

SANMOTION F2

2-PHASE STEPPING SYSTEMS

Small Size 2-Phase Stepping Motor

14mm sq. (.55 inch sq.)



Features

Industry's Top Small 14 mm sq. and Light Weight 28 g

The information is current as of December, 2011. The above data is based on our own research, collected among 2-phase stepping motors for industrial use.

High Torque

Application

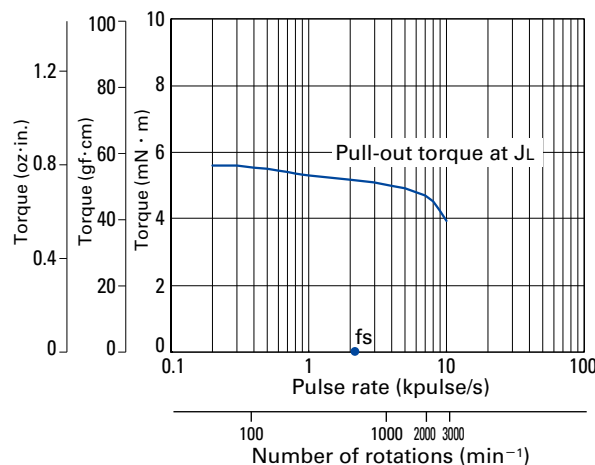
Devices where mountable space is quite limited such as an electric gripper and an electric cylinder

Specification

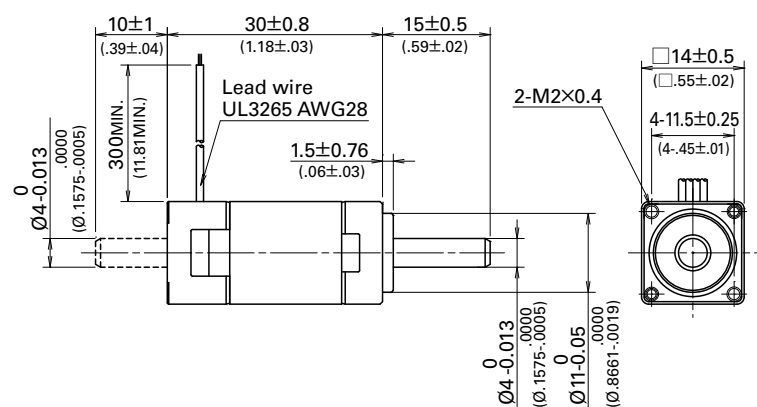
1.8° /Step Bipolar winding

| Model | | Holding torque at 2-phase energization [N·m (oz·in) MIN.] | Rated current [A/phase] | Wiring resistance [Ω /phase] | Winding inductance [mH/phase] | Rotor inertia [$\times 10^{-4}$ kg·m ² (oz·in ²)] | Mass [kg(lbs)] |
|--------------|---------------|---|-------------------------|--------------------------------------|-------------------------------|---|----------------|
| Single shaft | Double shafts | | | | | | |
| SH2141-5541 | SH2141-5511 | 0.0065 (0.92) | 0.3 | 21 | 4.2 | 0.00058 (0.0032) | 0.028 (0.062) |

Pulse rate-torque characteristics



Dimensions [unit : mm (inch)]



- Constant current circuit
- Source voltage: 24 V DC
- Operating current: 0.3A/phase
- 2-phase energization (full-step)
- $J_L=0.01 \times 10^{-4}$ kg·m² (pulley balancer method)
- fs: No load maximum starting pulse rate

The data are measured under the drive condition of our company. The drive torque may vary depending on the accuracy of customer-side equipment.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [sanyo denki manufacturer](#):

Other Similar products are found below :

[9A0812G401](#) [9A0824H401](#) [9G0824H102](#) [9GA0812P1H61](#) [9GA0812P1S61](#) [9GL1212F101](#) [9GV1412P1G001](#) [9GV3612G301](#)
[9WG1212H102](#) [9WG1224G101](#) [SM2861-5255](#) [9GT0912P1M001](#) [9GV0312E302](#) [9S1212F4011](#) [9SG5748P5H01](#) [9WG1212E101](#) [489-007-](#)
[L21](#) [103H5208-5240](#) [103H7126-1740](#) [103H7822-5740](#) [109-1001F13](#) [109-1003M30](#) [109-313](#) [109L1748H501](#) [109L5712H501](#)
[109P1412M101](#) [109R0824S4D01](#) [109-1069](#) [109BF24HD2](#) [9L0412H301](#) [9GA0812P1S61P](#) [9G1212P4G03](#) [9G0612P1G03](#)
[9CRB0812P8G001](#) [103H8221-5141](#) [103H8223-6340](#) [9LG1248P1H001](#) [SH1603-5240](#) [9GA0812P1H611](#) [9BD12SC6-1](#) [109P0824H701](#) [109-](#)
[049C](#) [103H7123-5740](#) [9AH0912P4H03](#) [9G1224G1D01](#) [9GV1212P4G011](#) [9G1224M4D011](#) [9GV0824P1G03](#) [109P0624W602](#)
[9WF0924S201](#)