## **Stepping Motors**

# M35SP-9, -10N

## **FEATURES**

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



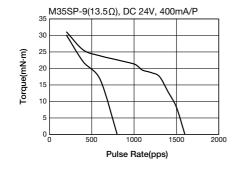
## USES

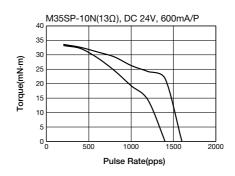
Printers, multifunction machines, copy machines, FAX, etc.

#### SPECIFICATIONS

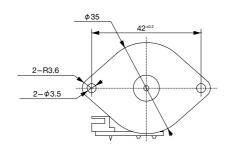
Item	M35SP-9	M35SP-10N	
Rated Voltage	DC	DC 24V	
Working Voltage	DC 21	DC 21.6~26.4V	
Rated Current/Phase	400mA(Peak)	600mA(Peak)	
Coil DC Resistance	13.5Ω/phase±10%	13Ω/phase±10%	
Step Angle	7.5°/step	3.75°/step	
Drive Method	Constar	Constant Current	
Excitation Method	2-2 Phase excitation	2-2 Phase excitation (Unipolar driving)	
Insulation Class	Class E	Class E insulation	
Holding Torque	33mN⋅m	35mN·m	
Pull-out Torque	21.3mN·m/1,000pps	26.3mN·m/1,000pps	
Pull-in Torque	26.1mN·m/300pps	29mN·m/600pps	
Max. Pull-out Pulse Rate	1,790pps	1,600pps	
Max. Pull-in Pulse Rate	630pps	1,200pps	

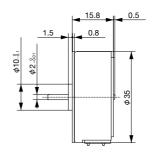
#### CHARACTERISTICS





## DIMENSIONS





Unit: mm General tolerance :  $\pm 0.5$ 

Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.