

# Stepping Motors

## M55SP-1

### OUTLINE

A high-precision stepping motor "M55SP-1", 55mm in outer diameter.

Despite such compact body size as 23mm in thickness, it has acquired high output characteristic, excellent running quietness and stability.



### FEATURES

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

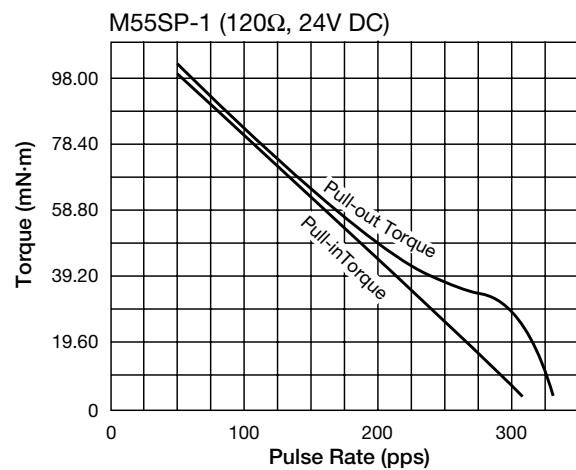
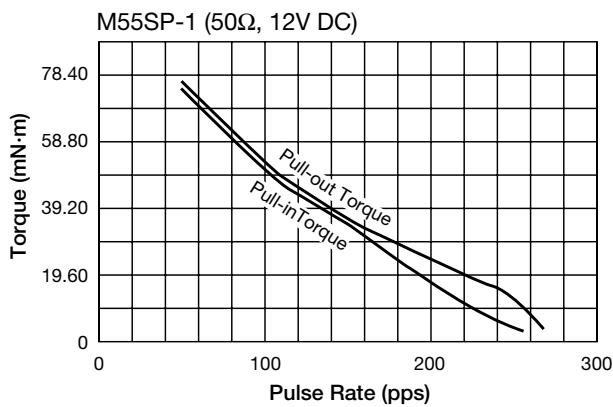
### USES

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

## SPECIFICATIONS

Items	M55SP-1	
Rated Voltage	DC 12V	DC 24V
Working Voltage	DC 10.8~13.2V	DC 21.6~26.4V
Rated Current/Phase	259mA	216mA
No. of Phase	4 Phase	4 Phase
Coil DC Resistance	50Ω/phase±7%	120Ω/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	107.8mN·m	127.4mN·m
Pull-out Torque	24.5mN·m/200pps	48.0mN·m/200pps
Pull-in Torque	16.7mN·m/200pps	43.6mN·m/200pps
Max. Pull-out Pulse Rate	270pps	330pps
Max. Pull-in Pulse Rate	265pps	315pps

## CHARACTERISTICS



## DIMENSIONS

