Ordering an Electric Cylnder
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	AB	= Anti-Backlash Lead Screw Nut
BN	=	Ball 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	FT	= Foot Mount
FC	=	Female Clevis Mount	MP	= Mounting Plate
MC	=	Male Clevis Mount	00	= no motor mount

Front Mount

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

Rod End

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

Linear Potentiometer

LP	=	Linear Potentiometer
00	=	(none)

Encoder

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

Sensors

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