

# Stepping Motors

## M25SP-5, -5N

### OUTLINE

M25SP-5 motor's body is the thinnest in models in Ø25 series. MITSUMI can supply those motors with optimum voltage and current depending on driver (IC) to be used for the machinery and equipment.

They are available in a step angle of 7.5°



### FEATURES

1. Compact size and high output torque.
2. Superior running quietness and stability.
3. Step angle : 7.5°.
4. Excellent responsiveness acquired.

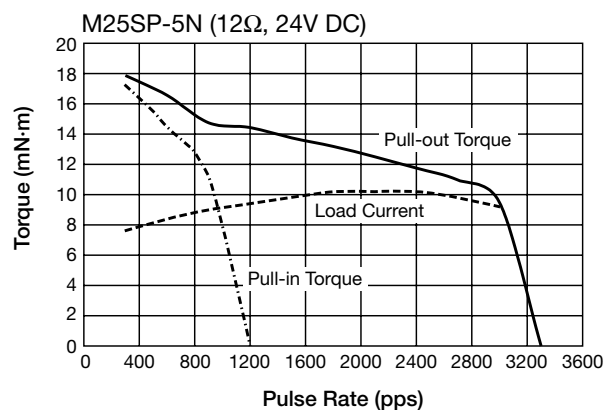
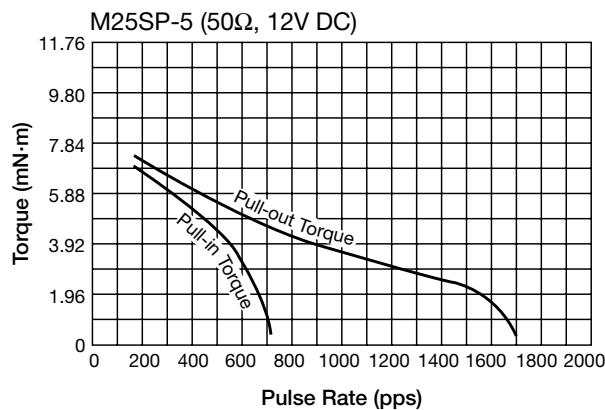
### USES

Printers, multifunction machines, copy machines, FAX, and such.

## SPECIFICATIONS

Items	M25SP-5	M25SP-5N
Rated Voltage	DC 12V	DC 24V
Working Voltage	DC 10.8~13.2V	DC 21.6~26.4V
Rated Current/Phase	259mA	550mA (PEAK)
No. of Phase	4 Phase	4 Phase
Coil DC Resistance	50Ω/phase±7%	12Ω/phase±7%
Step Angle	7.5°/step	7.5°/step
Excitation Method	2-2 Phase excitation (Unipolar driving)	2-2 Phase excitation (Bipolar chopping driving)
Insulation Class	Class E insulation	Class E insulation
Holding Torque	11.8mN·m	18.9mN·m
Pull-out Torque	5.9mN·m/400pps	17.4mN·m/400pps
Pull-in Torque	5.4mN·m/400pps	16.3mN·m/400pps
Max. Pull-out Pulse Rate	1,700pps	3,700pps
Max. Pull-in Pulse Rate	730pps	1,170pps

## CHARACTERISTICS



## DIMENSIONS

