

Non-Captive Stepper Motor Linear Actuators

Part Number Configuration Guide



NEMA Stepper Motor Size
8 11 14 17 23 34

Motor Length
S = single stack
D = double stack

Voltage (see table below)

Non-Captive Stepper Motor Actuator

Lead Screw
see Lead Screw Table on page 56

Coating
00 = no coating

Lead Screw Length
in inches

Machined End
ME = metric machined end
SE = imperial machined end
00 = no end machining

Encoder
ER = encoder-ready
E200 = 200 counts per rev
E500 = 500 counts per rev
E1000 = 1000 counts per rev
E2000 = 2000 counts per rev
00 = no encoder

Encoder Position (see table below)
A = up
B = down
00 = no encoder

SMA - 8 S 2.1 - N - W12125 - 00 - 8.00 - SE - 00 - 00

Available Motor Voltages

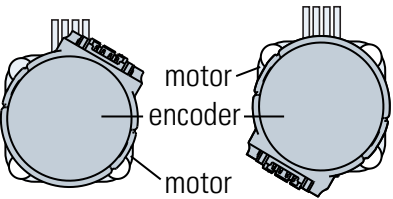
Motor Size	Available Voltages		
NEMA 8	2.5	5	7.5
NEMA 11	2.1	5	12
NEMA 14	2.33	5	12
NEMA 17	2.33	5	12
NEMA 23	3.25	5	12
NEMA 34	2.85	5	12

Encoder Positions

NEMA 8

Position A

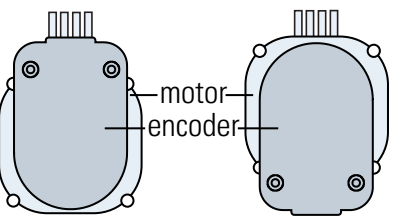
Position B



NEMA 11, 14, 17

Position A

Position B



NEMA 23, 34

Position A

Position B

