


# Rotary module ERMB-32

Part number: 552708

FESTO



 [General operating condition](#)

## Data sheet

| Feature                               | Value  |
|---------------------------------------|--|
| Size                                  | 32   |
| Design                                | Electromechanical rotary module<br>With toothed belt |
| Mounting position                     | optional   |
| Rotation angle                        | Infinite   |
| Gear unit ratio                       | 3:1  |
| Product weight                        | 3250 g   |
| Drive pinion diameter                 | 12 mm  |
| Toothed-belt pitch                    | 5 mm   |
| Max. drive output speed               | 300 rpm  |
| Max. drive input speed                | 900 rpm  |
| Max. drive torque                     | 8.5 Nm   |
| Frictional torque independent of load | <0.5 Nm  |
| Ambient temperature                   | -10 °C ... 60 °C                                     |
| LABS (PWIS) conformity                | VDMA24364 zone III                                   |
| Note on materials                     | RoHS-compliant                                       |
| Material housing                      | Wrought aluminium alloy<br>Anodised                  |
| Material drive shaft                  | Wrought aluminium alloy<br>Anodised                  |
| Material drive shaft                  | High-alloy stainless steel                           |
| Material cover                        | Wrought aluminium alloy<br>Anodised                  |
| Material toothed belt                 | Polychloroprene with glass fibre                     |