

# Stepping Motors

## M42SP-13NK

### OUTLINE

A model with high resolution in  $\phi 42$  series.  
It realizes high resolution and high response.



### FEATURES

1. High-output torque, and high resolution.
2. Superior running quietness and stability.

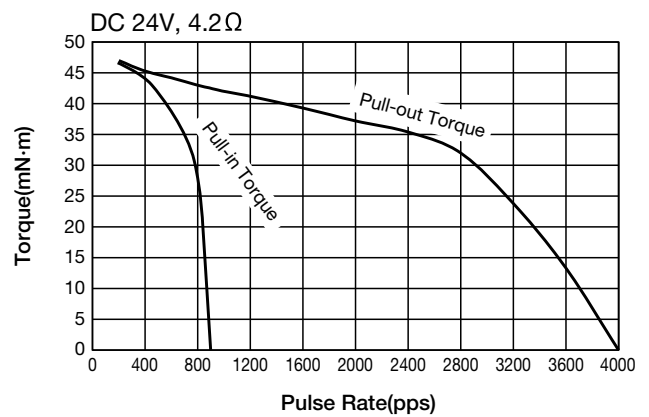
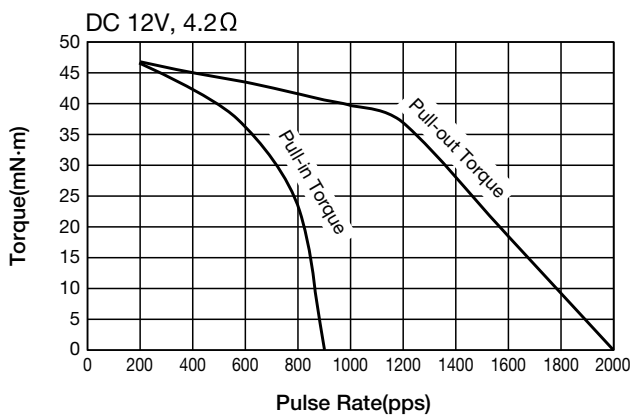
### USES

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

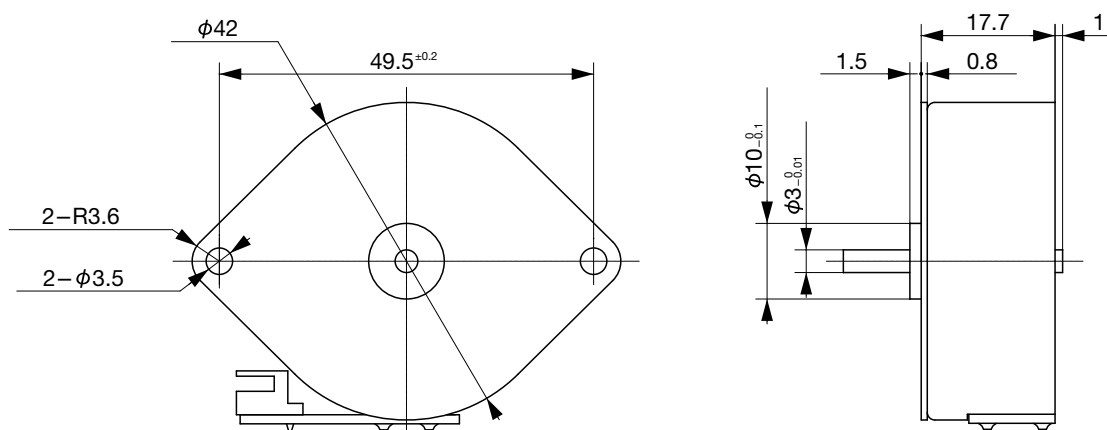
## SPECIFICATIONS

Item	M42SP-13NK	
Rated Voltage	DC 12V	DC 24V
Working Voltage	DC 10.8~13.2V	DC 21.6~26.4V
Rated Current/Phase	600mA(PEAK)	
No. of Phase	2 Phase	
Coil DC Resistance	4.2Ω/phase±7%	
Step Angle	3.75°/step	
Excitation Method	2-2 Phase excitation (Bipolar driving)	
Insulation Class	Class E insulation	
Holding Torque	56.9mN·m	56.9mN·m
Pull-out Torque	41.6mN·m/800pps	36.9mN·m/2,000pps
Pull-in Torque	46.6mN·m/200pps	46.6mN·m/200pps
Max. Pull-out Pulse Rate	1,800pps	3,900pps
Max. Pull-in Pulse Rate	880pps	880pps

## CHARACTERISTICS



## DIMENSIONS



Unit : mm  
General tolerance : ±0.5