



STEP MOTORS

NEMA Frame Size Stepping Motor

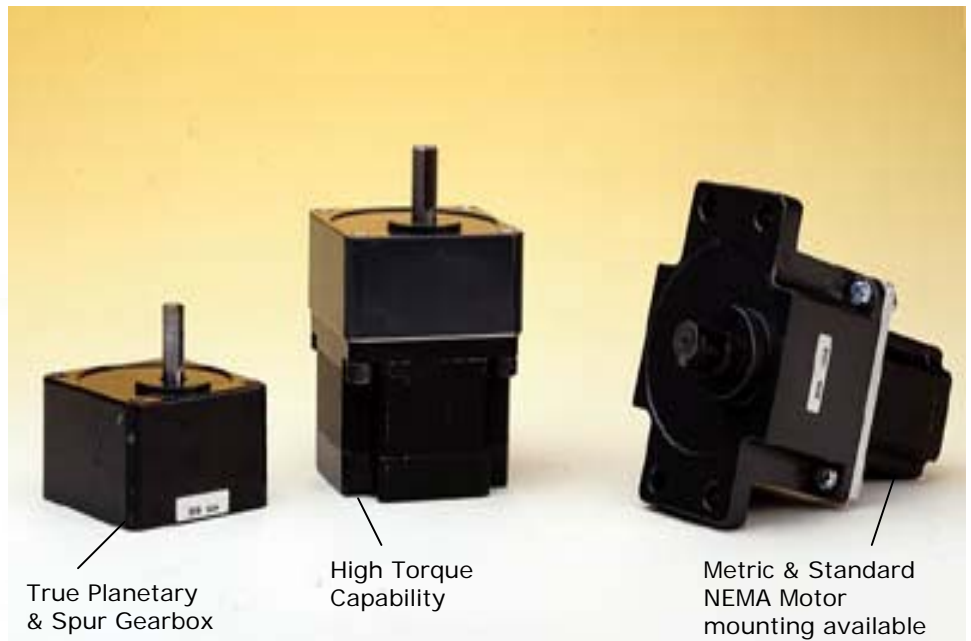
NEMA Size	Frame Size (mm)	No. of Phases	Step Angle (degrees)	Max. Holding Torque Kg-cm (oz-in)
11	28	2	1.8	1.2 (17)
14	35	2	1.8	1.4 (19)
15	39	2	1.8	2.2 (31)
16	40	2	1.8	2.2 (31)
17	42	2	1.8 / 0.9	4.4 (61)
23	56	2	1.8 / 0.9	25.2 (350)
34	86	2	1.8 / 0.9	92.4 (1,283)
42	110	2	1.8 / 0.9	306 (4,250)
42	110	5	1.8 / 0.9	105 (1,460)

Custom Design and Engineering: -

- Custom windings, Lead wire / Shaft modifications
- Custom housings, Encoder & Gearbox sub-assemblies are also available

Driver / Motor Package

- Stepping Motor Systems
- Drive Currents available = 0.4 – 0.6 Amps
- Smooth operation motor vs High resolution microstepping driver



Some Typical Applications:

Medical Equipments:

Semiconductor handling and testing equipment, laboratory equipment

Gaming Equipments:

Reel Mech / Slot Machine

Others:

Packaging equipments, industrial equipments, robotics, office equipments & rotary positioning. X-Y Table & valve control. conveyor

Reel Mech Assembly:
Stepping Motor



Features:

- Standard Hybrid Stepping Motor
- Wide range of NEMA sizes
- Diverse torque ranges

Hi-Torque Stepping Motor

- Ideal for high torque application
- Upper level assembly available

PM Stepping Motor

- Size range: 6mm – 55 mm
- Low noise and precise step angle

Geared Stepping Motor

- Planetary & Spur Gearboxes
- Ratios upto 50:1

Non-captive Shaft Actuator

- 35-350 lbs force available
- Option of English / Metric screws

External Actuator

- External lead screws available
- Rotary movement to linear motion