

Rotary module ERMB-25

Part number: 552707

FESTO



 General operating condition

Data sheet

Feature	Value
Size	25
Structural design	with toothed belt
Mounting position	Any
Rotation angle	Infinite
Gear ratio	4:1
Repetition accuracy	±0.03°
Position sensing	For inductive proximity sensors
Permissible mass moment of inertia	0.5 kgm ²
Product weight	1460 g
Drive pinion diameter	8 mm
Toothed belt pitch	3 mm
Max. output speed	300 rpm
Max. input speed	1200 rpm
Max. output torque	8.8 Nm
Max. driving torque	2.2 Nm
No-load driving torque	<0.18 Nm
Degree of protection	IP20
Noise level	49 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