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
Gearbox type	Belt drive
Structural design	Electromechanical rotary lifting module With toothed belt
Gear ratio	3:1
Position sensing	For inductive sensors
Max. output speed	300 rpm
Max. input speed	900 rpm
Max. speed	1.5 m/s
Repetition accuracy	±0.03°
Noise 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. driving torque	6.7 Nm
Max. feed force Fx	750 N
No-load driving torque	0.5 Nm
Guide value for payload, horizontal	8000 g
Guide value for payload, vertical	15000 g
Product weight	6112 g
Moving mass	1658 g
Material of drive shaft	Steel
Note on materials	RoHS compliant
Material of flange	Wrought aluminum alloy, anodized
Drive shaft material	high-alloy stainless steel

Feature	Value
Cover material	Wrought aluminum alloy Anodized
Housing material	Wrought aluminum alloy Anodized
Retaining material	Wrought aluminum alloy, anodized
Retainer bracket material	Wrought aluminum alloy, anodized
Toothed belt material	Neoprene with glass fiber