

output shaft bearing: grooved ball bearing 2RS

- max. radial load: 2600N by n2=100 1/min Lh > 10.000h
- max. axial load: 1000N by n2=100 1/min Lh > 10.000h
- reference to shaft center at temp. = 30°C

straight-toothed planetary gearbox

backlash at output shaft:

≤ 8 arcmin; reduced ≤ 6 arcmin

lifetime: > 30.000h

efficiency: by rated load 94% (depends on ratio)

lubrication: lifetime-lubrication


nominal output torque at n1 = 3000 1/min

operating temperature: -20°C bis +90°C

motor mounting: M2 (stocked driving pinion)

- torque of clamping screw: 11 Nm
- operation mode: S1
operation ratio: CB1
protection system IP 54

| i = | 3 | 4 | 5 | 7 | 10 |
|-------------------------------|-----|-----|-----|-----|-----|
| nominal output torque [Nm] | 100 | 120 | 120 | 120 | 105 |
| max. acceleration torque [Nm] | 180 | 200 | 200 | 200 | 180 |
| emergency torque [Nm] | 200 | 480 | 480 | 480 | 410 |

| | | | | | | | | | | |
|--------------------|----------|----------------------------------|------|------------------|--|---|-------------|-----------------------|---------------|--|
| | | Allgemein-toleranzen ISO 2768-mH | | Kanten ISO 13715 | | Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr) | | (Gewicht) | | |
| Verwendungsbereich | | Datum | | Name | | EPL 118/1 19x40 | | pd95 bc135 4xM8 sq120 | | |
| | | Bearb. 06.09.16 | | BITZER | | | | | | |
| | | Gepr. | | | | | | | | |
| | | Norm | | | | | | | | |
| | | Tolerierung ISO 8015 | | | | | | | | |
| Zust. | Änderung | Datum | Name | Ursprung |  | | Ersatz für: | | Ersatz durch: | |
| | | | | | | | DS1184004-1 | | Blatt 1 | |

consider mounting instruction
subject to modifications