

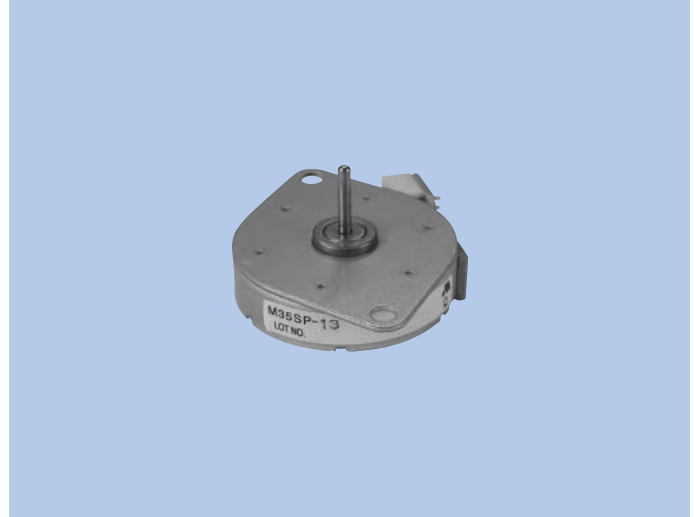
Stepping Motors

M35SP-13NK

OUTLINE

Low-oscillation and low-noise type of "M35SP-11NK" the thinnest model of external diameter 35 model series.

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



FEATURES

1. Low-vibration and low-noise.
2. Thin, high resolution, high output torque.
3. Superior running quietness and stability.
4. Step angle : 3.75° /step.
5. Excellent responsiveness acquired.

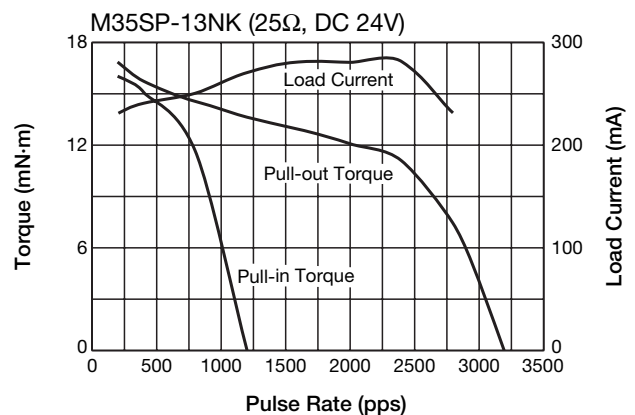
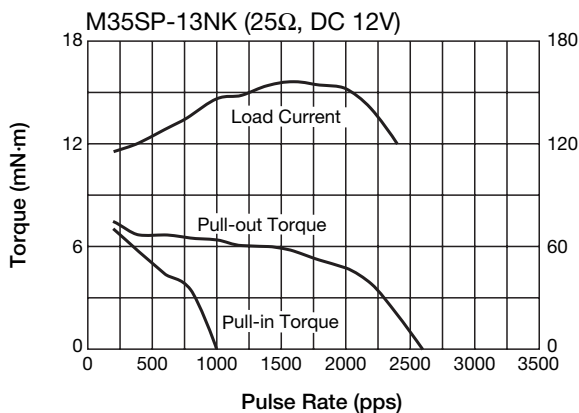
USES

Multifunction machines, scanners, and such.

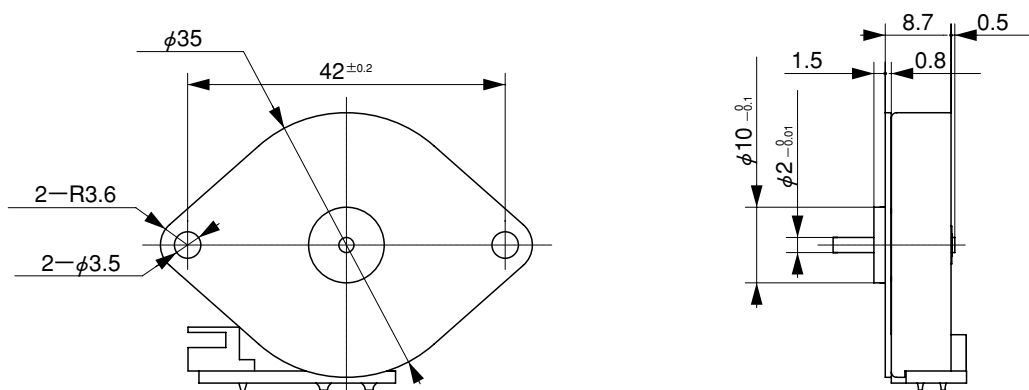
SPECIFICATIONS

Items	M35SP-13NK	
Rated Voltage	DC 12V	DC 24V
Working Voltage	DC 10.8~13.2V	DC 21.6~26.4V
Rated Current/Phase	150mA(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 chopping driving)	
Insulation Class	Class E insulation	Class E insulation
Holding Torque	10.8mN·m	18.1mN·m
Pull-out Torque	5.7mN·m/1200pps	12.0mN·m/2000pps
Pull-in Torque	5.7mN·m/400pps	15.1mN·m/400pps
Max. Pull-out Pulse Rate	2580pps	3480pps
Max. Pull-in Pulse Rate	870pps	1260pps

CHARACTERISTICS



DIMENSIONS



Unit : mm, General tolerance : ± 0.5