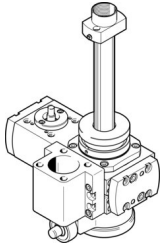


# Rotary lifting module EHMB-20-100

Part number: 1107096

FESTO



## Data sheet

 General operating condition

Feature	Value
Drive pinion diameter	6 mm
Working stroke	0 mm ... 100 mm
Size	20
Rotation angle	Infinite
Toothed-belt pitch	2 mm
Mounting position	optional
Type of gear unit	Toothed belt gear unit
Design	With toothed belt
Gear unit ratio	4.5:1
Position detection	Via inductive sensors
Max. drive output speed	300 rpm
Max. drive input speed	1350 rpm
Max. speed	1.5 m/s
Repetition accuracy	±0.03°
Sound pressure level	54 dB(A)
Information on the sound pressure level	With covering: 57 [dB (A)]
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-10 °C ... 60 °C
Mass moment of inertia	1000 kgcm <sup>2</sup>
Max. output torque	3.15 Nm
Max. drive torque	0.7 Nm
Max. feed force Fx	480 N
Frictional torque independent of load	<0.07 Nm
Reference value effective load, horizontal	3 kg
Reference value effective load, vertical	3 kg
Product weight	1716 g
Moving mass	705 g
Material drive shaft	Steel
Note on materials	RoHS-compliant
Material flange	Anodised wrought aluminium alloy
Material drive shaft	High-alloy stainless steel
Material cover	Wrought aluminium alloy Anodised
Material housing	Anodised
Material retaining	Wrought aluminium alloy, anodised
Material retaining bracket	Anodised wrought aluminium alloy

Feature	Value
Material toothed belt	Polychloroprene with glass fibre