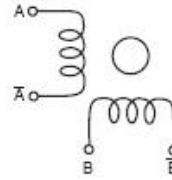


- Step Angle 1.8°±5%
- Insulation Resistant 500V DC 100MO Min
- Insulation Strength 50Hz 1Minute 500V Min
- Ambient Temperature -20°C~+50°C
- Temperature Rise 80°C Max
- Shaft Radial Play 0.02mm Max
- Shaft End Play 0.1-0.3mm

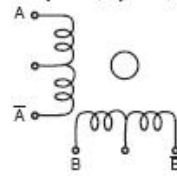


Stepper Motor

Bipolar (2-phase)



Unipolar (4-phase)

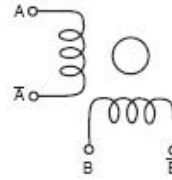
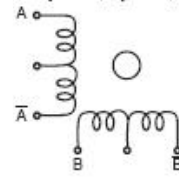


35BYG, 39BYG Series HB Stepper Motors

| Kysan# | MFG# | No. of Phase | Voltage (V) | Current (A) | Resistance (Ohms) | Holding Torque (g.cm) | Detent Torque (g.cm) | Weight (Kg) | Size | | Price (US\$) | | |
|---------|-------------|--------------|-------------|-------------|-------------------|-----------------------|----------------------|-------------|--------|--------|--------------|-------|-------|
| | | | | | | | | | L0(mm) | L1(mm) | 1+ | 10+ | 100+ |
| 1121001 | 35BYG002 | 2 | 3.2 | 0.8 | 4.8 | 500 | 150 | 0.14 | 26 | 21 | 16.47 | 14.82 | 13.34 |
| 1121002 | 35BYG005 | 2 | 12 | 0.5 | 20 | 1000 | 150 | 0.14 | 28 | 21 | 22.10 | 19.89 | 17.90 |
| 1121003 | 35BYG007 | 4 | 15 | 0.4 | 28 | 700 | 120 | 0.14 | 28 | 21 | 17.30 | 15.57 | 14.01 |
| 1121004 | 35BYG008 | 2 | 24 | 1.6 | 1.3 | 900 | 120 | 0.14 | 29 | 21 | 17.30 | 15.57 | 14.01 |
| 1121005 | 35BYG307 | 4 | 12 | 0.4 | 30 | 700 | <160 | 0.15 | 28 | 21 | 17.30 | 15.57 | 14.01 |
| 1121006 | 35BYG305 | 2 | 12 | 0.5 | 20 | 1000 | 150 | 0.14 | 28 | 21 | 17.30 | 15.57 | 14.01 |
| 1121007 | 35BYG408 | 2 | 2.4 | 1.6 | 1.3 | 900 | <180 | 0.15 | 29 | 21 | 17.30 | 15.57 | 14.01 |
| 1121008 | 35BYG202 | 2 | 4 | 0.8 | 4.8 | 500 | 150 | 0.14 | 28 | 21 | 17.30 | 15.57 | 14.01 |
| 1121009 | 35BYG101 | 2 | 12 | 0.4 | 25 | 500 | <150 | 0.12 | 22 | 21 | 17.30 | 15.57 | 14.01 |
| 1121010 | 35BYG201 | 2 | 3.2 | 0.8 | 4 | 510 | <150 | 0.14 | 26 | 21 | 17.30 | 15.57 | 14.01 |
| 1121011 | 35BYG202 | 2 | 4 | 0.8 | 4.8 | 500 | <150 | 0.14 | 26 | 21 | 17.30 | 15.57 | 14.01 |
| 1121012 | 35BYG205 | 2 | 12 | 0.25 | 45 | 400 | <150 | 0.14 | 26 | 21 | 17.30 | 15.57 | 14.01 |
| 1121013 | 35BYG305 | 2 | 12 | 0.5 | 20 | 1000 | <160 | 0.15 | 28 | 21 | 17.30 | 15.57 | 14.01 |
| 1121014 | 35BYG310 | 2 | 12 | 0.19 | 60 | 800 | <160 | 0.15 | 28 | 21 | 17.30 | 15.57 | 14.01 |
| 1121002 | 35BYG005 | 2 | 12 | 0.5 | 20 | 1000 | 150 | 0.14 | 28 | 21 | 22.10 | 19.89 | 17.90 |
| 1121004 | 35BYG008 | 2 | 24 | 1.6 | 1.3 | 900 | 120 | 0.14 | 29 | 21 | 17.3 | 15.57 | 14.01 |
| 1121006 | 35BYG305 | 2 | 12 | 0.5 | 20 | 1000 | 150 | 0.14 | 28 | 21 | 17.3 | 15.57 | 14.01 |
| 1121007 | 35BYG408 | 2 | 2.4 | 1.6 | 1.3 | 900 | <180 | 0.15 | 29 | 21 | 17.3 | 15.57 | 14.01 |
| 1121008 | 35BYG202 | 2 | 4 | 0.8 | 4.8 | 500 | 150 | 0.14 | 28 | 21 | 17.3 | 15.57 | 14.01 |
| 1122001 | 39BYG101-01 | 2 | 5 | 1 | 5 | 1800 | 150 | 0.2 | 34 | 23 | 17.53 | 15.78 | 14.20 |
| 1122002 | 39BYG101 | 2 | 2.8 | 0.4 | 6.8 | 650 | <120 | 0.14 | 20 | 19 | 18.40 | 16.56 | 14.90 |
| 1122003 | 39BYG201 | 2 | 9.6 | 0.48 | 20 | 1000 | 200 | 0.2 | 24 | 5 | 16.46 | 14.82 | 13.34 |
| 1122004 | 39BYG401 | 2 | 14 | 0.4 | 31 | 2300 | 200 | 0.2 | 34 | 24 | 17.30 | 15.57 | 14.01 |
| 1122005 | 39BYG401A | 2 | 12 | 0.4 | 30 | 2100 | 200 | 0.2 | 34 | 24 | 18.87 | 16.98 | 15.28 |
| 1122006 | 39BYG301 | 2 | 9.6 | 0.48 | 20 | 1000 | 200 | 0.2 | 24 | 5 | 17.30 | 15.57 | 14.01 |
| 1122007 | 39BYG105 | 4 | 6.8 | 0.5 | 13 | 800 | <120 | 0.14 | 20 | 21 | 17.30 | 15.57 | 14.01 |
| 1122008 | 39BYG106 | 2 | 2.8 | 0.4 | 6.6 | 600 | <120 | 0.14 | 20 | 21 | 17.30 | 15.57 | 14.01 |
| 1122009 | 39BYG302 | 2 | 5.12 | 0.32 | 16 | 1000 | <260 | 0.18 | 25 | 13 | 17.30 | 15.57 | 14.01 |
| 1122010 | 39BYG403 | 4 | 12 | 0.3 | 40 | 130 | <260 | 0.2 | 34 | 21 | 17.30 | 15.57 | 14.01 |
| 1122011 | 39BYG407 | 2 | 4.6 | 0.65 | 7 | 1800 | <260 | 0.2 | 34 | 21 | 17.30 | 15.57 | 14.01 |
| 1122012 | 39BYG411 | 2 | 5 | 1 | 5 | 1800 | <260 | 0.2 | 34 | 23 | 17.30 | 15.57 | 14.01 |
| 1122013 | 39BYG504 | 4 | 12 | 0.8 | 7.5 | 2000 | <300 | 0.24 | 38 | 21 | 17.30 | 15.57 | 14.01 |
| 1122014 | 39BYG505 | 4 | 15 | 0.3 | 50 | 2000 | <260 | 0.2 | 38 | 20 | 17.30 | 15.57 | 14.01 |

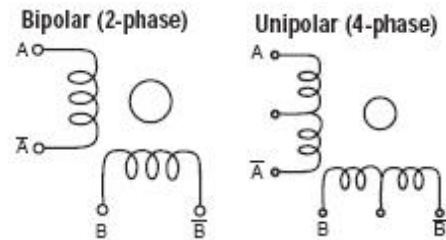
www.DataSheet4U.com

Step Angle 1.8°±5%
Insulation Resistant 500V DC 100MO Min
Insulation Strength 50Hz 1Minute 500V Min
Ambient Temperature -20°C~+50°C
Temperature Rise 80°C Max
Shaft Radial Play 0.02mm Max
Shaft End Play 0.1-0.3mm

**Stepper Motor****Bipolar (2-phase)****Unipolar (4-phase)****42BYG/BYGH Series HB Stepper Motors**

| Kysan # | MFG# | No. of Phase | Voltage (V) | Current (A) | Resistance (Ohms) | Inductance (mH) | Holding Torque (g.cm) | Weight (Kg) | Size(mm) | | Price(US\$) | | |
|---------|--------------|--------------|-------------|-------------|-------------------|-----------------|-----------------------|-------------|----------|----|-------------|-------|-------|
| | | | | | | | | | L0 | L1 | 1+ | 10+ | 100+ |
| 1123001 | 42BYG014 | 4 | 8.5 | 0.45 | 19 | 13 | 1300 | 0.22 | 38 | 5 | 16.47 | 14.82 | 13.34 |
| 1123002 | 42BYG016 | 4 | 12 | 0.16 | 75 | 55 | 900 | 0.2 | 33.5 | 17 | 15.63 | 14.07 | 12.66 |
| 1123003 | 42BYG017 | 2 | 6.3 | 0.42 | 15 | 16 | 1400 | 0.22 | 34 | 13 | 16.47 | 14.82 | 13.34 |
| 1123004 | 42BYG023-2 | 2 | 12 | 0.4 | 30 | 36 | 2100 | 0.22 | 33 | 5 | 20.57 | 18.51 | 16.66 |
| 1123005 | 42BYG034 | 2 | 14 | 0.4 | 35 | 44 | 2300 | 0.2 | 33.5 | 24 | 15.63 | 14.07 | 12.66 |
| 1123006 | 42BYG205 | 4 | 12 | 0.16 | 75 | 15 | 1320 | 0.22 | 36 | 5 | 15.63 | 14.07 | 12.66 |
| 1123007 | 42BYG228 | 4 | 12 | 0.4 | 30 | 23 | 2000 | 0.24 | 38 | 5 | 15.63 | 14.07 | 12.66 |
| 1123008 | 42BYG023 | 2 | 12 | 0.4 | 30 | 36 | 2100 | 0.2 | 33.5 | 16 | 15.63 | 14.07 | 12.66 |
| 1123009 | 42BYG304 | 2 | 12 | 0.3 | 40 | 80 | 2800 | 0.22 | 38 | 5 | 15.63 | 14.07 | 12.66 |
| 1123010 | 42BYG015 | 4 | 48 | 0.3 | 160 | 50 | 1250 | 0.22 | 38 | 5 | 15.63 | 14.07 | 12.66 |
| 1123011 | 42BYGH020 | 2 | 9.2 | 0.24 | 38 | 52 | 664 | 0.25 | 32 | 6 | 17.50 | 15.75 | 14.18 |
| 1123012 | 42BYG019 | 4 | 11 | 0.28 | 39.4 | 23.5 | 1200 | 0.2 | 33.5 | 16 | 15.63 | 14.07 | 12.66 |
| 1123013 | 42BYG020 | 4 | 12 | 0.6 | 20 | 14 | 1700 | 0.2 | 33.5 | 16 | 15.63 | 14.07 | 12.66 |
| 1123014 | 42BYG206 | 2 | 3.2 | 1.2 | 2.7 | 5 | 2400 | 0.24 | 38 | 24 | 15.63 | 14.07 | 12.66 |
| 1123015 | 42BYG013 | 4 | 0.6 | 0.2 | 3 | 39 | 1000 | 0.2 | 33.5 | 16 | 15.63 | 14.07 | 12.66 |
| 1124001 | 42BYGH001 | 2 | 2 | 0.95 | 2.1 | 2.3 | 1700 | 0.22 | 34 | 24 | 17.50 | 15.75 | 14.18 |
| 1124002 | 42BYGH102 | 4 | 3 | 1.2 | 2.5 | 2.8 | 2400 | 0.24 | 39 | 24 | 18.53 | 16.68 | 15.01 |
| 1124003 | 42BYGH404 | 2 | 12 | 0.4 | 30 | 25 | 3200 | 0.27 | 48 | 24 | 21.07 | 18.96 | 17.06 |
| 1124004 | 42BYGH007 | 4 | 12 | 0.31 | 38.5 | 18 | 1500 | 0.2 | 34 | 20 | 17.50 | 15.75 | 14.18 |
| 1124005 | 42BYGH025 | 2 | 2.5 | 0.95 | 2.6 | 2.6 | 1700 | 0.2 | 34 | 20 | 17.50 | 15.75 | 14.18 |
| 1124006 | 42BYGH101 | 4 | 6 | 0.7 | 8.5 | 5.6 | 1500 | 0.24 | 39 | 24 | 17.50 | 15.75 | 14.18 |
| 1124007 | 42BYGH102-01 | 2 | 5 | 1 | 5 | 12 | 2600 | 0.24 | 39 | 24 | 17.50 | 15.75 | 14.18 |
| 1124008 | 42BYGH103 | 2 | 12 | 0.4 | 30 | 58 | 3800 | 0.24 | 39 | 24 | 17.50 | 15.75 | 14.18 |
| 1124009 | 42BYGH128 | 4 | 12 | 0.4 | 30 | 24 | 2500 | 0.24 | 39 | 24 | 17.50 | 15.75 | 14.18 |
| 1124010 | 42BYGH301 | 2 | 8.1 | 0.9 | 9 | 14 | 4400 | 0.34 | 48 | 34 | 17.50 | 15.75 | 14.18 |
| 1124011 | 42BYGH302 | 4 | 12 | 0.4 | 30 | 25 | 3200 | 0.34 | 48 | 34 | 17.50 | 15.75 | 14.18 |
| 1124012 | 42BYGH011 | 2 | 11.2 | 0.33 | 34 | 46 | 2400 | 0.2 | 34 | 20 | 17.50 | 15.75 | 14.18 |
| 1124013 | 42BYGH019 | 4 | 11.8 | 0.28 | 42 | 23 | 1800 | 0.2 | 34 | 22 | 17.50 | 15.75 | 14.18 |
| 1124014 | 42BYGH068 | 4 | 4 | 0.95 | 4.2 | 2.7 | 1700 | 0.2 | 34 | 22 | 17.50 | 15.75 | 14.18 |

- Step Angle 1.8°±5%
- Insulation Resistant 500V DC 100MO Min
- Insulation Strength 50Hz 1Minute 500V Min
- Ambient Temperature -20°C~+50°C
- Temperature Rise 80°C Max
- Shaft Radial Play 0.02mm Max
- Shaft End Play 0.1-0.3mm

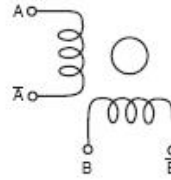
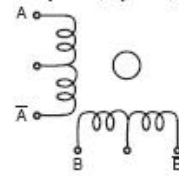
**Stepper Motor****42BYGH Series HB Stepper Motors**

| Kysan # | MFG# | No. of Phase | Voltage (V) | Current (A) | Resistance (Ohms) | Inductance (mH) | Holding Torque (g.cm) | Weight (Kg) | Size(mm) | | Price (US\$) | | |
|---------|---------------|--------------|-------------|-------------|-------------------|-----------------|-----------------------|-------------|----------|------|--------------|-------|-------|
| | | | | | | | | | L0 | L1 | 1+ | 10+ | 100+ |
| 1124015 | 42BYGH204 | 2 | 4.3 | 1 | 4.3 | 6.3 | 4000 | 0.34 | 48 | 24 | 17.5 | 15.75 | 14.18 |
| 1124016 | 42BYGH205 | 2 | 3.8 | 1.2 | 3.2 | 6 | 4500 | 0.34 | 48 | 24 | 17.5 | 15.75 | 14.18 |
| 1124017 | 42BYGH2901 | 2 | 4.2 | 0.6 | 7 | 6 | 1200 | 0.24 | 30 | 27.5 | 17.5 | 15.75 | 14.18 |
| 1124018 | 42BYGH2902 | 2 | 2.4 | 1.2 | 2 | 2.8 | 1800 | 0.24 | 30 | 18 | 17.5 | 15.75 | 14.18 |
| 1124019 | 42BYGH3402 | 2 | 16 | 0.4 | 40 | 36 | 2600 | 0.24 | 34 | 18 | 17.5 | 15.75 | 14.18 |
| 1124020 | 42BYGH3404 | 4 | 5.2 | 0.5 | 10.5 | 7 | 1500 | 0.24 | 34 | 18 | 17.5 | 15.75 | 14.18 |
| 1124021 | 42BYGH3406 | 4 | 18.8 | 0.25 | 75 | 42 | 2000 | 0.24 | 34 | 18 | 17.5 | 15.75 | 14.18 |
| 1124022 | 42BYGH3407 | 2 | 9 | 0.4 | 22.5 | 30 | 2200 | 0.24 | 34 | 24 | 17.5 | 15.75 | 14.18 |
| 1124023 | 42BYGH3905 | 2 | 5.6 | 0.8 | 7 | 10 | 4200 | 0.24 | 40 | 24 | 17.5 | 15.75 | 14.18 |
| 1124024 | 42BYGH3906 | 4 | 7.4 | 0.65 | 11.5 | 12 | 3200 | 0.24 | 40 | 20 | 17.5 | 15.75 | 14.18 |
| 1124025 | 42BYGH3909 | 2 | 12 | 0.4 | 30 | 35 | 3200 | 0.24 | 40 | 24 | 17.5 | 15.75 | 14.18 |
| 1124026 | 42BYGH442C | 4 | 12.6 | 0.3 | 42 | 40 | 2700 | 0.34 | 44 | 27 | 17.5 | 15.75 | 14.18 |
| 1124027 | 42BYGH4404 | 2 | 13.9 | 0.33 | 42 | 95 | 4200 | 0.6 | 44 | 24 | 17.5 | 15.75 | 14.18 |
| 1124028 | 42BYGH4408 | 4 | 5 | 1 | 5 | 6.8 | 3500 | 0.34 | 44 | 24 | 17.5 | 15.75 | 14.18 |
| 1124029 | 42BYGH4802 | 2 | 1.5 | 3 | 0.5 | 1.1 | 5000 | 0.34 | 48 | 17 | 17.5 | 15.75 | 14.18 |
| 1124030 | 42BYGH4803 | 2 | 4.2 | 1.5 | 2.8 | 4.8 | 5000 | 0.34 | 48 | 17 | 17.5 | 15.75 | 14.18 |
| 1124031 | 42BYGH4804 | 4 | 11.2 | 0.4 | 28 | 22 | 3200 | 0.34 | 48 | 24 | 17.50 | 15.75 | 14.18 |
| 1124032 | 42BYGH4806 | 4 | 52 | 1 | 52 | 5.2 | 3800 | 0.34 | 48 | 24 | 17.50 | 15.75 | 14.18 |
| 1124034 | 42BYGH3412-25 | 4 | 12 | 0.4 | 30 | 27 | 2600 | 0.24 | 34 | 24 | 17.50 | 15.75 | 14.18 |

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We offer thousands of electronic components, a commitment to quality, and innovative solutions. Our sales professionals are ready to work diligently with you to support your needs for a variety of electrical motors and electronic components, testing equipment at our sales networks.

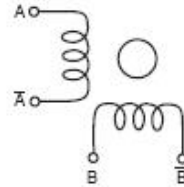
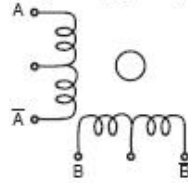
Step Angle 1.8°±5%
Insulation Resistant 500V DC 100MO Min
Insulation Strength 50Hz 1Minute 500V Min
Ambient Temperature -20°C~+50°C
Temperature Rise 80°C Max
Shaft Radial Play 0.02mm Max
Shaft End Play 0.1-0.3mm

**Stepper Motor****Bipolar (2-phase)****Unipolar (4-phase)****57BYG/BYGH Series HB Stepper Motors**

| Kysan# | MFG# | No. of Phase | Voltage (V) | Current (A) | Resistance (Ohms) | Inductance (mH) | Holding Torque (kg.cm) | Weight (Kg) | Size(mm) | | Price (US\$) | | |
|---------|-----------|--------------|-------------|-------------|-------------------|-----------------|------------------------|-------------|----------|------|--------------|-------|-------|
| | | | | | | | | | L0 | L1 | 1+ | 10+ | 100+ |
| 1125001 | 57BYG007 | 4 | 12 | 0.38 | 32 | 30 | 3 | 0.5 | 41 | 21 | 24.57 | 22.11 | 19.90 |
| 1125002 | 57BYG008 | 4 | 4 | 1.3 | 3.1 | 4.4 | 5 | 0.59 | 51 | 21 | 27.63 | 24.87 | 22.38 |
| 1125003 | 57BYG009 | 4 | 2.4 | 2.4 | 1 | 1 | 6 | 0.65 | 56 | 21 | 28.93 | 26.04 | 23.44 |
| 1125004 | 57BYG061 | 2 | 6 | 0.5 | 12 | 24 | 3.6 | 0.45 | 41 | 21 | 27.63 | 24.87 | 22.38 |
| 1125005 | 57BYG070 | 4 | 5.4 | 1.5 | 3.6 | 6 | 9 | 1 | 76 | 21 | 43.87 | 39.48 | 35.53 |
| 1125006 | 57BYG084 | 4 | 12 | 0.6 | 20 | 22 | 6 | 0.59 | 50 | 25 | 27.63 | 24.87 | 22.38 |
| 1125007 | 57BYG069 | 4 | 6 | 1.2 | 5 | 8 | 6 | 0.65 | 56 | 21 | 25.00 | 22.50 | 20.25 |
| 1125008 | 57BYG016 | 2 | 7.6 | 1 | 7.6 | 18 | 4.6 | 0.45 | 41 | 21 | 25.00 | 22.50 | 20.25 |
| 1125009 | 57BYG026 | 2 | 9.50 | 1 | 9.5 | 26 | 7.8 | 0.6 | 51 | 21 | 25.00 | 22.50 | 20.25 |
| 1125010 | 57BYG027 | 4 | 12.00 | 0.38 | 32 | 30 | 3 | 0.6 | 51 | 21 | 25.00 | 22.50 | 20.25 |
| 1125011 | 57BYG048 | 2 | 3.30 | 1.5 | 2.2 | 5.2 | 6.4 | 0.6 | 53 | 41 | 25.00 | 22.50 | 20.25 |
| 1125012 | 57BYG057 | 2 | 3.85 | 1.1 | 3.5 | 6.5 | 3 | 0.6 | 41 | 21 | 25.00 | 22.50 | 20.25 |
| 1125013 | 57BYG066 | 4 | 6.04 | 0.85 | 7.1 | 9 | 4.2 | 0.6 | 51 | 21 | 25.00 | 22.50 | 20.25 |
| 1125014 | 57BYG079 | 2 | 2.80 | 2 | 1.4 | 4 | 8 | 0.65 | 56 | 25 | 25.00 | 22.50 | 20.25 |
| 1125015 | 57BYG081 | 4 | 5.18 | 1 | 5.18 | 7.95 | 7.6 | 0.6 | 50 | 21 | 25.00 | 22.50 | 20.25 |
| 1125016 | 57BYG102 | 4 | 23.94 | 0.38 | 63 | 110 | 6 | 0.6 | 51 | 21 | 25.00 | 22.50 | 20.25 |
| 1125017 | 57BYG108 | 2 | 2.59 | 1.8 | 1.44 | 3.6 | 5.8 | 0.6 | 51 | 21 | 25.00 | 22.50 | 20.25 |
| 1125018 | 57BYG119 | 2 | 2.98 | 3.5 | 0.85 | 1.6 | 8.4 | 0.65 | 56 | 21 | 25.00 | 22.50 | 20.25 |
| 1125019 | 57BYG201 | 4 | 11.40 | 0.38 | 30 | 32 | 3 | 0.45 | 41 | 21 | 25.00 | 22.50 | 20.25 |
| 1125020 | 57BYG210 | 4 | 2.00 | 2 | 1 | 1.65 | 5.8 | 0.65 | 56 | 21 | 25.00 | 22.50 | 20.25 |
| 1125021 | 57BYG320 | 4 | 3.00 | 3 | 1 | 1.6 | 10 | 0.95 | 80 | 20 | 25.00 | 22.50 | 20.25 |
| 1126001 | 57BYGH001 | 2 | 7.2 | 0.6 | 12 | 20.0 | 4 | 0.42 | 41 | 21 | 27.63 | 24.87 | 22.38 |
| 1126002 | 57BYGH801 | 4 | 3.3 | 1.5 | 2.2 | 22 | 5.6 | 1.14 | 50 | 21 | 29.83 | 26.85 | 24.16 |
| 1126003 | 57BYGH802 | 4 | 4.8 | 1.5 | 3.2 | 2.9 | 8.1 | 1.14 | 50 | 21 | 34.20 | 30.78 | 27.70 |
| 1126004 | 57BYGH803 | 4 | 6.3 | 1.5 | 4.2 | 8.5 | 14.3 | 1.14 | 76 | 21 | 43.87 | 39.48 | 35.53 |
| 1126005 | 57BYGH201 | 2 | 2.8 | 2.5 | E r1.1 | 3.6 | 9 | 0.6 | 54 | 25.4 | 31.25 | 28.13 | 25.31 |
| 1126006 | 57BYGH102 | 2 | 2.4 | 3 | 0.8 | 2.4 | 7 | 0.55 | 50 | 22 | 31.25 | 28.13 | 25.31 |

Beijing Office Room 319, 313, 3rd Floor,
 Zhichun Electronics Market, Beijing, China,

Step Angle 1.8°±5%
Insulation Resistant 500V DC 100MO Min
Insulation Strength 50Hz 1Minute 500V Min
Ambient Temperature -20°C~+50°C
Temperature Rise 80°C Max
Shaft Radial Play 0.02mm Max
Shaft End Play 0.1-0.3mm

**Bipolar (2-phase)****Unipolar (4-phase)****Stepper Motor****57BYGH Series HB Stepper Motors**

| Kysan #. | MFG# | No. of Phase | Voltage (V) | Current (A) | Resistance (Ohms) | Inductance (mH) | Holding Torque (kg.cm) | Weight (Kg) | Size (mm) | | Price (US\$) | | |
|----------|-----------|--------------|-------------|-------------|-------------------|-----------------|------------------------|-------------|-----------|------|--------------|-------|-------|
| | | | | | | | | | L0 | L1 | 1+ | 10+ | 100+ |
| 1126007 | 57BYGH101 | 2 | 7.2 | 0.6 | 12 | 32 | 7 | 0.55 | 50 | 21 | 31.25 | 28.13 | 25.31 |
| 1126008 | 57BYGH006 | 4 | 24.14 | 0.34 | 71 | 90 | 4.4 | 0.42 | 41 | 22 | 31.25 | 28.13 | 25.31 |
| 1126009 | 57BYGH007 | 2 | 14.2 | 0.4 | 35.5 | 52 | 5.6 | 0.42 | 41 | 22 | 30.87 | 27.78 | 25.00 |
| 1126010 | 57BYGH008 | 4 | 2.8 | 2 | 1.4 | 1.2 | 4.2 | 0.42 | 41 | 21 | 31.25 | 28.13 | 25.31 |
| 1126011 | 57BYGH103 | 4 | 12.16 | 0.38 | 32 | 38 | 6 | 0.65 | 50 | 21 | 31.25 | 28.13 | 25.31 |
| 1126012 | 57BYGH104 | 4 | 2.53 | 2.3 | 1.1 | 1.4 | 8.2 | 0.65 | 50 | 21 | 31.25 | 28.13 | 25.31 |
| 1126013 | 57BYGH202 | 4 | 2.25 | 3 | 0.75 | 1.2 | 9 | 0.65 | 54 | 21 | 31.25 | 28.13 | 25.31 |
| 1126014 | 57BYGH207 | 4 | 12 | 0.4 | 30 | 60 | 8 | 0.7 | 56 | 21 | 31.25 | 28.13 | 25.31 |
| 1126015 | 57BYGH208 | 4 | 3.52 | 1.6 | 2.2 | 3.4 | 8 | 0.65 | 53 | 25.5 | 31.25 | 28.13 | 25.31 |
| 1126017 | 57BYGH211 | 4 | 4.16 | 1.6 | 2.6 | 5 | 9 | 0.65 | 50 | 21 | 31.25 | 28.13 | 25.31 |
| 1126018 | 57BYGH212 | 2 | 3.5 | 1 | 3.5 | 12.5 | 9 | 0.65 | 54 | 21 | 31.25 | 28.13 | 25.31 |
| 1126019 | 57BYGH213 | 4 | 6.2 | 1 | 6.2 | 10 | 9 | 0.65 | 54 | 21 | 31.25 | 28.13 | 25.31 |
| 1126020 | 57BYGH218 | 2 | 8.2 | 1 | 8.2 | 16.8 | 10 | 0.7 | 56 | 31.5 | 31.25 | 28.13 | 25.31 |
| 1126021 | 57BYGH291 | 4 | 3.25 | 2.5 | 1.3 | 4.5 | 8 | 0.7 | 54 | 21 | 31.25 | 28.13 | 25.31 |
| 1126022 | 57BYGH301 | 2 | 5.88 | 1.4 | 4.2 | 15 | 15 | 1.1 | 76 | 21 | 31.25 | 28.13 | 25.31 |
| 1126023 | 57BYGH302 | 4 | 3 | 3 | 1 | 2.1 | 13 | 0.65 | 76 | 21 | 31.25 | 28.13 | 25.31 |
| 1126024 | 57BYGH303 | 4 | 5.75 | 2.3 | 2.5 | 5.3 | 13 | 0.65 | 76 | 21 | 31.25 | 28.13 | 25.31 |
| 1126025 | 57BYGH310 | 2 | 8.6 | 2 | 4.3 | 16.2 | 24 | 1.1 | 76 | 21 | 31.25 | 28.13 | 25.31 |
| 1126026 | 57BYGH311 | 4 | 3.6 | 3 | 1.2 | 2.2 | 15 | 1.1 | 76 | 25.5 | 31.25 | 28.13 | 25.31 |
| 1126027 | 57BYGH315 | 4 | 3 | 3 | 1 | 1.6 | 13.5 | 1.1 | 76 | 25.5 | 31.25 | 28.13 | 25.31 |
| 1126028 | 57BYGH316 | 2 | 4.2 | 3 | 1.4 | 3.5 | 18 | 1.1 | 76 | 21 | 31.25 | 28.13 | 25.31 |
| 1126029 | 57BYGH317 | 4 | 4.5 | 2.5 | 1.8 | 3 | 18 | 1.1 | 76 | 21 | 31.25 | 28.13 | 25.31 |
| 1126030 | 57BYGH318 | 2 | 3.3 | 3.3 | 1 | 2 | 18 | 1.1 | 76 | 21 | 31.25 | 28.13 | 25.31 |
| 1126031 | 57BYGH320 | 2 | 15.2 | 0.4 | 38 | 150 | 18 | 1.1 | 76 | 21 | 31.25 | 28.13 | 25.31 |
| 1126032 | 57BYGH323 | 2 | 32 | 0.4 | 80 | 18.5 | 16 | 1.1 | 76 | 21 | 31.25 | 28.13 | 25.31 |
| 1126033 | 57BYGH402 | 4 | 5.5 | 2.5 | 2.2 | 3.8 | 18 | 1.5 | 82 | 30 | 31.25 | 28.13 | 25.31 |
| 1126034 | 57BYGH405 | 4 | 3.6 | 3 | 1.2 | 2.4 | 21 | 1.3 | 82 | 21 | 31.25 | 28.13 | 25.31 |
| 1126035 | 57BYGH408 | 2 | 3.6 | 3 | 1.2 | 4 | 21 | 1.5 | 82 | 21 | 31.25 | 28.13 | 25.31 |

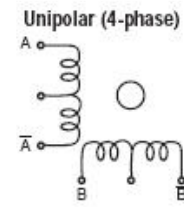
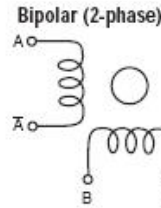
Dalian Office Changxing E lectronics Market, Dalian, China

E-mail: info@kysanelectronics.com

- Step Angle 1.8°±5%
- Insulation Resistant 500V DC 100MO Min
- Insulation Strength 50Hz 1Minute 500V Min
- Ambient Temperature -20°C~+50°C
- Temperature Rise 80°C Max
- Shaft Radial Play 0.02mm Max
- Shaft End Play 0.1-0.3mm



Stepper Motor



85BYGH Series HB Stepper Motors

| Kysan # | MFG# | No. of Phase | Voltage | Current (A) | Resistance (O) | Holding Torque (kg.cm) | Rotor Inertia (g.cm ²) | Weight (Kg) | Size (mm) | | Price (US\$) | | |
|---------|---------------|--------------|---------|-------------|----------------|------------------------|------------------------------------|-------------|-----------|----|--------------|--------|--------|
| | | | (V) | | | | | | L0 | L1 | 1+ | 10+ | 100+ |
| 1127001 | 85BYGH450 | 4 | 4.4 | 2 | 2.2 | 21 | 1400 | 2.2 | 68 | 37 | 82.3 | 74.07 | 66.66 |
| 1127002 | 85BYGH450A-01 | 4 | 4.4 | 2 | 2.2 | 21 | 1400 | 1.7 | 68 | 37 | 158.38 | 142.54 | 128.29 |
| 1127003 | 85BYGH450A-02 | 4 | 4.4 | 4.5 | 0.44 | 21 | 1400 | 1.7 | 68 | 37 | 158.38 | 142.54 | 128.29 |
| 1127004 | 85BYGH450B-01 | 4 | 6.4 | 2 | 3.2 | 41 | 2700 | 2.8 | 98 | 37 | 158.38 | 142.54 | 128.29 |
| 1127005 | 85BYGH450B-02 | 4 | 2.8 | 4.5 | 0.62 | 41 | 2700 | 2.8 | 98 | 37 | 158.38 | 142.54 | 128.29 |
| 1127006 | 85BYGH450C-01 | 4 | 7.8 | 2 | 3.9 | 63 | 4000 | 3.8 | 128 | 37 | 158.38 | 142.54 | 128.29 |
| 1127007 | 85BYGH450C-02 | 4 | 3.8 | 4 | 0.95 | 63 | 4000 | 3.8 | 128 | 37 | 158.38 | 142.54 | 128.29 |
| 1127008 | 85BYGH450A-04 | 4 | 3 | 3 | 1 | 23 | 1400 | 1.7 | 68 | 37 | 158.38 | 142.54 | 128.29 |
| 1127009 | 85BYGH450A-06 | 2 | 2.1 | 4 | 0.53 | 24 | 1400 | 1.7 | 68 | 37 | 158.38 | 142.54 | 128.29 |
| 1127010 | 85BYGH450A-07 | 2 | 1.4 | 5 | 0.28 | 25 | 1400 | 1.7 | 68 | 37 | 158.38 | 142.54 | 128.29 |
| 1127011 | 85BYGH450A-08 | 2 | 4.2 | 4 | 1.05 | 42 | 1400 | 1.7 | 68 | 37 | 158.38 | 142.54 | 128.29 |
| 1127012 | 85BYGH450A-09 | 2 | 2.8 | 2 | 1.4 | 24 | 1400 | 1.7 | 68 | 37 | 158.38 | 142.54 | 128.29 |
| 1127013 | 85BYGH450B-03 | 4 | 6.4 | 2 | 3.2 | 60 | 2700 | 2.8 | 113 | 37 | 128.2 | 115.38 | 103.84 |
| 1127014 | 85BYGH450B-04 | 4 | 3.6 | 4.2 | 0.85 | 61 | 2700 | 2.8 | 113 | 37 | 128.2 | 115.38 | 103.84 |
| 1127015 | 85BYGH450B-05 | 2 | 2.8 | 4 | 0.7 | 50 | 2700 | 2.8 | 113 | 37 | 128.2 | 115.38 | 103.84 |
| 1127016 | 85BYGH450B-06 | 4 | 3.1 | 5 | 0.62 | 42 | 2700 | 2.8 | 113 | 37 | 128.2 | 115.38 | 103.84 |
| 1127017 | 85BYGH450B-07 | 4 | 4.8 | 3 | 1.6 | 60 | 2700 | 2.8 | 113 | 37 | 128.2 | 115.38 | 103.84 |
| 1127018 | 85BYGH450C-03 | 4 | 6 | 3 | 2 | 67 | 4000 | 3.8 | 151 | 37 | 128.2 | 115.38 | 103.84 |
| 1127019 | 85BYGH450C-04 | 2 | 4.4 | 4.5 | 0.98 | 67 | 4000 | 3.8 | 151 | 37 | 128.2 | 115.38 | 103.84 |

Driver

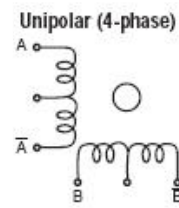
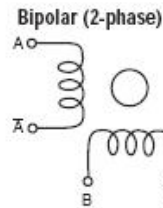
Spider Coupler

| Kysan # | MFG # | Price(US\$) | | | Kysan # | Hole Size (mm) | Price (US\$) | | |
|---------|--------|-------------|--------|--------|---------|----------------|--------------|------|------|
| | | 1+ | 10+ | 100+ | | | 1+ | 10+ | 100+ |
| 1141001 | CW220 | 76.93 | 69.24 | 62.32 | 1142001 | 3.18 | 0.4 | 0.36 | 0.32 |
| 1141002 | CW242 | 76.93 | 69.24 | 62.32 | 1142002 | 5 | 0.4 | 0.36 | 0.32 |
| 1141003 | CW250 | 85.47 | 76.92 | 69.23 | 1142003 | 6.35 | 0.4 | 0.36 | 0.32 |
| 1141004 | CW430 | 76.93 | 69.24 | 62.32 | 1142004 | rubber | 0.2 | 0.18 | 0.16 |
| 1141005 | XCW220 | 76.93 | 69.24 | 62.32 | 1142005 | 14-15 | 6.4 | 5.76 | 5.18 |
| 1141007 | CW230 | 85.47 | 76.92 | 69.23 | 1142006 | 6.35-10 | 4.27 | 3.84 | 3.46 |
| 1141012 | CW260C | 235.03 | 211.53 | 190.37 | 1142007 | 10.0-10.0 | 6.4 | 5.76 | 5.18 |
| 1141010 | CW01 | 256.41 | 230.77 | 207.69 | 1142008 | 14.0-10.0 | 6.4 | 5.76 | 5.18 |

- Step Angle 1.8°±5%
- Insulation Resistant 500V DC 100MO Min
- Insulation Strength 50Hz 1Minute 500V Min
- Ambient Temperature -20°C~+50°C
- Temperature Rise 80°C Max
- Shaft Radial Play 0.02mm Max
- Shaft End Play 0.1-0.3mm



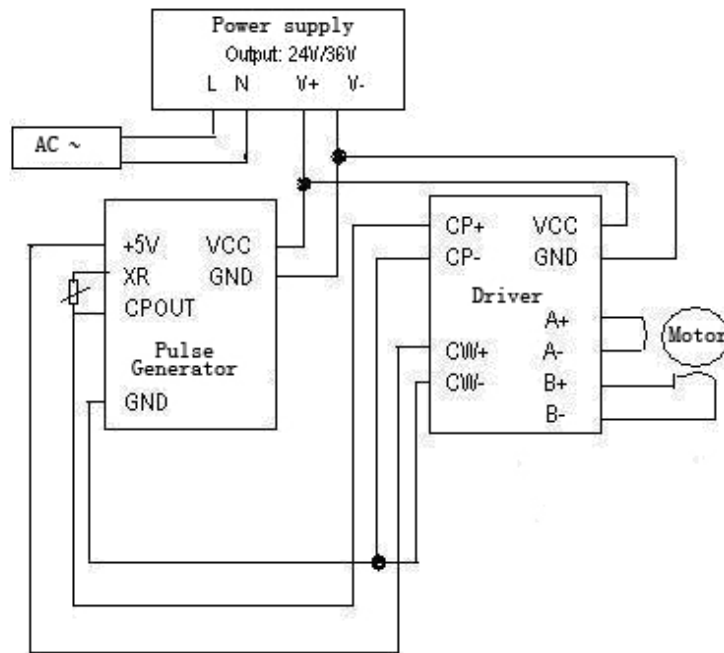
Stepper Motor



110BYG Series HB Stepper Motors

| Kysan # | MFG# | No. of Phase | Step Angle (Deg.) | Voltage (V) | Current (A) | Resistance (O) | Inductance (mH) | Holding Torque (Kg-cm) | Rotor Inertia (Kg.cm ²) | Weight (Kg) | Price (US\$) | | |
|---------|------------|--------------|-------------------|-------------|-------------|----------------|-----------------|------------------------|-------------------------------------|-------------|--------------|--------|--------|
| | | | | | | | | | | | 1+ | 10+ | 100+ |
| 1128001 | 110BYG450C | 4 | 0.9/1.8 | 80-200 | 6 | 0.18 | 2 | 45 | 3.8 | 3.8 | 187.50 | 168.75 | 151.88 |
| 1128002 | 110BYG450 | 4 | 0.9/1.8 | 80-200 | 6 | 0.22 | 2.1 | 71 | 7.5 | 7.5 | 192.30 | 173.07 | 155.76 |
| 1128003 | 110BYG450A | 4 | 0.9/1.8 | 80-200 | 6 | 0.3 | 3.2 | 103 | 11.5 | 11 | 187.50 | 168.75 | 151.88 |
| 1128004 | 110BYG007 | 5 | 0.36/0.72 | 130 | 5 | 0.3 | 1.9 | 68 | 7.5 | 7.5 | 187.50 | 168.75 | 151.88 |
| 1128005 | 110BYG008 | 5 | 0.36/0.72 | 130 | 5 | 0.37 | 3.4 | 103 | 11.5 | 11.5 | 187.50 | 168.75 | 151.88 |
| 1128006 | 110BYG550A | 5 | 0.36/0.72 | 130 | 3 | 0.5 | 5.3 | 68 | 7.5 | 7.5 | 187.50 | 168.75 | 151.88 |
| 1128007 | 110BYG550B | 5 | 0.36/0.72 | 130 | 3 | 0.62 | 9.5 | 103 | 11.5 | 11.5 | 187.50 | 168.75 | 151.88 |

Wiring Diagram



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