

# Rotary module ERMB-32

Part number: 552708

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	32
Design	Electromechanical rotary module With toothed belt
Mounting position	optional
Rotation angle	Infinite
Gear unit ratio	3:1
Repetition accuracy	±0.03°
Position detection	Via inductive sensors
Permissible mass moment of inertia	1 kgm <sup>2</sup>
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. output torque	25.5 Nm
Max. drive torque	8.5 Nm
Frictional torque independent of load	<0.5 Nm
Degree of protection	IP20
Sound pressure level	53 dB(A)
Ambient temperature	-10 °C ... 60 °C
LABS (PWIS) conformity	VDMA24364 zone III
Note on materials	RoHS-compliant
Material housing	Anodised
Material drive shaft	Wrought aluminium alloy Anodised
Material drive shaft	High-alloy stainless steel
Material cover	Wrought aluminium alloy Anodised
Material toothed belt	Polychloroprene with glass fibre