electric cylinder ESBF-LS-32-200-2.5P Part number: 2295381

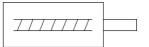
With lead screw, electrically actuated spindle that converts the rotary motion of the motor into linear motion of the piston rod.

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Data sheet

Feature	Value
Size	32
Stroke	200 mm
Piston rod thread	M10x1,25
Reversing backlash	100 μm
Spindle diameter	12 mm
Spindle pitch	2.5 mm/U
Max. angular deflection of piston rod +/-	0.25 deg
Based on the standard	ISO 15552
Assembly position	Any
Piston-rod end	Male thread
Motor type	Stepper motor
	Servomotor
Position detection	For proximity sensor
Design structure	Electro-cylinder with sliding thread spindle
Spindle type	Plain thread
Protection against torque/guide	with plain-bearing guide
Max. acceleration	2.5 m/s2
Max. speed	0.125 m/s
Repetition accuracy	±0,05 mm
Duty cycle	100 %
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Storage temperature	-20 60 °C
Food-safe	See Supplementary material information
Relative air humidity	0 - 95 %
Protection class	IP40
Ambient temperature	0 50 °C
Max. drive torque	1.1 Nm
Max. radial force at drive shaft	115 N
Max. feed force Fx	600 N
No-load driving torque	0.1 Nm
Reference value for working load, horizontal	60 kg
Reference value for working load, vertical	60 kg
Mass moment of inertia JH per metre of stroke	1.6373 kgcm2
Mass moment of inertia JL per kg of working load	0.0016 kgcm2
Mass moment of inertia, JO	0.0164 kgcm2
Moving mass with 0 mm stroke	198 g
Additional weight per 10 mm stroke	34 g
Basic weight for 0 mm stroke	667 g
Additional mass factor per 10 mm of stroke	9 g
Mounting type	with internal (female) thread
	or accessories
Interface code, actuator	D32
Materials note	Contains PWIS substances

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Feature	Value	
	Conforms to RoHS	
Material cover	Wrought Aluminium alloy	
	Smooth anodised	
Material piston rod	High alloy steel, non-corrosive	
Material screws	Steel	
	Galvanised	
Material spindle nut	Roller bearing steel	
Material spindle	Roller bearing steel	
Material cylinder barrel	Wrought Aluminium alloy	
	Smooth anodised	