

# Stepping Motors

## M35SP-12

### OUTLINE

A model with high-output torque in  $\phi 35$  series.  
 Low heat generation thanks to the high efficiency.



### FEATURES

1. Compact size and high-output torque.
2. Superior running quietness and stability.

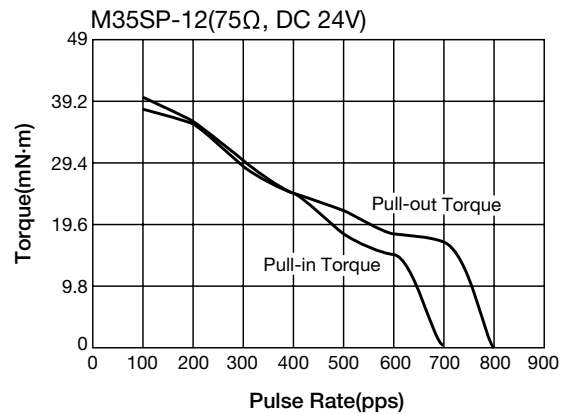
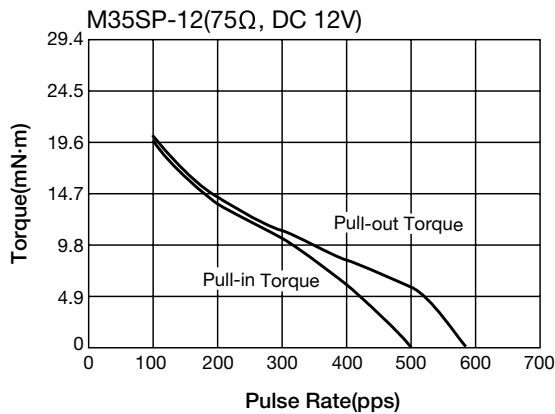
### USES

Printers, multifunction machines, copy machines, FAX, etc.

## SPECIFICATIONS

Item	M35SP-12	
	DC 12V	DC 24V
Rated Voltage	DC 12V	DC 24V
Working Voltage	DC 10.8~13.2V	DC 21.6~26.4V
Rated Current/Phase	173mA	355mA
No. of Phase	4 Phase	
Coil DC Resistance	75Ω/phase±7%	
Step Angle	7.5°/step	
Excitation Method	2-2 Phase excitation (Unipolar driving)	
Insulation Class	Class E insulation	
Holding Torque	29.4mN·m	47.0mN·m
Pull-out Torque	14.3mN·m/200pps	24.3mN·m/400pps
Pull-in Torque	14.0mN·m/200pps	23.7mN·m/400pps
Max. Pull-out Pulse Rate	580pps	830pps
Max. Pull-in Pulse Rate	510pps	720pps

## CHARACTERISTICS



## DIMENSIONS

