

Electric drive EPCO-25- -

Part number: 1470874

FESTO



Data sheet

Feature	Value
Size	25
Stroke	50 mm...300 mm
Stroke reserve	0 mm
Reversing backlash theoretical	0,1 mm
Stepper angle for complete step	1.8 deg
Stepping angle tolerance	±5%
Torsional backlash at piston rod +/-	1.5 deg
Mounting position	optional
Type of motor	Stepper motor
Design	Electric cylinder With ball screw drive
Spindle type	Ball screw drive
Max. acceleration	10 m/s ²
Repetition accuracy	±0.02 mm
Duty cycle	100%
Insulation protection class	B
Nominal operating voltage DC	24 V
Nominal motor current	3 A
Approval	RCM trademark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-20 °C...60 °C
Relative air humidity	0 - 85% Non-condensing
Degree of protection	IP40
Ambient temperature	0 °C...50 °C
Impact energy in end positions	0.0002 J
Electrical connector system	Plug

Feature	Value
Type of mounting	Via female thread With accessories
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy Smooth anodised
Material housing	Wrought aluminium alloy Smooth anodised
Material piston rod	High-alloy stainless steel
Material spindle nut	Steel
Material spindle	Rolled steel
Material cylinder barrel	Wrought aluminium alloy Smooth anodised