



- output shaft bearing: grooved ball bearing 2RS
- max. radial load: 2600N by $n_2=100$ 1/min $L_h > 10.000h$
 - max. axial load: 1000N by $n_2=100$ 1/min $L_h > 10.000h$
 - 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 $n_1 = 3000$ 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 |

consider mounting instruction
subject to modifications

| | | | | | | | |
|----------------------|----------|-------|------|---|------------------------|---|------------|
| Zust. | Anderung | Datum | Name | Ursprung: | Ersatz für: | Ersatz durch: | Blatt 1 |
| | | | | | DS11804.08-1 | | 1 Bl. |
| Verwendungsbereich | | | | Allgemein- toleranzen ISO 2768-mH | Kanten ISO 13715 | Maßstab (Werkstoff, Halbzeug) (Rohrteil-Nr.) (Modell- oder Gesenk-Nr.) | (Gewicht) |
| Datum | | | | Bearb. 05.09.16 | Name BITZER | EPL 118/1 11x23 | |
| Norm | | | | Gepr. | | pd60 bc75 4xø5,5 ø118 | |
| Tolerierung ISO 8015 | | | | | | | |
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