Rotary lifting module
EHMB-32-100

Part number: 1098558

Data sheet

Feature	Value
Drive pinion diameter	12 mm
Working stroke	0 mm...100 mm
Size	32
Rotation angle	Infinite
Toothed-belt pitch	5 mm
Mounting position	Any
Type of gear unit	Toothed belt drive
Design	Electromechanical rotary/lifting module With toothed belt
Gear unit ratio	3:1
Position detection	For inductive sensors
Max. drive output speed	300 rpm
Max. drive input speed	900 rpm
Max. speed	1.5 m/s
Repetition accuracy	±0.03 °
Sound pressure level	51 dB(A)
Information on the sound pressure level	With covering: 53 [dB (A)]
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-10 °C...60 °C
Mass moment of inertia	10000 kgcm²
Max. output torque	20 Nm
Max. drive torque	6.7 Nm
Max. feed force Fx	750 N
Frictional torque independent of load	0.5 Nm
Reference value effective load, horizontal	8000 g
Reference value effective load, vertical	15000 g
Product weight	6112 g
Moving mass	1658 g
Material drive shaft	Steel High-alloy stainless steel
Note on materials	RoHS compliant
Material flange	Anodised wrought aluminium alloy

Feature	Value
Material cover	Wrought aluminium alloy anodised
Material housing	Wrought aluminium alloy anodised
Material retaining	Wrought aluminium alloy, anodised
Material retaining bracket	Anodised wrought aluminium alloy
Material toothed belt	Polychloroprene with glass fibre