



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

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