

Rotary module ERMB-32

Part number: 552708

FESTO



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 ²
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	Wrought aluminium alloy Anodised
Material drive shaft	Wrought aluminium alloy Anodised High-alloy stainless steel
Material cover	Wrought aluminium alloy Anodised
Material toothed belt	Polychloroprene with glass fibre