

Stepping Motors

M55SP-2K

OUTLINE

We are developing a model with $\varnothing 55$ external diameter and 4 layer structure featuring in high output (high torque) and efficiency. This motor is suitable for the field requires power output, such as printer (LBP), copier and so on.



FEATURES

1. Mitsumi's unique torque characteristics are realized.
2. Superior running quietness and stability.
3. Step angle : 7.5° .
4. Excellent responsiveness acquired.

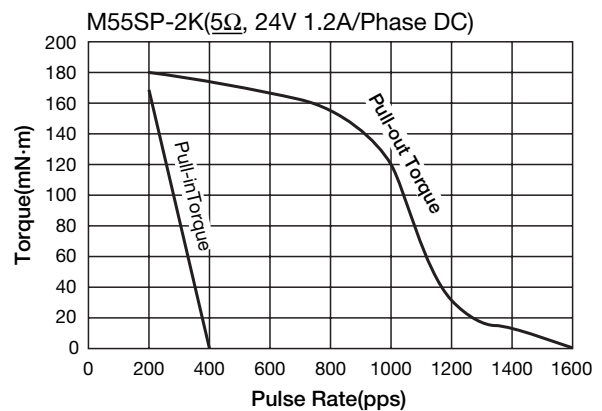
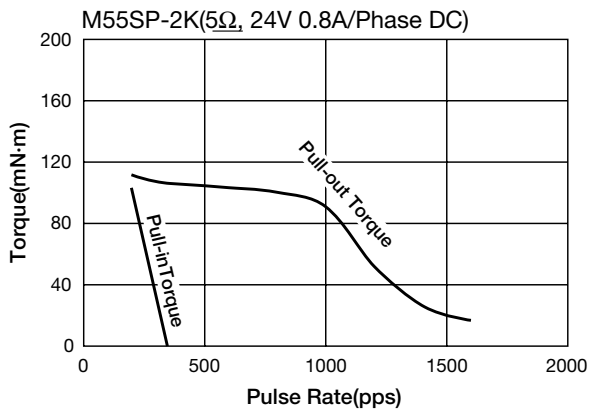
USES

Printers, multifunction machines, copy machines, FAX, and such.

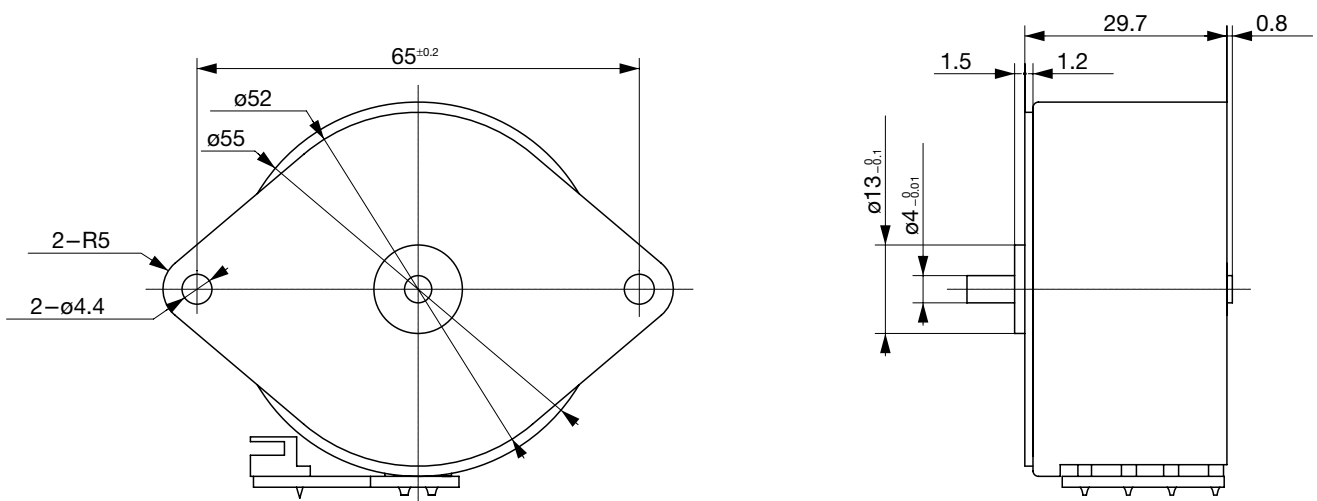
SPECIFICATIONS

| Items | M55SP-2K | |
|--------------------------|---|--------------------|
| Rated Voltage | DC 24V | |
| Working Voltage | DC 21.6~26.4V | |
| Rated Current/Phase | 0.8A(PEAK) | 1.2A(PEAK) |
| No. of Phase | 2 Phase | 2 Phase |
| Coil DC Resistance | 5Ω/phase±10% | 5Ω/phase±10% |
| Step Angle | 7.5°/step | 7.5°/step |
| Excitation Method | 2-2 Phase excitation (Bipolar chopping driving) | |
| Insulation Class | Class E insulation | Class E insulation |
| Holding Torque | 156mN·m | 200mN·m |
| Pull-out Torque | 101mN·m/800pps | 154mN·m/800pps |
| Pull-in Torque | 167mN·m/200pps | 168mN·m/200pps |
| Max. Pull-out Pulse Rate | 3000pps | 1750pps |
| Max. Pull-in Pulse Rate | 350pps | 390pps |

CHARACTERISTICS



DIMENSIONS



Unit : mm, General tolerance : ±0.5