elephant.

Deutsche van Rietschoten & Houwens GmbH · Junkersstraße 12 · 30179 Hannover · www.elephantbrakes.com



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