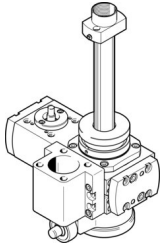



Rotary lifting module EHMB-20-200

Part number: 1107097

FESTO



Data sheet

 General operating condition

| Feature | Value |
|--|-------------------------------------|
| Drive pinion diameter | 6 mm |
| Working stroke | 0 mm ... 200 mm |
| Size | 20 |
| Rotation angle | Infinite |
| Toothed-belt pitch | 2 mm |
| Mounting position | Any |
| Type of gear unit | Toothed belt drive |
| Design | With toothed belt |
| Gear unit ratio | 4.5:1 |
| Position detection | For inductive sensors |
| Max. drive output speed | 300 rpm |
| Max. drive input speed | 1350 rpm |
| Max. speed | 1.5 m/s |
| Repetition accuracy | ±0.03 ° |
| Sound pressure level | 54 dB(A) |
| Information on the sound pressure level | With covering: 57 [dB (A)] |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Ambient temperature | -10 °C ... 60 °C |
| Mass moment of inertia | 1000 kgcm ² |
| Max. output torque | 3.15 Nm |
| Max. drive torque | 0.7 Nm |
| Max. feed force Fx | 480 N |
| Frictional torque independent of load | <0.07 Nm |
| Reference value effective load, horizontal | 3 kg |
| Reference value effective load, vertical | 3 kg |
| Product weight | 1851 g |
| Moving mass | 885 g |
| Material drive shaft | Steel |
| Note on materials | RoHS compliant |
| Material flange | Anodised wrought aluminium alloy |
| Material drive shaft | High-alloy stainless steel |
| Material cover | Wrought aluminium alloy anodised |
| Material housing | anodised |
| Material retaining | Wrought aluminium alloy, anodised |
| Material retaining bracket | Anodised wrought aluminium alloy |

| Feature | Value |
|-----------------------|----------------------------------|
| Material toothed belt | Polychloroprene with glass fibre |