

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]) - 0,078 m

| Typ             | Artikel-Nr.       | Bremskraft [kN] | Bremskraftverlust pro 1 mm Hub [%] | $p_{min.}$ [bar] | $p_{max.}$ [bar] |
|-----------------|-------------------|-----------------|------------------------------------|------------------|------------------|
| EBS 002 – 47 FL | <b>60096-47FL</b> | 47              | 7,4                                | 143              | 188              |
| EBS 002 – 43 FL | <b>60096-43FL</b> | 43              | 8                                  | 134              | 176              |
| EBS 002 – 40 FL | <b>60096-40FL</b> | 40              | 9                                  | 125              | 170              |
| EBS 002 – 36 FL | <b>60096-36FL</b> | 36              | 10                                 | 109              | 154              |
| EBS 002 – 34 FL | <b>60096-34FL</b> | 34              | 9,5                                | 101              | 146              |
| EBS 002 – 31 FL | <b>60096-31FL</b> | 31              | 11,2                               | 96               | 141              |
| EBS 002 – 29 FL | <b>60096-29FL</b> | 29              | 13,5                               | 91               | 136              |

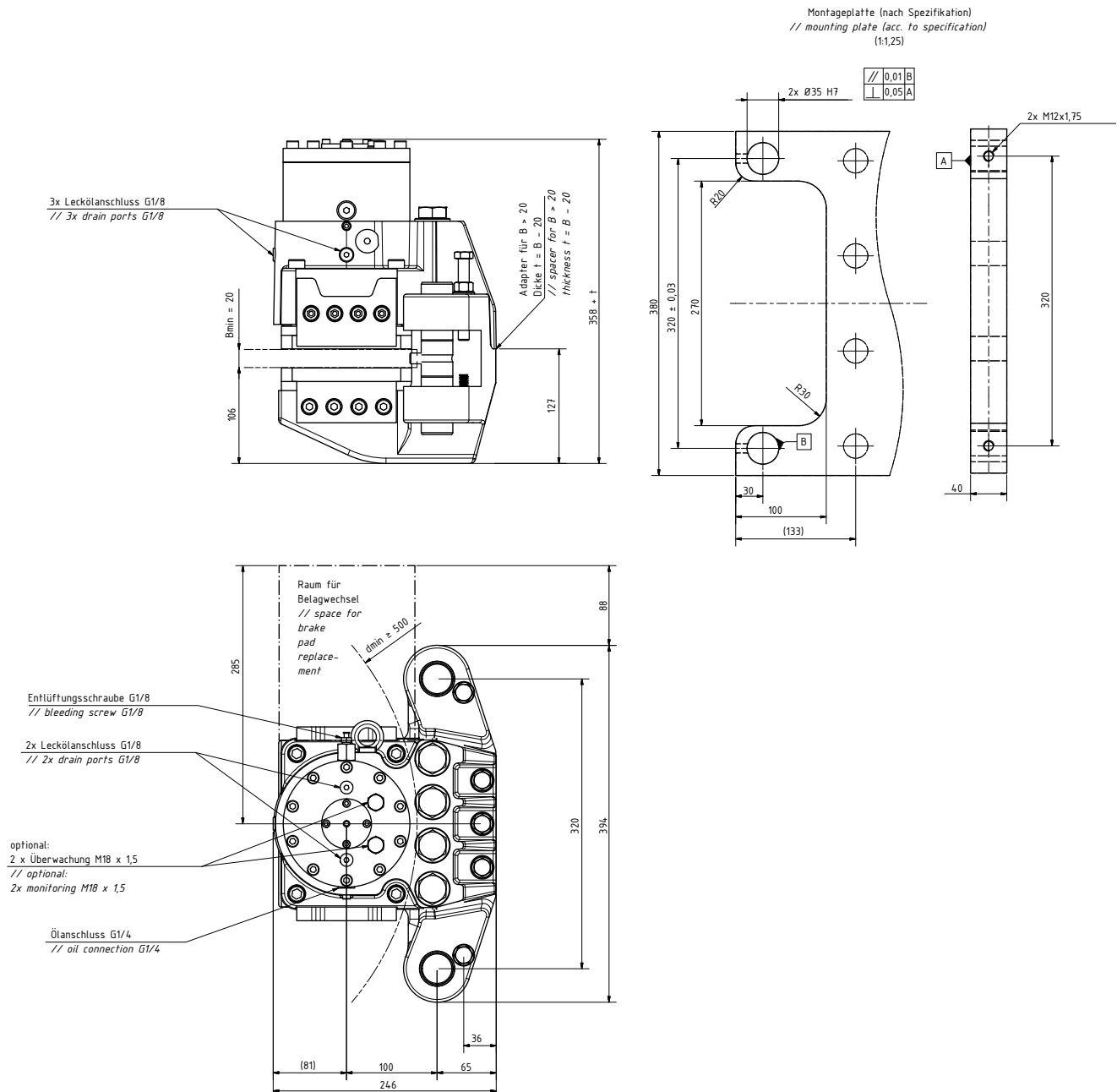
Ölbedarf bei 1 mm Luftspalt: 7 cm<sup>3</sup>

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

Masse: 80 kg

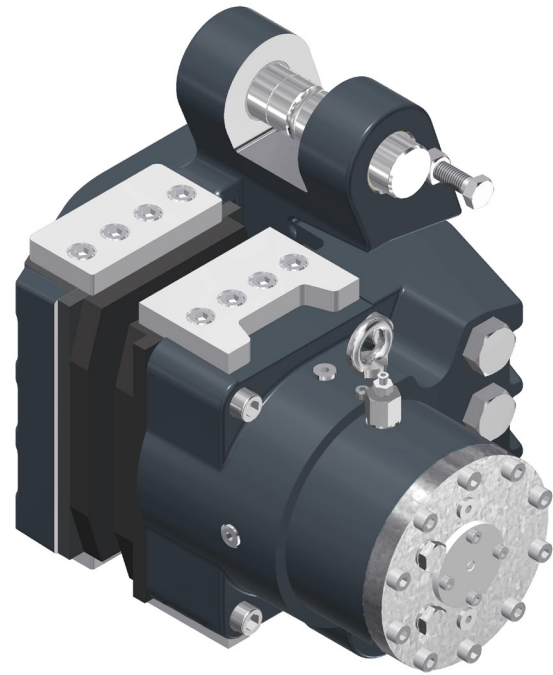
Alle Angaben basierend auf 1 mm Luftspalt je Seite, Reibwert  $\mu = 0,34$

Änderungen vorbehalten



Befestigungsschrauben und -muttern gehören nicht zum Lieferumfang.  
min. Qualität der Befestigungsmittel: 8.8

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]) - 0,078 m

| Type            | <i>Part-No.</i>   | Braking force [kN] | Loss of force per 1 mm stroke [%] | $p_{min.}$ [bar] | $p_{max.}$ [bar] |
|-----------------|-------------------|--------------------|-----------------------------------|------------------|------------------|
| EBS 002 – 50 FL | <b>60096-50FL</b> | 50                 | 7,4                               | 135              | 180              |
| EBS 002 – 48 FL | <b>60096-48FL</b> | 48                 | 8                                 | 126              | 171              |
| EBS 002 – 45 FL | <b>60096-45FL</b> | 45                 | 9                                 | 118              | 163              |
| EBS 002 – 41 FL | <b>60096-41FL</b> | 41                 | 10                                | 109              | 154              |
| EBS 002 – 37 FL | <b>60096-37FL</b> | 37                 | 9,5                               | 101              | 146              |
| EBS 002 – 35 FL | <b>60096-35FL</b> | 35                 | 11,2                              | 96               | 141              |
| EBS 002 – 32 FL | <b>60096-32FL</b> | 32                 | 13,5                              | 91               | 136              |

Oil demand at 1 mm air gap: 7 cm<sup>3</sup>

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

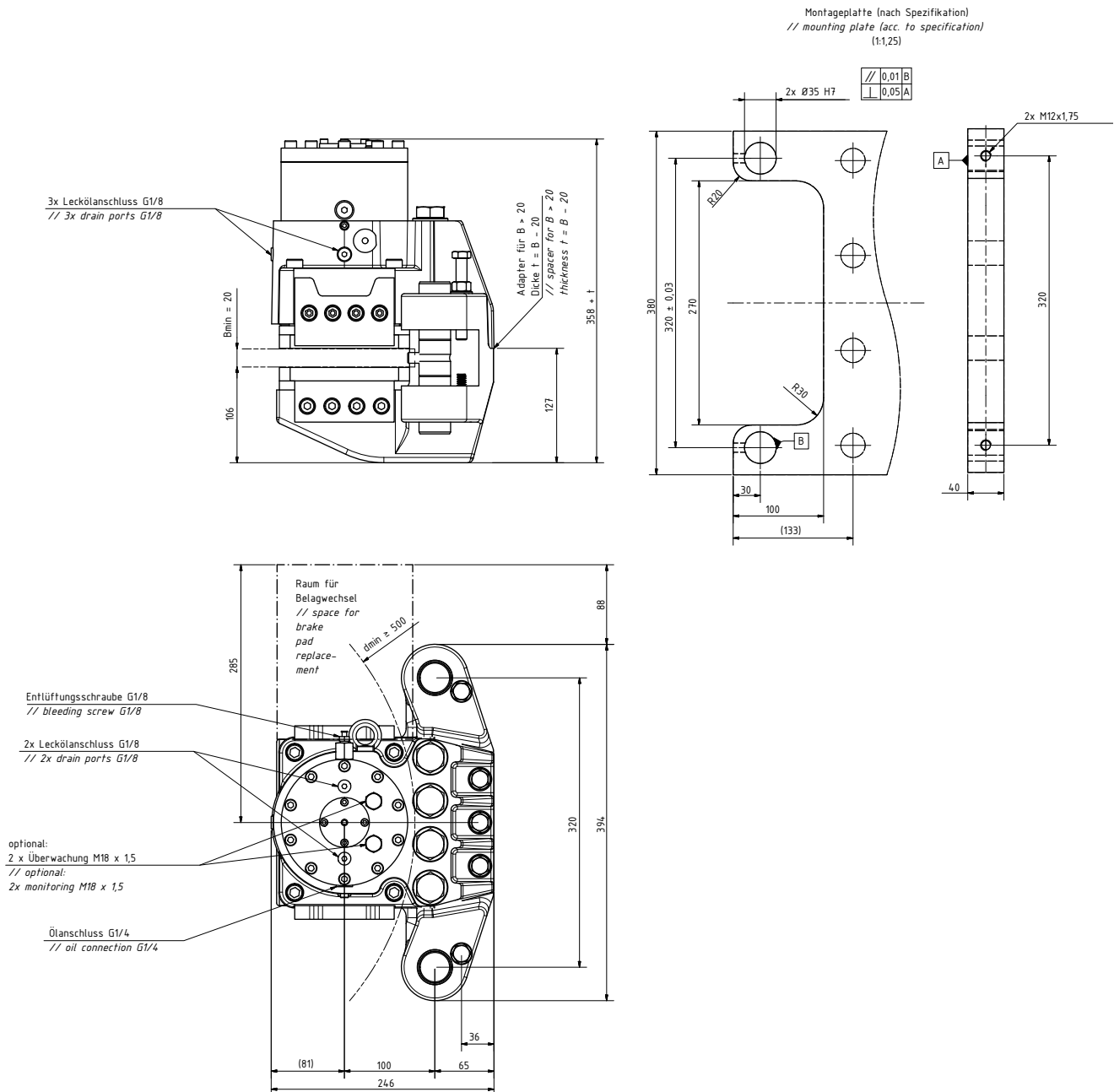
Mass: 80 kg

All information based on 0,5 mm air gap per side, coefficient of friction  $\mu = 0.34$

Subject to change without notice.

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

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Fixing screws and nuts are not scope of supply.  
Min. quality of fixing materials: 8.8

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