



Ordering an Electric Cylinder

Part Number Configuration Guide

ECI17M12S - AB - 500 - 10.00 - MP - 00 - CL - LP - E200 - NPNC

Motor Size

- 17 = NEMA 17
- 17P = NEMA 17 Pluggable Smart Motor
- 17M12 = NEMA 17 Smart Motor w M12 connector
- 23 = NEMA 23
- 23P = NEMA 23 Pluggable Smart Motor
- 23M12 = NEMA 23 Smart Motor w M12 connector

Motor Length

- S = Single Stack
- D = Double Stack

Nut Style

- S = Lead Screw Nut
- BN = Ball Nut
- AB = Anti-Backlash Lead Screw Nut
- BL = Ball Nut with Reduced Lash

Screw Code (see table to the right)

Stroke Length in inches, to one decimal place

Motor Mounting

- TR = Trunnion Mount
- FC = Female Clevis Mount
- MC = Male Clevis Mount
- FT = Foot Mount
- MP = Mounting Plate
- 00 = no motor mount

Front Mount

- TR = Trunnion Mount
- FT = Foot Mount
- MP = Mounting Plate
- 00 = no motor mount

Rod End

- CL = Clevis Rod Ends
- SP = Spherical Rod Ends
- AL = Alignment Coupler
- ET = External Threaded End
- ETM = Metric External Threaded End
- 00 = Standard Internal Thread

Linear Potentiometer

- LP = Linear Potentiometer
- 00 = (none)

Encoder

- E200 = 200 CPR
- E500 = 500 CPR
- E1000 = 1000 CPR
- E2000 = 2000 CPR
- 00 = no encoder

Sensors

- PNPF = Wire Leads PNP output
- NPNF = Wire Leads NPN output
- PNPC = Snap-Fit Connector PNP output
- NPNC = Snap-Fit Connector NPN output

Screw Codes

Lead Screws

Screw Code	Lead
050	= .050"
100	= .100"
157	= .050"
200	= .200"
250	= .125"
375	= .200"
500	= .500"
999	= 1.000"

Ball Screws

Screw Code	Lead
078	= 2.0 mm
059	= 2.0 mm
079	= 2.0 mm
098	= 2.5 mm
118	= 3.0 mm
197	= 5.0 mm
315	= 8.0 mm
059	= 1.5 mm
079	= 2.0 mm
098	= 2.5 mm
118	= 3.0 mm
197	= 5.0 mm
315	= 8.0 mm