

Non-Captive Stepper Motor Linear Actuators

Part Number Configuration Guide



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

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)

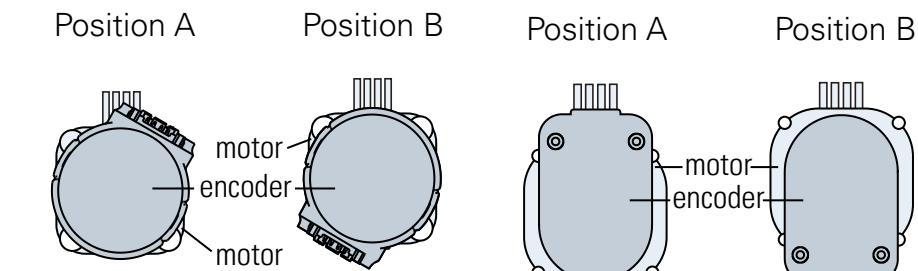
A = up
B = down
00 = no encoder

Available Motor Voltages

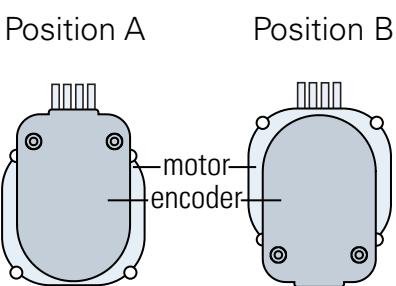
Motor Size	Available Voltages
NEMA 8	2.5 5 7.5
NEMA 11	2.1 5 12
NEMA 14	2.33 5 12
NEMA 17	2.33 5 12
NEMA 23	3.25 5 12
NEMA 34	2.85 5 12

Encoder Positions

NEMA 8



NEMA 11, 14, 17



NEMA 23, 34

