

- NEMA 23 Frame Size
- 1.8° Natural Step Angle
- High Torque Up to 210 oz-in
- Best Selection for High Speed Applications
- Can be Customized for
 - Winding Current
 - Shaft Options
 - Cables and Connectors



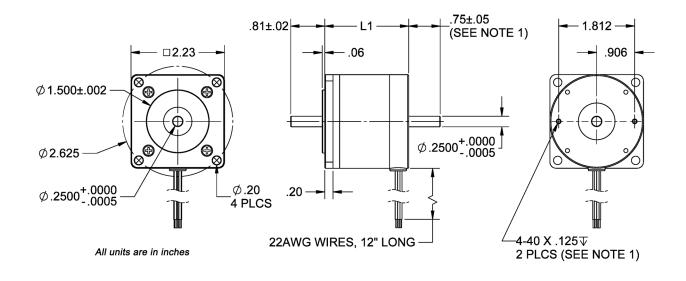
The 23D Series Stepper Motor are standard style round-bodied stepper motors. They have lower rotor inertia than square high torque motors which allow them to accelerate faster adn offer higher torque at speeds greater than 25 revolutions per second. These motors are an excellent choice to replace many of the round stepper motors that were popular for many years. The motor comes in a standard 6-lead configuration with a broad line of motor windings and stack lengths available off-the-shelf. Anaheim Automation can also customize the winding to perfectly match your voltage, current, and maximum operating speed. Special shaft modifications, cables and connectors are also available upon request. The 23D series is often referred to as "legacy motors," and a good cross to the Superior Electric Slosyn M061, M062 and M063 series.

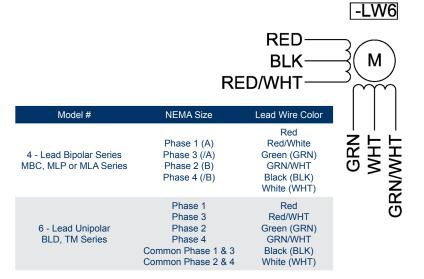
Model #	NEMA Size	Bipolar Torque (oz-in)	Series Current (A)	Unipolar Current (A)	Unipolar Inductance (mH)	Rotor Inertia (oz-in-sec²)	Shaft Diameter (in)	# Lead Wires	Weight (lbs)	"L" Length (in)
23D102S	23	75	0.7	1.0	10.00	0.0015	0.25	6	1.3	2.00
23D104S	23	75	1.4	2.0	2.50	0.0015	0.25	6	1.3	2.00
23D108S	23	75	2.7	3.9	0.63	0.0015	0.25	6	1.3	2.00
23D204S	23	140	1.3	1.8	5.70	0.0030	0.25	6	2.0	3.25
23D209S	23	140	3.3	4.7	0.80	0.0030	0.25	6	2.0	3.25
23D306S	23	210	2.0	2.9	2.90	0.0045	0.25	6	2.75	4.00
23D309S	23	210	3.3	4.6	1.20	0.0045	0.25	6	2.75	4.00

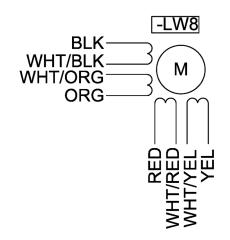
Notes: The 7th character "S" denotes a single shaft, use "D" for double shaft. Custom leadwires, cables, connectors, and windings are available upon request. 8 led wire configurations are also available.

L010101









Step Angle Accuracy:	±1.5% (Full Step, No Load)
Resistance Accuracy:	±10%
Inductance Accuracy:	± 20%
Temperature Rise:	100°C
Ambient Temperature:	-20°C - +50°C
Insulation Type:	Class B
Insulation Resistance:	1000M Ohms at 500VDC