

Rotary module ERMB-20

Part number: 552706

FESTO



 General operating condition

Data sheet

Feature	Value
Size	20
Design	Electromechanical rotary module With toothed belt
Mounting position	optional
Rotation angle	Infinite
Gear unit ratio	4.5:1
Repetition accuracy	±0.03°
Position detection	Via inductive sensors
Permissible mass moment of inertia	0.1 kgm ²
Product weight	850 g
Drive pinion diameter	6 mm
Toothed-belt pitch	2 mm
Max. drive output speed	300 rpm
Max. drive input speed	1350 rpm
Max. output torque	3.15 Nm
Max. drive torque	0.7 Nm
Frictional torque independent of load	<0.07 Nm
Degree of protection	IP20
Sound pressure level	32 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