



- output shaft bearing: grooved ball bearing 2RS
- max. radial load: 1300N by n2=100 1/min Lh > 10.000h
 - max. axial load: 500N by n2=100 1/min Lh > 10.000h
 - reference to shaft center at temp. = 30°C
- straight-toothed planetary gearbox
- backlash at output shaft:
- ≤ 10 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: 6 Nm
- operation mode: S1
- operation ratio: CB1
- protection system IP 54

| i = | 3 | 4 | 5 | 7 | 10 |
|-------------------------------|-----|-----|-----|-----|-----|
| nominal output torque [Nm] | 40 | 54 | 54 | 54 | 40 |
| max. acceleration torque [Nm] | 70 | 100 | 100 | 100 | 75 |
| emergency torque [Nm] | 160 | 216 | 216 | 216 | 160 |

| | | | | | | | | | | | | | |
|--------------------|--|----------------------------------|--|-------|--|--------|--|------------------|--|------------------------------------|--|---------------|--|
| Zust | | Änderung | | Datum | | Name | | Ursprung | | Ersatz für: | | Ersatz durch: | |
| | | | | | | | | | | DS0840432-1 | | | |
| Verwendungsbereich | | Allgemein-toleranzen ISO 2768-mH | | Datum | | Name | | Kanten ISO 13715 | | Maßstab | | (Gewicht) | |
| | | Bearb. 04.06.16 | | | | BITZER | | | | (Werkstoff, Halbzeug) (Rohteil-Nr) | | | |
| | | Gepr. Norm | | | | | | | | (Modell- oder Gesenk-Nr) | | | |
| | | Tolerierung ISO 8015 | | | | | | | | EPL 84/1 14x30 | | | |
| | | | | | | | | | | pd/0 bc85 4xM6 sq90 | | | |
| | | | | | | | | | | EISELE Antriebstechnik | | | |
| | | | | | | | | | | 1 Blatt | | | |
| | | | | | | | | | | 1 Bl. | | | |

consider mounting instruction
subject to modifications