

Size 11 (28mm) Series

Basic Description

Size (28mm) stepper lead screw linear actuator can provide over 140N of continuous thrust.



Motor Specification

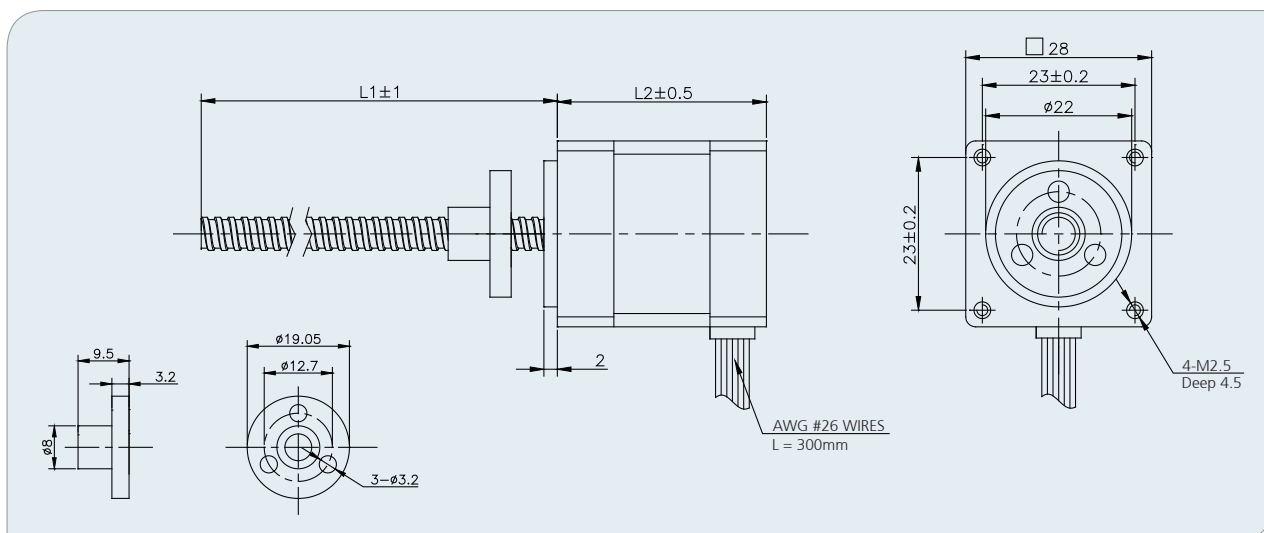
Model	Rated Voltage (V)	Phase Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Motor Length (mm)
LS028NB101	4.5	0.5	9.1	6.0	32.6
LS028NB102	2.2	1	2.1	1.5	32.6
LS028NB201	3.9	0.95	4.1	4.0	45
LS028NB202	2.4	1.6	1.5	1.3	45

Note : Other parameters can be customized

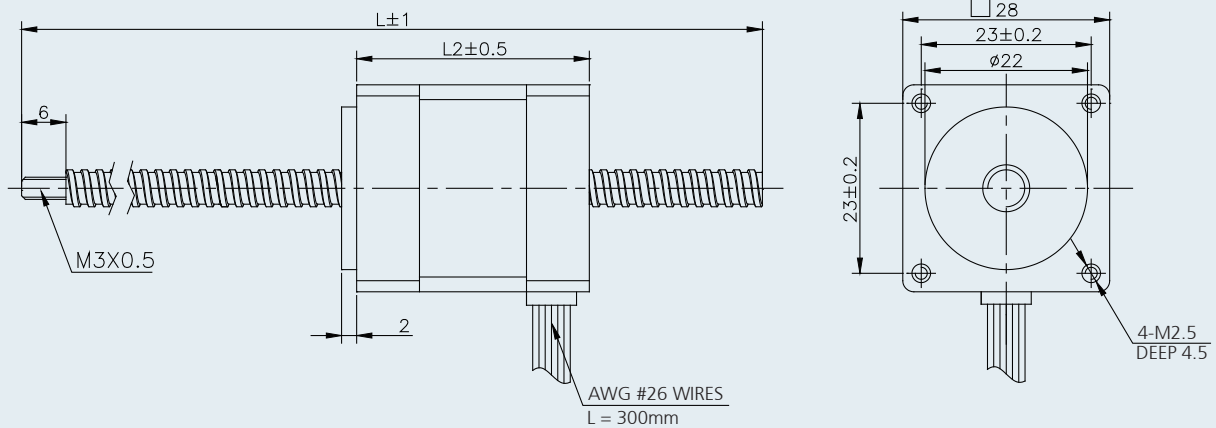
Lead Screw Specification

Lead Code	Screw Dia. (inch/mm)	Lead (inch/mm)	Thread Starts
D0025	0.188/4.77	0.025/0.6350	1
D0050		0.050/1.2700	1
D0100		0.100/2.5400	2
D0200		0.200/5.0800	4
D0400		0.40/10.1600	8

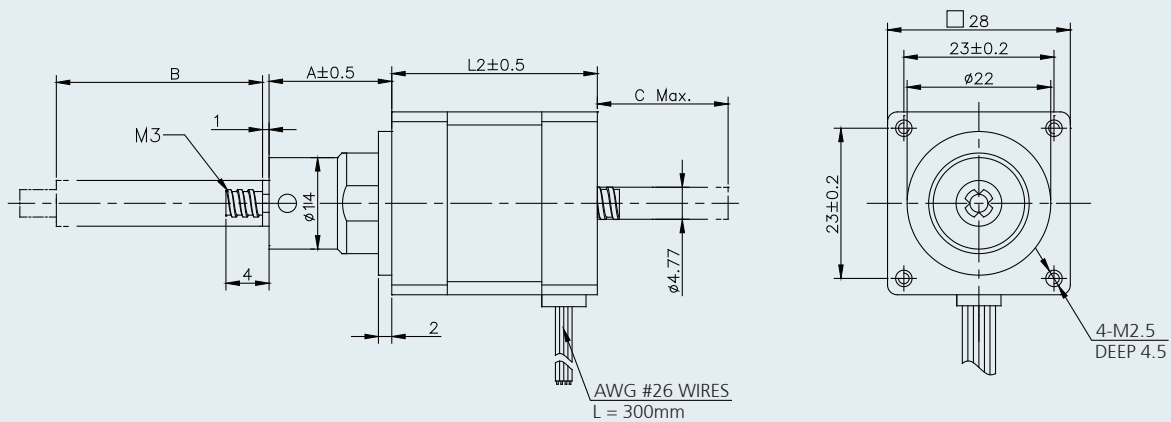
External Actuator Mechanical



- *Non-Captive Actuator Mechanical*



- *Captive Actuator Mechanical*



- *Stroke Specification*

Size A (mm)	B (mm)	C (mm)	
		L2=32.6	L2=45
20.47	12.70	1.0	0.0
26.82	19.05	7.4	0.0
33.17	25.40	13.7	4.0
39.52	31.80	20.1	10.4
45.87	38.10	26.4	16.8
58.57	50.80	39.0	29.4
71.27	63.50	52.7	42.1

Size 11 (28mm) Series

Speed-Thrust Curves

