


Rotary module ERMB-32

Part number: 552708

FESTO



 General operating condition

Data sheet

| Feature | Value |
|------------------------------------|------------------------------------|
| Size | 32 |
| Structural design | with toothed belt |
| Mounting position | Any |
| Rotation angle | Infinite |
| Gear ratio | 3:1 |
| Repetition accuracy | ±0.03° |
| Position sensing | For inductive proximity sensors |
| Permissible mass moment of inertia | 1 kgm ² |
| Product weight | 3250 g |
| Drive pinion diameter | 12 mm |
| Toothed belt pitch | 5 mm |
| Max. output speed | 300 rpm |
| Max. input speed | 900 rpm |
| Max. output torque | 25.5 Nm |
| Max. driving torque | 8.5 Nm |
| No-load driving torque | <0.5 Nm |
| Degree of protection | IP20 |
| Noise level | 53 dB(A) |
| Ambient temperature | -10 °C ... 60 °C |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Note on materials | RoHS-compliant |
| Housing material | Anodized |
| Material of drive shaft | Wrought aluminum alloy Anodized |
| Drive shaft material | High-alloy stainless steel |
| Cover material | Wrought aluminum alloy Anodized |
| Toothed belt material | Polychloroprene with glass fiber |