

Stepping Motors

M25SP-5

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.

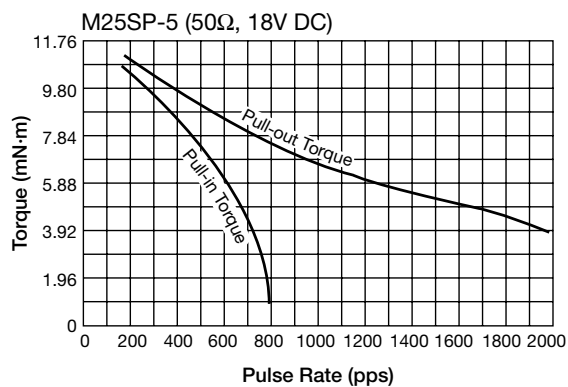
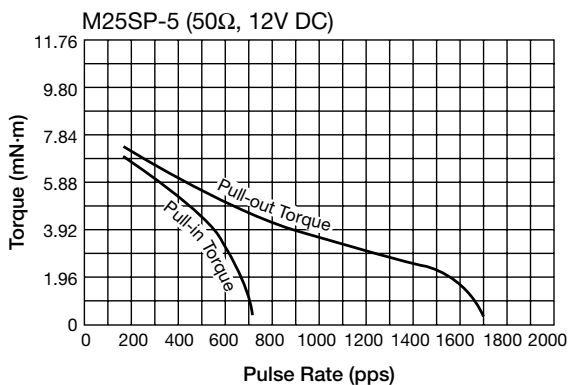
USES

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

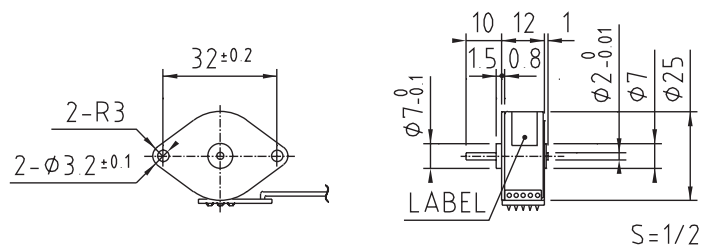
SPECIFICATIONS

Items	M25SP-5	
	DC 12V	DC 18V
Rated Voltage	DC 12V	DC 18V
Working Voltage	DC 10.8~13.2V	DC 16.2~19.8V
Rated Current/Phase	259mA	388mA
No. of Phase	4 Phase	4 Phase
Coil DC Resistance	50Ω/phase±7%	50Ω/phase±7%
Step Angle	7.5°/step	7.5°/step
Excitation Method	2-2 Phase excitation (Unipolar driving)	
Insulation Class	Class E insulation	Class E insulation
Holding Torque	11.8mN·m	14.2mN·m
Pull-out Torque	5.9mN·m/400pps	9.3mN·m/400pps
Pull-in Torque	5.4mN·m/400pps	7.8mN·m/400pps
Max. Pull-out Pulse Rate	1,700pps	2,350pps
Max. Pull-in Pulse Rate	730pps	800pps

CHARACTERISTICS



DIMENSIONS



Unit : mm, General tolerance : ±0.5