

# 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 <sup>2</sup>
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