

Product name: 2phase stepper motors

Features:

- Economical two-phase stepper motor products
- Adapt to various digital or economical two-phase stepper motor drivers
- Complete product line, rich variety
- High torque and low noise
- Low temperature rise and stable operation

Naming rule:

| | | | | |
|-------------|-------------|--------------|------------------------|--------------------|
| 85 | H2P | 68 | 40 | A4 |
| Flange size | 2phasge | Motor length | Phase current value*10 | Motor leads number |
| | H2P:2phasge | | | A4:4 |
| | H3P:3phasge | | | A6:6 |
| | | | | A8:8 |

Parameter specification

| Frame size | Item | Step Angel (°) | Holding Torque (Nm) | Current/phase (A) | Shaft length (mm) | Motor length (Mh) | Matched driver |
|--------------|-------------|----------------|---------------------|-------------------|-------------------|-------------------|---------------------|
| Nema11(28mm) | 28H2P3205A4 | 1.8 | 0.06 | 0.45 | 12.7 | 32 | MR2 |
| | 28H2P4509A6 | 1.8 | 0.075 | 0.95 | 18 | 45 | MR2 |
| Nema14(35mm) | 35H2P2803A4 | 1.8 | 0.11 | 0.3 | 19 | 28 | MR2 |
| | 35H2P2810A4 | 1.8 | 0.125 | 1.0 | 18 | 28 | MR2 |
| | 35H2P2810A6 | 1.8 | 0.075 | 1.0 | 20 | 28 | MR2 |
| Nema16(39mm) | 39H2P2005A4 | 1.8 | 0.1 | 0.48 | 17.4 | 20 | MR2 |
| | 39H2P3105A6 | 1.8 | 0.1 | 0.5 | 22 | 31 | MR2 |
| Nema17(42mm) | 42H2P3412A4 | 1.8 | 0.19 | 1.2 | 18 | 34 | MR2 |
| | 42H2P4010A4 | 1.8 | 0.35 | 1.0 | 18 | 40 | MR2 |

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|---------------|----------------|-----|------|-----|------|-----|----------------------|
| | 42H2P4412A4 | 1.8 | 0.35 | 1.2 | 18 | 44 | MR2 |
| | 42H2P4812A4 | 1.8 | 0.45 | 1.2 | 18 | 48 | MR2 |
| | 42H2P4812A4-AB | 1.8 | 0.38 | 1.2 | 15 | 48 | MR2 |
| | 42H2P4812A6 | 1.8 | 0.38 | 1.2 | 22 | 48 | MR2 |
| | 42H2P6017A4 | 1.8 | 0.73 | 1.7 | 18 | 60 | MR2 |
| | | | | | | | |
| Nema23(57mm) | 57H2P4115A6 | 1.8 | 0.35 | 1.5 | 17 | 41 | MR2 |
| | 57H2P5130A4 | 1.8 | 0.9 | 3.0 | 19 | 51 | MR4 |
| | 57H2P5442A4 | 1.8 | 1.2 | 4.2 | 19 | 54 | MR4 |
| | 57H2P5130A4 | 1.8 | 0.9 | 3.0 | 19 | 51 | MR4 |
| | 57H2P5442A4 | 1.8 | 1.2 | 4.2 | 19 | 54 | MR4 |
| | 57H2P5442A4-A | 1.8 | 1.2 | 4.2 | 20.4 | 54 | MR4 |
| | 57H2P5442A4-B | 1.8 | 1.2 | 4.2 | 31 | 54 | MR4 |
| | 57H2P7842A4 | 1.8 | 2.1 | 4.2 | 20.4 | 78 | MR4 |
| | 57H2P7842A4-A | 1.8 | 2.1 | 4.2 | 19.4 | 78 | MR4 |
| | 57H2P7842A4-B | 1.8 | 2.1 | 4.2 | 31 | 78 | MR4 |
| | 57H2P8440A4 | 1.8 | 2.3 | 4.0 | 31 | 84 | MR5 |
| | 57H2P9850A4 | 1.8 | 2.6 | 4.5 | 32 | 98 | MR5 |
| Nema24(60mm) | 60H2P6630A4 | 1.8 | 2 | 3.0 | 22 | 66 | MR5 |
| | 60H2P8642A4 | 1.8 | 2.5 | 4.2 | 26 | 86 | MR5 |
| Nema34(85mm) | 85H2P6860A4 | 1.8 | 3.4 | 6.0 | 30 | 68 | MR7 |
| | 85H2P8060A4 | 1.8 | 4.2 | 6.0 | 30 | 80 | MR7 |
| | 85H2P9760A4 | 1.8 | 7 | 6.0 | 30 | 97 | MR7A |
| | 85H2P11860A4 | 1.8 | 9.5 | 6.3 | 30 | 118 | MR7A |
| | 85H2P15160A4 | 1.8 | 10 | 6.0 | 35 | 151 | MR7A |
| Nema42(110mm) | 110H2P1255A4 | 1.8 | 11.2 | 5.5 | 54 | 99 | MC8H |
| | 110H2P2168A4 | 1.8 | 21 | 6.8 | 54 | 150 | MC8H |
| | 110H2P3080A4 | 1.8 | 30 | 8.0 | 54 | 201 | MC8H |

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|--|--------------|-----|----|-----|----|-----|----------------------|
| | 130H2P5050A4 | 1.8 | 50 | 5.0 | 54 | 282 | MC8H |
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