

# Stepping Motors

## M35SP-11NK

### OUTLINE

M35SP-11NK, which has the thinnest body among the model series with  $\phi 35$  diameter, realizes step angle of  $3.75^\circ$ , high resolution and high speed responsiveness.

It is ideal for use in the small electronic equipment of the future.



### FEATURES

1. Thin, high resolution, high output torque.
2. Superior running quietness and stability.
3. Step angle :  $3.75^\circ$ /step.
4. Excellent responsiveness acquired.

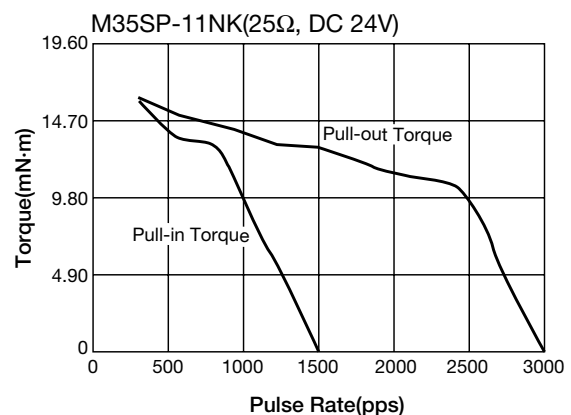
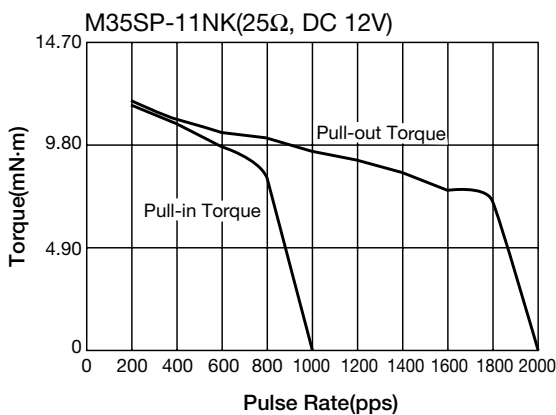
### USES

Multifunction machines, scanners, and such.

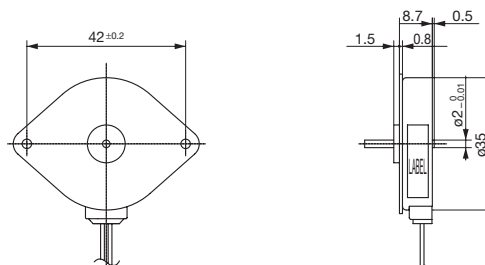
## SPECIFICATIONS

Items	M35SP-11NK	
Rated Voltage	DC 12V	DC 24V
Working Voltage	DC 10.8~13.2V	DC 21.6~26.4V
Rated Current/Phase	200mA(PEAK)	300mA(PEAK)
No. of Phase	2 Phase	2 Phase
Coil DC Resistance	25Ω/phase±7%	25Ω/phase±7%
Step Angle	3.75°/step	3.75°/step
Excitation Method	2-2 Phase excitation (Bipolar driving)	
Insulation Class	Class E insulation	Class E insulation
Holding Torque	14.7mN·m	20mN·m
Pull-out Torque	8.9mN·m/1200pps	12.1mN·m/1800pps
Pull-in Torque	10.8mN·m/400pps	13.8mN·m/600pps
Max. Pull-out Pulse Rate	1900pps	3300pps
Max. Pull-in Pulse Rate	920pps	1250pps

## CHARACTERISTICS



## DIMENSIONS



Unit : mm, General tolerance : ±0.5