

企业简介

COMPANY INTRODUCTION



常州宝龙电机有限公司

专注科技 品质领先

常州宝龙电机有限公司专业从事步进电机、无刷直流电机、永磁直流电机等各类微特电机及其驱动控制系统的研制开发和生产销售。公司自行研制的混合式步进电机、无刷直流电机结合国外先进技术而设计。采用优质材料和精良工艺制造，实行严格的质量管理，在国内处于领先水平，可与国外同类电机相媲美。公司产品广泛用于计算机外部设备，通讯设备，舞台灯光设备及各种工业自动化、办公自动化控制系统中。

“产品创新”、“品质第一”、“客户至上”

是我们的理念，相信我们的产品将是您工作上的好帮手！

Changzhou Baolong motors Co.,Ltd. is a professional manufacturer in the production of Hybrid and pm stepping motor,Dc brushless motor,Dc brush motor,Stepping and brushless motor driver,and so on. These kinds of products are widely applied in computer periphera,telecommunications stage lighting,industrial control systems and office automation.

Our company persists in pursuing high quality products,on time delivery and efficient service for our customers.

CONTENTS

步进电机 Stepping motors

编号规则及技术条件 Serial number rule and general specification	1
8HY(20mm)Series, 1.8deg/step	2
11HY(28mm) Series, 1.8deg/step	3
NEW 36HM(36mm) Series, 0.9deg/step	4
14HY(35mm) Series, 1.8deg/step	5
14HM(35mm) Series, 0.9deg/step	6
16HY(39mm) Series, 1.8deg/step	7
16HM(39mm)Series, 0.9deg/step	8
NEW 17HS(42mm) Series, 1.8deg/step 17HE(42mm) Series, 3.6deg/step	9
17HM(42mm) Series, 0.9deg/step	10
23HY(57mm) Series, 1.8deg/step	11
23HS(57mm) Series, 1.8deg/step	12
23HM(57mm) Series, 0.9deg/step	13
NEW 24HS(60mm) Series, 1.8deg/step	14
NEW 24HT(60mm) Series, 1.2deg/step	15
34HY(86mm) Series, 1.8deg/step	16
34HS(86mm) Series, 1.8deg/step	17
NEW 34HM(86mm) Series, 0.9deg/step	18
NEW 34HT(86mm) Series, 1.2deg/step	19
43HS/HT(110mm) Series, 1.8deg/step/1.2deg/step	20

无刷电机 Brushless DC Motors Catalog

42 series, 42x42mm Frame Size	21
60 series, 61x61mm Frame Size	22
70 series, 70x70mm Frame Size	23
80 series, 88x88mm Frame Size	24
90 series, 86x86mm Frame Size	25
110 series, 110x110mm Frame Size	26
Wire Connection Diagrams	27
Matched Drivers & Accessories	28
出轴方式 Shaft mode	29
接线方式 lead wire mode	30
特种电机 Special motors	31

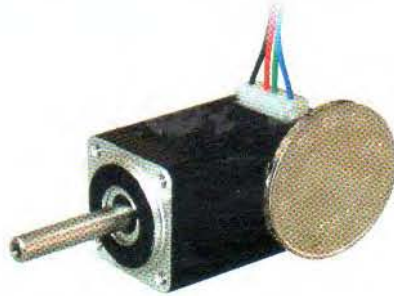
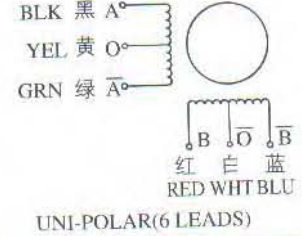
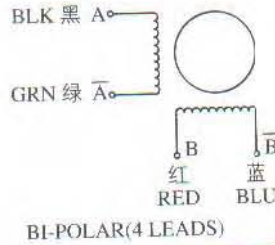
编号规则 Serial number rule

17 HS 3 3 XX—XX



通用技术条件 GENERAL SPECIFICATIONS

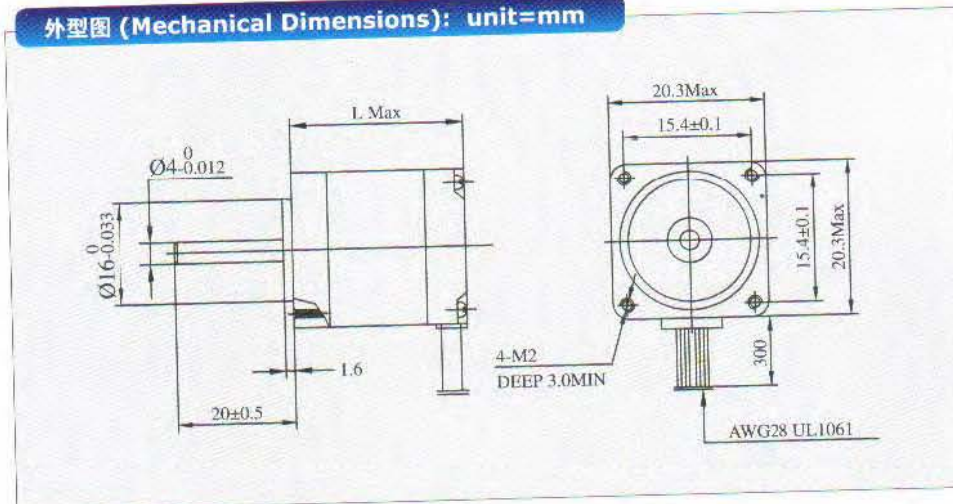
Item		Specifications
Step Angle Accuracy	步距精度	±5%(full step, no load)
Resistance Accuracy	电阻精度	±10%
Inductance Accuracy	电感精度	±20%
Temperature Rise	温 升	80℃ Max.(rated current, 2 phase on)
Ambient Temperature	环 境	-20℃ ~ + 50℃
Insulation Resistance	绝缘电阻	100MΩ Min.,500VDC
Dielectric Strength	耐 压	500VAC for one minute

8HY(20mm) mini Series, 1.8deg/step 2/4-Phase Hybrid Stepper Motors

接线图(Wiring Diagram):

技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电流 Rated Current (A)	电阻 Phase Resistance (Ω)	电感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
8HY2402	1.8	28	0.2	23	8.2	1.4	0.2	2.5	4	50
8HY2406	1.8	28	0.6	3.2	0.9	1.4	0.2	2.5	4	50
8HY3402	1.8	34	0.2	25	8.4	1.8	0.3	3.2	4	70
8HY3406	1.8	34	0.6	4.5	1.2	1.8	0.3	3.2	4	70
8HY4402	1.8	40	0.2	32	8.8	2.6	0.5	4.5	4	82
8HY4406	1.8	40	0.6	5.8	1.6	2.6	0.5	4.5	4	82

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

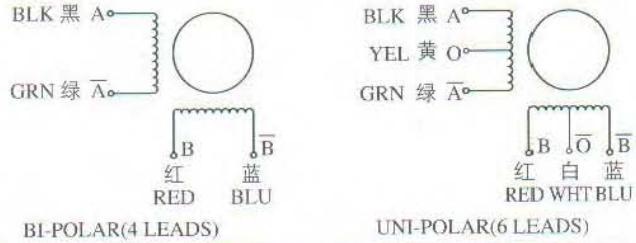
外型图 (Mechanical Dimensions): unit=mm

机身说明 (Motor Length):

型号	机身長
8HY2xxx	28mm
8HY3xxx	34mm
8HY4xxx	40mm

11HY(28mm) Series, 1.8deg/step 2/4-Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



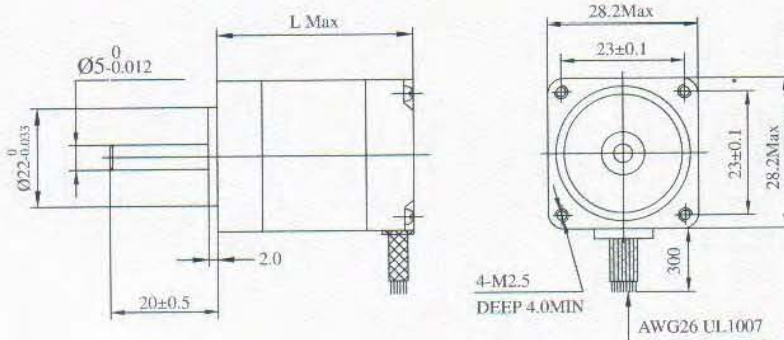
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
11HY2401	1.8	28	0.6	4.2	2.2	4.5	0.3	6	4	105
11HY2402	1.8	28	0.35	12	5.8	4.5	0.3	6	4	105
11HY3401	1.8	33	0.6	5.5	3.2	6.0	0.4	8	4	110
11HY3402	1.8	33	0.35	15	9.2	6.0	0.4	8	4	110
11HY4401	1.8	41	0.6	7.0	6.0	6.0	0.5	11	4	140
11HY4402	1.8	41	0.35	20	15	6.0	0.5	11	4	140
11HY5401	1.8	50	0.6	9.0	7.2	10	0.8	13	4	180
11HY5402	1.8	50	0.35	24	18.5	10	0.8	13	4	180

*以上仅为代表性产品，派生产产品可根据客户要求制作

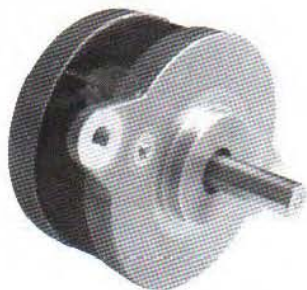
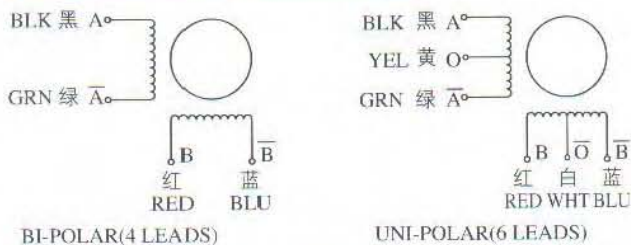
*Note: We can manufacture products according to customer's requirements.

外型图 (Mechanical Dimensions): unit=mm



机身说明 (Motor Lengh):

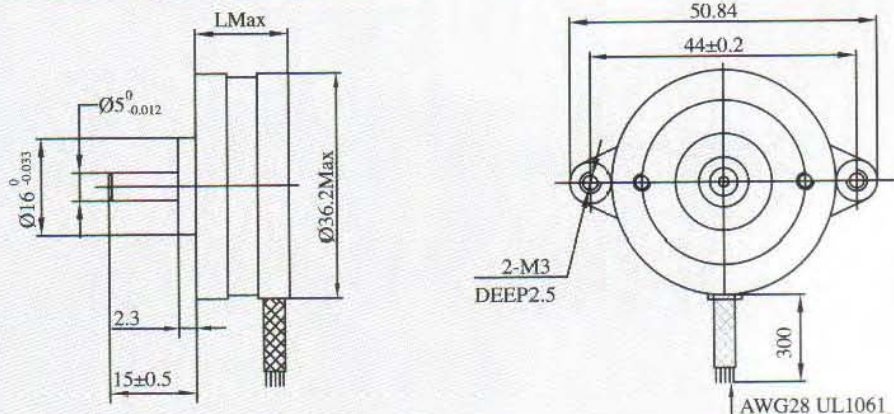
型号	机身長
11HY2xxx	28mm
11HY3xxx	33mm
11HY4xxx	41mm
11HY5xxx	50mm

36HM(36mm) Series, 0.9deg/step 2/4-Phase Hybrid Stepper Motors

接线图(Wiring Diagram):

技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身长 Motor Length (mm)	电流 Rated Current (A)	电阻 Phase Resistance (Ω)	电感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
36HM1403	0.9	15.2	0.3	16.8	8.5	3.6	0.3	4	4	55
36HM2405	0.9	19.8	0.45	15	8.2	8.8	0.5	6	4	95

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外型图 (Mechanical Dimensions): unit=mm

机身说明 (Motor Length):

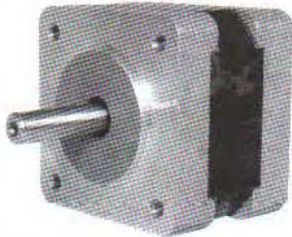
型号	机身长
36HM1xxx	15.2mm
36HM2xxx	19.8mm

2相14HY(1.8°)

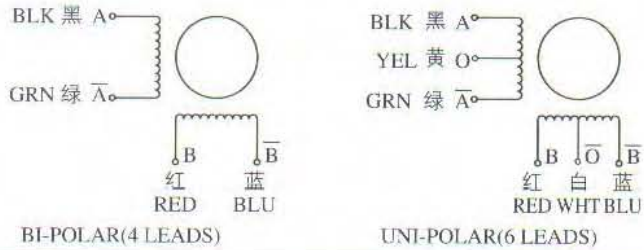


SERIES HYBRID STEPPING MOTOR (混合式步进电机)

14HY(35mm)Series, 1.8deg/step 2/4-Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



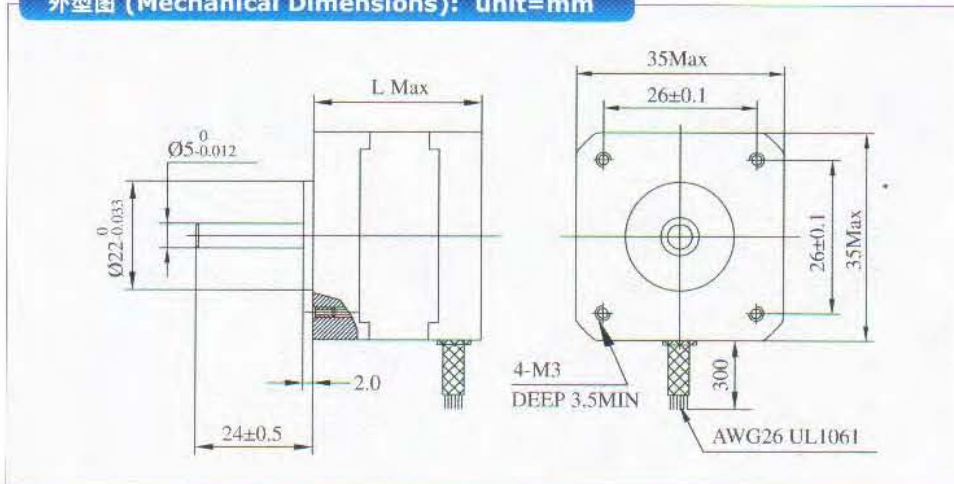
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
14HY2420	1.8	28	0.46	20	14	12	0.8	11	4	120
14HY2402	1.8	28	0.8	5.0	5.0	12	0.8	11	4	120
14HY2630	1.8	28	0.4	30	11	9	0.8	11	6	120
14HY3401	1.8	34	0.42	25	32	18	1.0	13	4	160
14HY3402	1.8	34	0.8	6.5	9.8	18	1.0	13	4	160
14HY3630	1.8	34	0.4	30	22	12	1.0	13	6	160

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

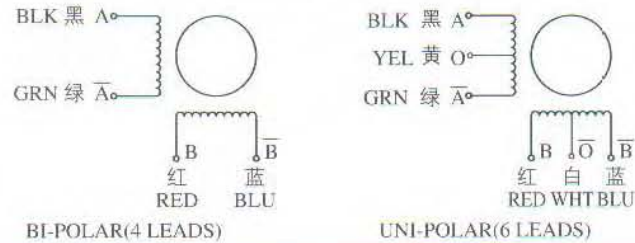
外型图 (Mechanical Dimensions): unit=mm



机身说明 (Motor Length):

型号	机身長
14HY2xxx	28mm
14HY3xxx	34mm

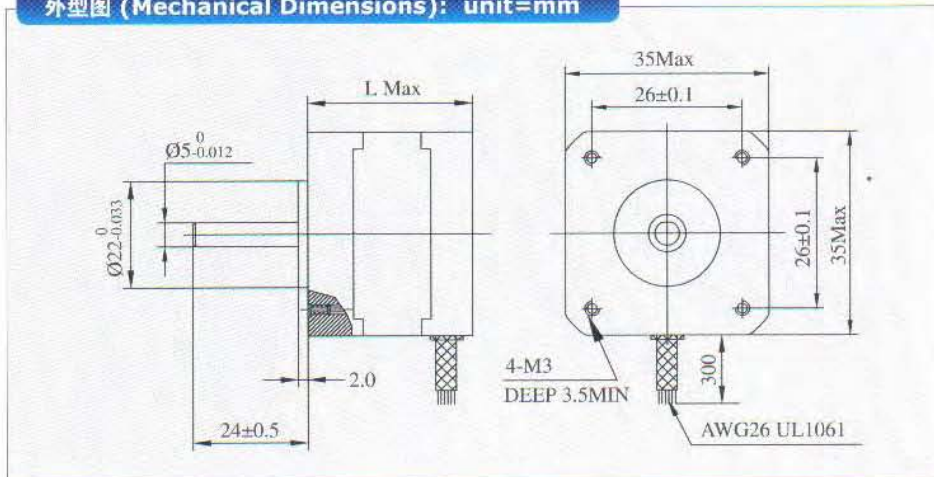
14HM(35mm) Series, 0.9deg/step 2/4-Phase Hybrid Stepper Motors

接线图(Wiring Diagram):

技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
14HM2401	0.9	28	0.8	4.5	4.2	9	0.3	12	4	130
14HM2402	0.9	28	0.55	10	9.5	9	0.3	12	4	130
14HM2403	0.9	28	0.36	22	20	9	0.3	12	4	130
14HM2630	0.9	28	0.4	30	12	8	0.3	12	6	130
14HM3401	0.9	34	0.8	6	10	14	0.6	18	4	190
14HM3402	0.9	34	0.55	12	19	14	0.6	18	4	190
14HM3403	0.9	34	0.36	28	42	14	0.6	18	4	190
14HM3630	0.9	34	0.4	30	18	10	0.6	18	6	190

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外型图 (Mechanical Dimensions): unit=mm

机身说明 (Motor Length):

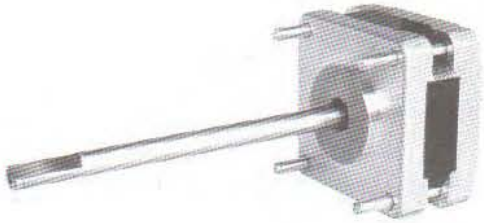
型号	机身長
14HM2xxx	28mm
14HM3xxx	34mm

2相16HY(1.8°)

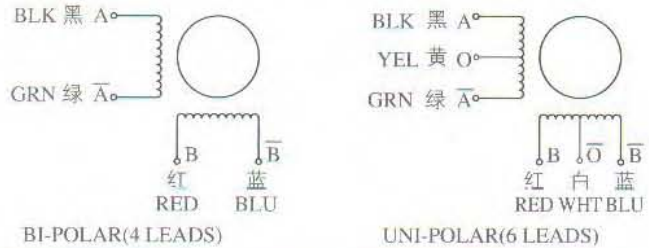


SERIES HYBRID STEPPING MOTOR (混合式步进电机)

16HY(39mm)Series, 1.8deg/step 2/4-Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



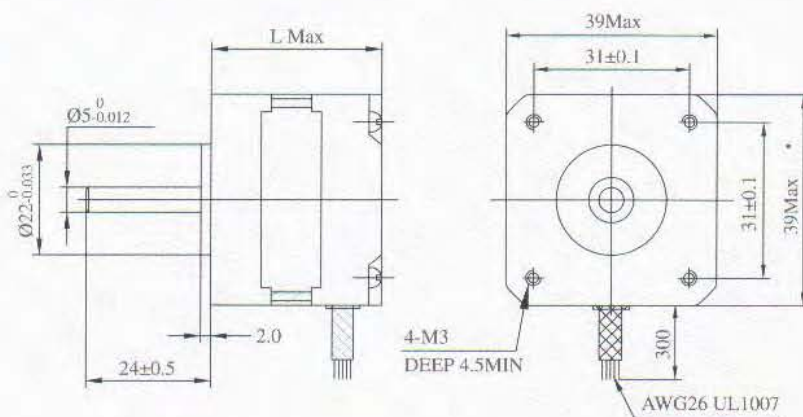
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电流 Rated Current (A)	电阻 Phase Resistance (Ω)	电感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
16HY0401	1.8	20	0.42	18	12	8	0.5	12	4	100
16HY2410	1.8	26	0.6	9	10	14	0.8	14	4	120
16HY3401	1.8	34	0.6	12	13	18	1.0	19	4	160
16HY3402	1.8	34	1.2	3.2	3.0	16	1.0	19	4	160
16HY3630	1.8	34	0.4	30	14	12	1.0	19	6	160
16HY4401	1.8	40	0.6	12	20	24	1.2	24	4	210
16HY4402	1.8	40	1.2	3.8	6.5	24	1.2	24	4	210
16HY4630	1.8	40	0.4	30	22	18	1.2	24	4	210

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

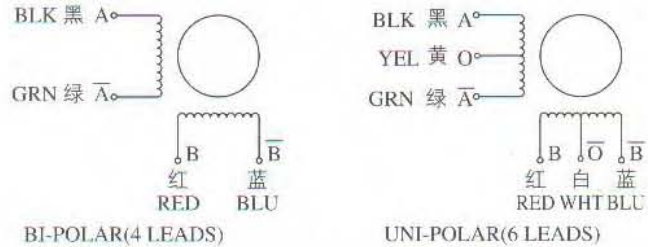
外型图 (Mechanical Dimensions): unit=mm



机身说明 (Motor Length):

型号	机身長
16HY0xxx	20mm
16HY2xxx	26mm
16HY3xxx	34mm
16HY4xxx	40mm

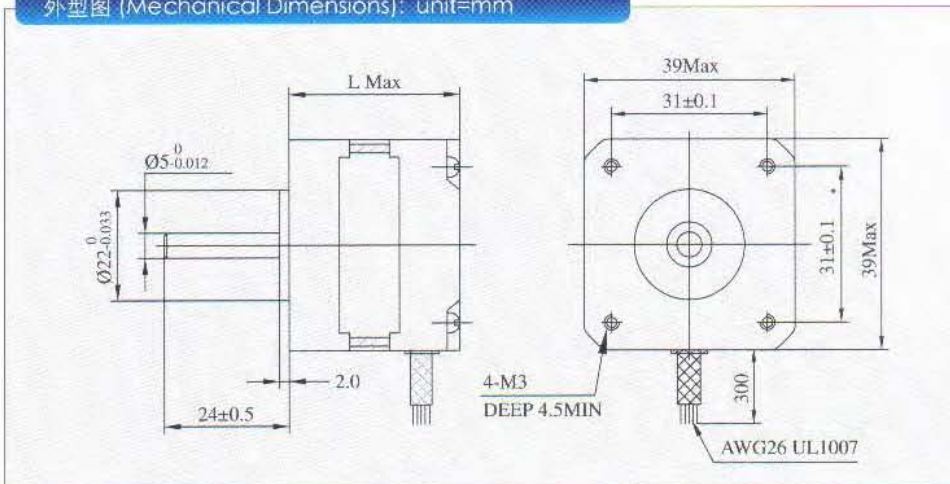
16HM(39mm)Series, 0.9deg/step 2/4-Phase Hybrid Stepper Motors

接线图(Wiring Diagram):

技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重 量 Motor Weight (g)
16HM0401	0.9	20	0.42	20	16	8	0.5	15	4	100
16HM2410	0.9	26	0.6	9	16	14	0.8	18	4	120
16HM3401	0.9	34	0.6	9	15	16	1.1	23	4	160
16HM3402	0.9	34	1.2	2.5	3.6	16	1.1	23	4	160
16HM3630	0.9	34	0.4	30	16	12	1.1	23	6	160
16HM4401	0.9	40	0.6	12	20	22	1.4	30	4	210
16HM4402	0.9	40	1.2	3.2	5.5	22	1.4	30	4	210
16HM4630	0.9	40	0.4	30	26	18	1.4	30	6	210

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外型图 (Mechanical Dimensions): unit=mm

机身说明 (Motor Length):

型号	机身長
16HM0xxx	20mm
16HM2xxx	26mm
16HM3xxx	34mm
16HM4xxx	40mm

2相17HS(1.8°) NEW:17HS-3.6°

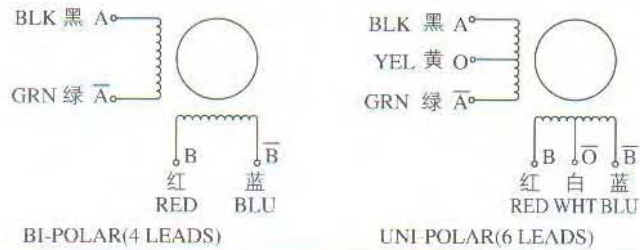


SERIES HYBRID STEPPING MOTOR (混合式步进电机)

17HS/42mm Series, 1.8deg/step 2/4-Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



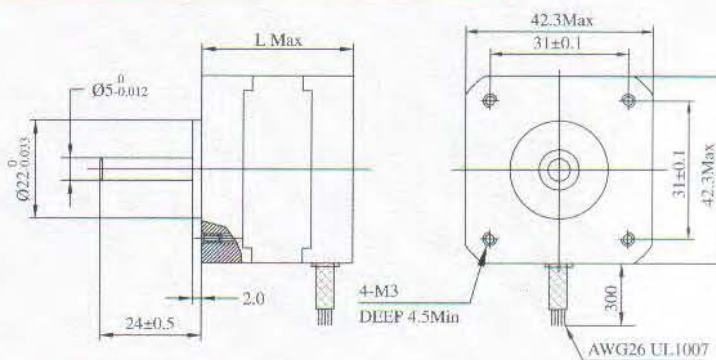
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电流 Rated Current (A)	电阻 Phase Resistance (Ω)	电感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
17HS2408	1.8	28	0.6	8	10	12	1.6	34	4	150
17HS3401	1.8	34	1.3	2.4	2.8	28	1.6	34	4	220
17HS3410	1.8	34	1.7	1.2	1.8	28	1.6	34	4	220
17HS3430	1.8	34	0.4	30	35	28	1.6	34	4	220
17HS3630	1.8	34	0.4	30	18	21	1.6	34	6	220
17HS3616	1.8	34	0.16	75	40	14	1.6	34	6	220
17HS4401	1.8	40	1.7	1.5	2.8	40	2.2	54	4	280
17HS4402	1.8	40	1.3	2.5	5.0	40	2.2	54	4	280
17HS4602	1.8	40	1.2	3.2	2.8	28	2.2	54	6	280
17HS4630	1.8	40	0.4	30	28	28	2.2	54	6	280
17HS8401	1.8	48	1.7	1.8	3.2	52	2.6	68	4	350
17HS8402	1.8	48	1.3	3.2	5.5	52	2.6	68	4	350
17HS8403	1.8	48	2.3	1.2	1.6	46	2.6	68	4	350
17HS8630	1.8	48	0.4	30	38	34	2.6	68	6	350

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

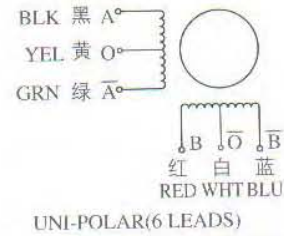
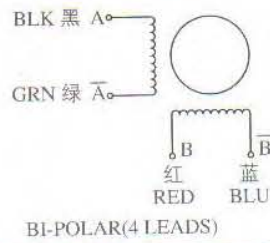
外型图 (Mechanical Dimensions): unit=mm



机身说明 (Motor Length):

型号	机身長
17HS2xxx	28mm
17HS3xxx	34mm
17HS4xxx	40mm
17HS8xxx	48mm
17HS9xxx	58mm
17HS6xxx	63mm

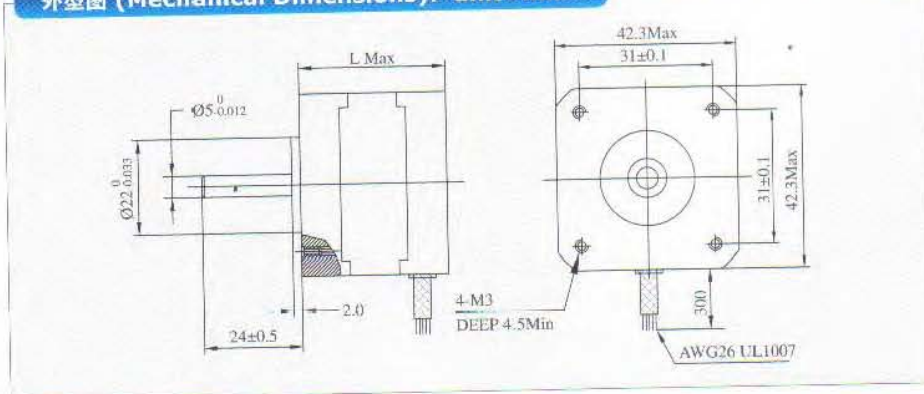
17HM(42mm)Series, 0.9deg/step 2/4-Phase Hybrid Stepper Motors

接线图(Wiring Diagram):

技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重 量 Motor Weight (g)
17HM2408	0.9	28	0.6	9	9	10	0.9	20	4	130
17HM3401	0.9	34	1.3	2.4	3.6	24	1.2	34	4	220
17HM3410	0.9	34	1.7	1.2	2.2	24	1.2	34	4	220
17HM3430	0.9	34	0.4	30	45	24	1.2	34	4	220
17HM3630	0.9	34	0.4	30	22	20	1.2	34	6	220
17HM3616	0.9	34	0.16	75	54	12	1.2	34	6	220
17HM4401	0.9	40	1.7	1.5	3.8	36	1.8	54	4	280
17HM4402	0.9	40	1.3	2.5	6.2	36	1.8	54	4	280
17HM4602	0.9	40	1.2	3.2	3.8	26	1.8	54	6	280
17HM4630	0.9	40	0.4	30	34	26	1.8	54	6	280
17HM8401	0.9	48	1.7	1.8	4.0	42	2.2	68	4	350
17HM8402	0.9	48	1.3	3.0	7.0	36	2.2	68	4	350
17HM8403	0.9	48	2.3	1.2	2.0	42	2.2	68	4	350
17HM8630	0.9	48	0.4	30	28	27	2.2	68	6	350

*以上仅为代表性产品, 派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外型图 (Mechanical Dimensions): unit=mm

机身说明 (Motor Length):

型号	机身長
17HM2xxx	28mm
17HM3xxx	34mm
17HM4xxx	40mm
17HM8xxx	48mm
17HM9xxx	58mm
17HM6xxx	63mm

2相23HY(1.8°)

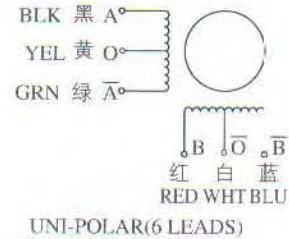
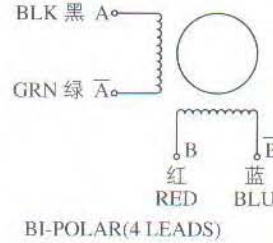


SERIES HYBRID STEPPING MOTOR (混合式步进电机)

23HY(57mm)Series, 1.8deg/step 2/4-Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



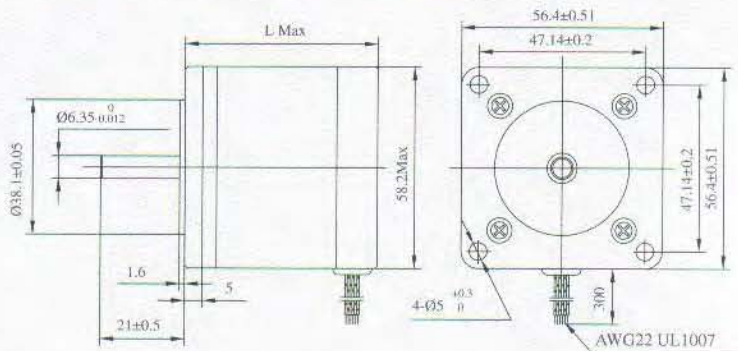
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身长 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重 量 Motor Weight (g)
23HY4607	1.8	41	0.38	32	30	30	3.5	60	6	450
23HY4455	1.8	41	1.55	1.8	3.5	22	3.5	60	4	450
23HY4456	1.8	41	2.1	0.8	1.4	32	3.5	60	4	450
23HY4656	1.8	41	1.5	1.5	1.4	24	3.5	60	6	450
23HY5607	1.8	51	0.38	32	28	38	5.5	118	6	600
23HY5666	1.8	51	0.85	7.1	8.5	45	5.5	118	6	600
23HY5627	1.8	51	1.4	2.5	3.2	45	5.5	118	6	600
23HY5481	1.8	51	1.4	2.5	6.2	62	5.5	118	4	600
23HY5460	1.8	51	2.0	1.3	3.2	62	5.5	118	4	600
23HY6684	1.8	56	0.6	20	20	60	6.5	145	6	650
23HY6669	1.8	56	1.2	5.0	6.8	60	6.5	145	6	650
23HY6659	1.8	56	1.6	2.5	3.2	60	6.5	145	6	650
23HY6609	1.8	56	2.4	1.0	1.2	60	6.5	145	6	650
23HY6496	1.8	56	2.5	1.2	3.0	80	6.5	145	4	650
23HY7406	1.8	76	4.2	0.6	1.4	110	6.5	145	4	800
23HY7407	1.8	76	2.1	2.2	6.2	110	9.5	230	4	800
23HY7408	1.8	76	3.6	0.8	2.2	110	9.5	230	4	800

*以上仅为代表性产品，派生产产品可根据客户要求制作

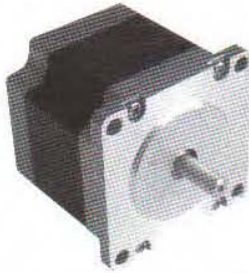
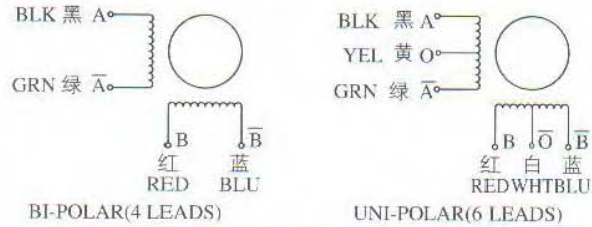
*Note: We can manufacture products according to customer's requirements.

外型图 (Mechanical Dimensions): unit=mm



机身说明 (Motor Length):

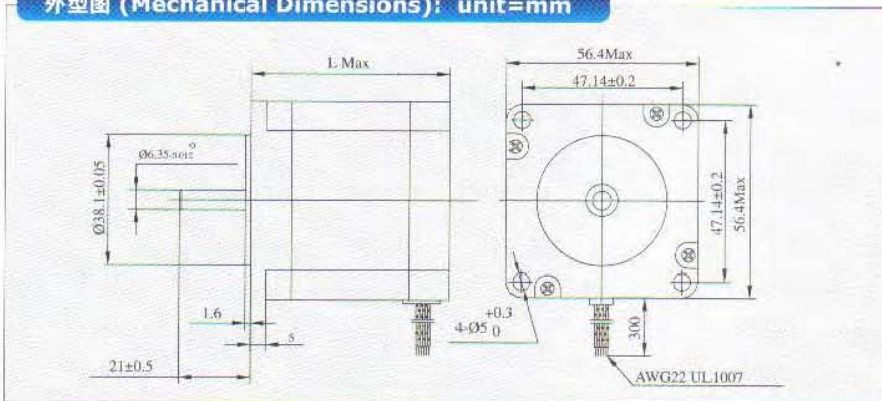
型号	机身长
23HY4xxx	41mm
23HY5xxx	51mm
23HY6xxx	56mm
23HY7xxx	76mm

23HS(57mm)Series, 1.8deg/step 2/4-Phase Hybrid Stepper Motors

接线图(Wiring Diagram):

技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身长 Motor Length (mm)	电流 Rated Current (A)	电阻 Phase Resistance (Ω)	电感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
23HS0601	1.8	41	1.0	5.2	5.5	40	2.5	150	6	470
23HS0405	1.8	41	0.62	12	24	55	2.5	150	4	470
23HS0408	1.8	41	2.0	1.2	2.5	55	2.5	150	4	470
23HS4412	1.8	45	0.62	12	26	80	2.8	190	4	520
23HS4425	1.8	45	2.5	1.0	2.2	80	2.8	190	4	520
23HS5406	1.8	51	0.62	13	28	110	2.8	190	4	520
23HS5425	1.8	51	2.5	1.2	3.2	110	2.8	190	4	520
23HS5602	1.8	51	0.8	6.8	9.2	62	3.0	230	6	590
23HS6602	1.8	56	1.5	3.2	5.5	90	3.5	280	6	590
23HS6403	1.8	56	2.5	1.3	4.2	110	3.5	280	4	680
23HS6430	1.8	56	3.0	0.8	2.4	110	3.5	280	4	680
23HS6404	1.8	56	4.2	0.4	1.2	110	3.5	280	4	680
23HS7401	1.8	64	1.0	7.5	20	150	5.0	380	4	850
23HS7425	1.8	64	2.5	1.5	4.5	150	5.0	380	4	850
23HS7430	1.8	64	3.0	0.8	2.3	150	5.0	380	4	850
23HS7404	1.8	64	4.2	0.55	1.2	150	5.0	380	4	850
23HS8603	1.8	76	1.5	4.5	7.8	140	6.0	440	6	1050
23HS8425	1.8	76	2.5	1.8	6.5	180	6.0	440	4	1050
23HS8430	1.8	76	3.0	1.0	3.5	180	6.0	440	4	1050
23HS8404	1.8	76	4.2	0.6	1.8	180	6.0	440	4	1050
23HS1430	1.8	100	3.0	1.4	5.5	250	10	680	4	1250
23HS1410	1.8	100	4.2	0.8	3.0	250	10	680	4	1250
23HS2430	1.8	112	3.0	1.6	6.8	280	12	800	4	1400
23HS2410	1.8	112	4.2	0.9	3.8	280	12	800	4	1400

*以上仅为代表性产品, 派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

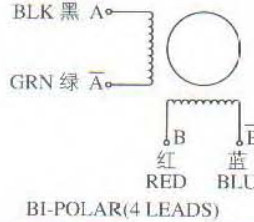
外型图 (Mechanical Dimensions): unit=mm

机身说明 (Motor Length):

型号	机身长
23HS0xxx	41mm
23HS4xxx	45mm
23HS5xxx	51mm
23HS6xxx	56mm
23HS7xxx	64mm
23HS8xxx	76mm
23HS1xxx	100mm
23HS2xxx	112mm

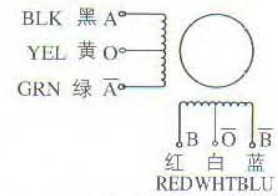
23HM(57mm) Series, 0.9deg/step 2/4-Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



BI-POLAR(4 LEADS)



UNI-POLAR(6 LEADS)

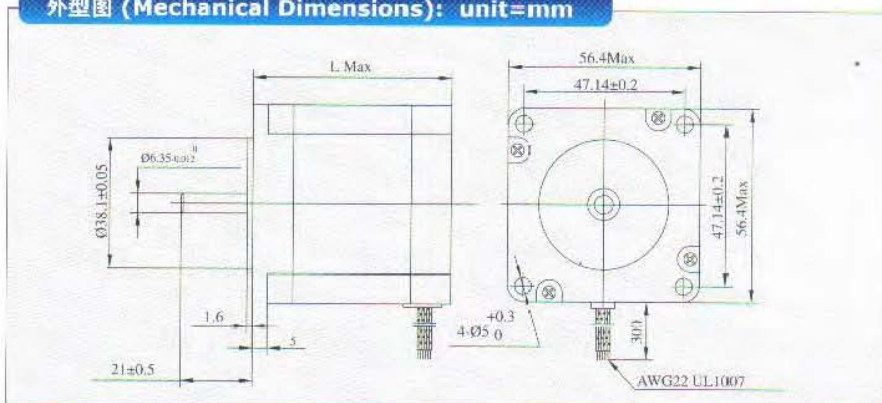
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
23HM0601	0.9	41	1.0	5.2	6.2	24	2.5	150	6	470
23HM0405	0.9	41	0.62	12	28	32	2.5	150	4	470
23HM0408	0.9	41	2.0	1.2	3.0	32	2.5	150	4	470
23HM4425	0.9	45	2.5	1.0	3.0	62	2.8	190	4	520
23HM5406	0.9	51	0.62	13	34	70	3.0	230	4	590
23HM5425	0.9	51	2.5	1.2	3.8	70	3.0	230	4	590
23HM6602	0.9	56	1.5	3.2	6.5	82	3.5	280	6	680
23HM6403	0.9	56	2.5	1.3	5.2	100	3.5	280	4	680
23HM6430	0.9	56	3.0	0.8	2.8	100	3.5	280	4	680
23HM6404	0.9	56	4.2	0.4	1.5	100	3.5	280	4	680
23HM7401	0.9	64	1.0	7.5	28	110	5.0	380	4	850
23HM7425	0.9	64	2.5	1.5	5.8	110	5.0	380	4	850
23HM7430	0.9	64	3.0	0.8	3.0	110	5.0	380	4	850
23HM7404	0.9	64	4.2	0.55	1.5	110	5.0	380	4	850
23HM8603	0.9	76	1.5	4.5	10	125	6.0	440	6	1050
23HM8425	0.9	76	2.5	1.8	8.2	150	6.0	440	4	1050
23HM8430	0.9	76	3.0	1.0	4.3	150	6.0	440	4	1050
23HM8404	0.9	76	4.2	0.65	2.2	150	6.0	440	4	1050

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

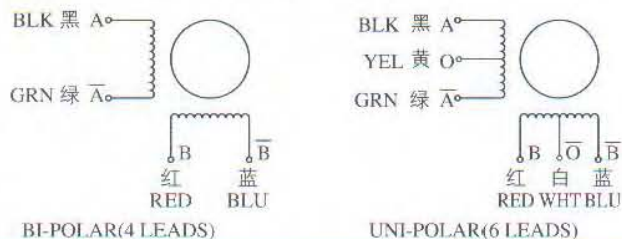
外型图 (Mechanical Dimensions): unit=mm



机身说明 (Motor Length):

型号	机身長
23HM0xxx	41mm
23HM4xxx	45mm
23HM5xxx	51mm
23HM6xxx	56mm
23HM7xxx	64 mm
23HM8xxx	76 mm

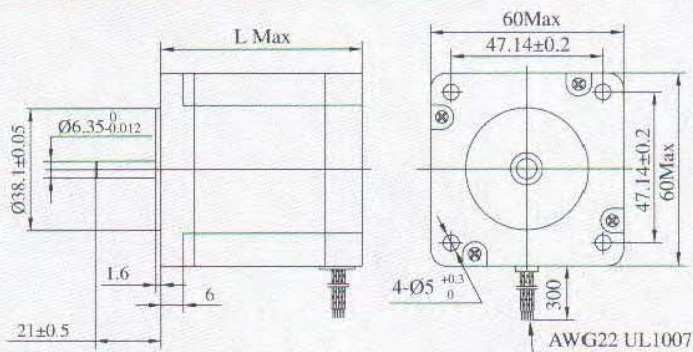
24HS(60mm) Series, 0.9deg/step 2/4-Phase Hybrid Stepper Motors

接线图(Wiring Diagram):

技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电流 Rated Current (A)	电阻 Phase Resistance (Ω)	电感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
24HS0408	1.8	41	2.0	1.2	2.5	75	3.0	180	4	500
24HS4425	1.8	45	2.5	1.0	2.2	85	3.5	200	4	550
24HS5425	1.8	51	2.5	1.2	3.2	140	4.0	250	4	580
24HS6425	1.8	56	2.5	1.3	4.2	160	4.0	350	4	580
24HS6430	1.8	56	3.0	0.8	2.4	160	4.0	350	4	580
24HS6404	1.8	56	4.2	0.4	1.2	160	4.0	350	4	580
24HS7425	1.8	64	2.5	1.5	4.5	180	5.0	450	4	850
24HS7430	1.8	64	3.0	0.8	2.3	180	5.0	450	4	850
24HS7404	1.8	64	4.2	0.55	1.2	180	5.0	450	4	850
24HS8425	1.8	76	2.5	1.8	6.5	220	7.0	550	4	1150
24HS8430	1.8	76	3.0	1.0	3.5	220	7.0	550	4	1150
24HS8404	1.8	76	4.2	0.6	1.8	220	7.2	550	4	1150
24HS1430	1.8	90	3.0	1.4	5.5	260	12	780	4	1400
24HS1404	1.8	90	4.2	0.8	3.0	260	12	780	4	1400

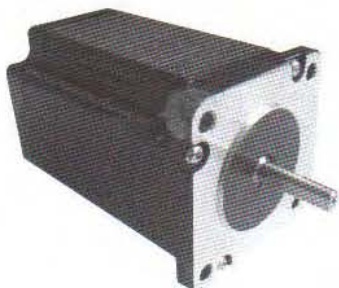
*以上仅为代表性产品, 派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

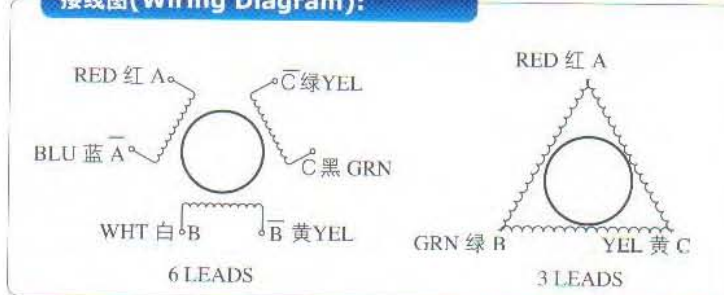
外型图 (Mechanical Dimensions): unit=mm

机身说明 (Motor Length):

型号	机身長
24HS0xxx	41mm
24HS4xxx	45mm
24HS5xxx	51mm
24HS6xxx	56mm
24HS7xxx	64 mm
24HS8xxx	76 mm
24HS1xxx	90mm

24HT(60mm)Series, 1.2deg/step 3Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



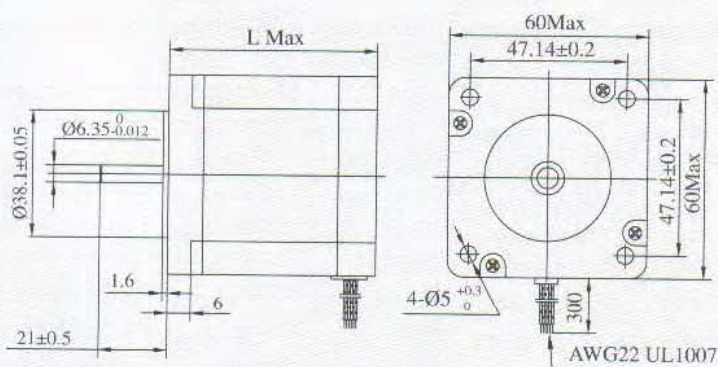
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
24HT6335	1.2	54	3.5	0.8	1.8	80	3.5	280	3	580
24HT6346	1.2	54	4.6	0.5	0.8	80	3.5	280	3	580
24HT7335	1.2	64	3.5	1.0	2.5	110	5.0	380	3	850
24HT7346	1.2	64	4.6	0.7	1.2	110	5.0	380	3	850
24HT8335	1.2	76	3.5	1.2	3.2	130	6.5	440	3	1150
24HT8346	1.2	76	4.6	0.8	1.5	130	6.5	440	3	1150
24HT1335	1.2	90	3.5	1.5	4.5	160	8	580	3	1400
24HT1346	1.2	90	4.6	1.0	2.5	160	8	580	3	1400

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

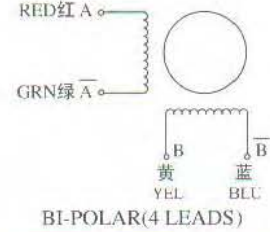
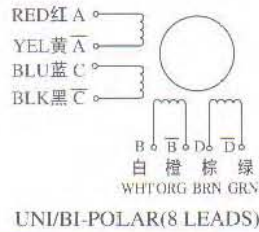
外型图 (Mechanical Dimensions): unit=mm



机身说明 (Motor Length):

型号	机身長
24HT6xxx	54mm
24HT7xxx	64mm
24HT8xxx	76mm
24HT1xxx	90mm

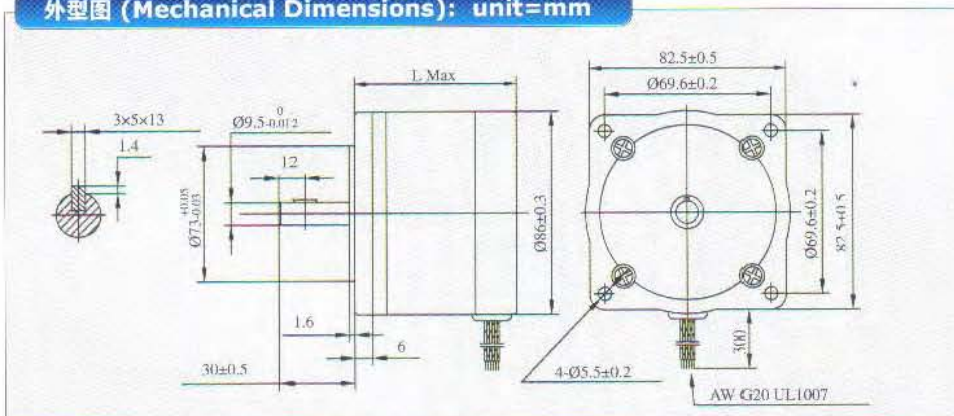
34HY(86mm) Series, 1.8deg/step 2/4-Phase Hybrid Stepper

接线图(Wiring Diagram):

技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电流 Rated Current (A)	电阻 Phase Resistance (Ω)	电感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
34HY6801	1.8	63	4.0	0.68	2.0	180	4.5	0.64	8	1.6
34HY6802	1.8	63	5.0	0.45	1.5	180	4.5	0.64	8	1.6
34HY6803	1.8	63	2.7	1.2	4.5	180	4.5	0.64	8	1.6
34HY6804	1.8	63	2.1	1.9	7.2	180	4.5	0.64	8	1.6
34HY9801	1.8	92	4.0	0.89	3.8	320	6.5	1.3	8	2.6
34HY9802	1.8	92	5.0	0.58	2.8	320	6.5	1.3	8	2.6
34HY9803	1.8	92	2.7	1.7	9.0	320	6.5	1.3	8	2.6
34HY9804	1.8	92	2.1	2.7	15	320	6.5	1.3	8	2.6
34HY1801	1.8	122	4.0	1.1	5.6	450	10.5	1.9	8	3.8
34HY1802	1.8	122	5.0	0.82	3.6	450	10.5	1.9	8	3.8
34HY1803	1.8	122	2.7	2.5	12.5	450	10.5	1.9	8	3.8

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外型图 (Mechanical Dimensions): unit=mm

机身说明 (Motor Length):

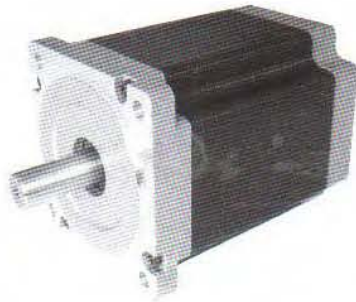
型号	机身長
34HY6xxx	63mm
34HY9xxx	92mm
34HY1xxx	122mm

2相34HS(1.8°)

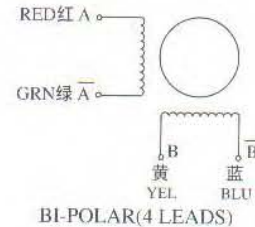
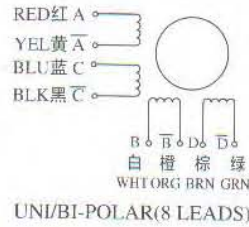


SERIES HYBRID STEPPING MOTOR (混合式步进电机)

34HS(86mm) Series, 1.8deg/step 2/4-Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



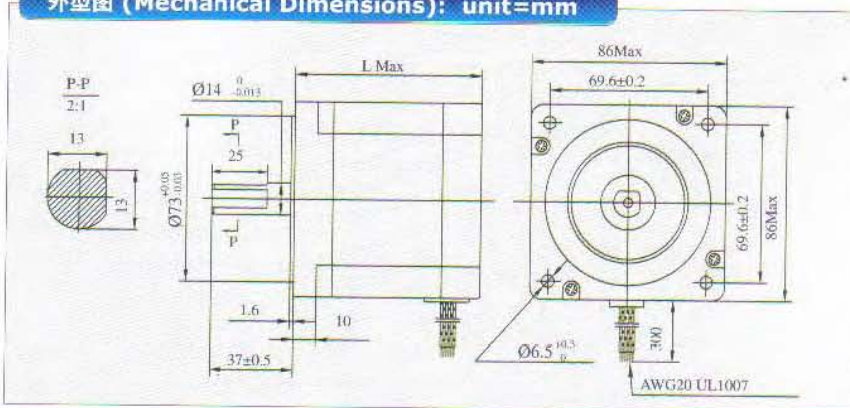
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身长 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (g)
34HS6801	1.8	66	4.0	0.6	1.6	220	5.5	0.85	8	2.0
34HS6802	1.8	66	5.0	0.4	1.0	220	5.5	0.85	8	2.0
34HS6803	1.8	66	2.7	1.2	3.5	220	5.5	0.85	8	2.0
34HS8801	1.8	78	4.0	0.7	3.0	300	6.5	1.05	8	2.5
34HS8802	1.8	78	5.0	0.5	1.8	300	6.5	1.05	8	2.5
34HS8803	1.8	78	2.7	1.6	5.6	300	6.5	1.05	8	2.5
34HS9801	1.8	98	4.0	0.98	4.1	490	9.5	1.55	8	3.0
34HS9802	1.8	98	5.0	0.65	2.4	490	9.5	1.55	8	3.0
34HS9803	1.8	98	2.7	1.9	8.6	490	9.5	1.55	8	3.0
34HS4801	1.8	114	4.0	1.1	5.5	580	12.5	1.8	8	3.5
34HS4802	1.8	114	5.0	0.75	3.2	580	12.5	1.8	8	3.5
34HS4803	1.8	114	2.7	2.0	11.5	580	12.5	1.8	8	3.5
34HS2801	1.8	126	4.0	1.3	5.8	640	18.5	2.2	8	1.8
34HS2802	1.8	126	5.0	0.85	3.4	640	18.5	2.2	8	1.8
34HS2803	1.8	126	2.7	2.5	12.5	640	18.5	2.2	8	1.8
34HS5801	1.8	150	4.0	1.4	9.2	850	24.5	2.5	8	4.2
34HS5802	1.8	150	5.0	0.9	5.2	850	24.5	2.5	8	4.2
34HS5803	1.8	150	2.7	2.9	17.5	850	24.5	2.5	8	4.2

*以上仅为代表性产品，派生产产品可根据客户要求制作

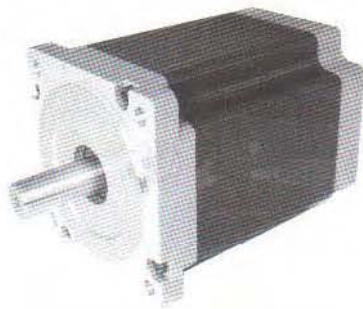
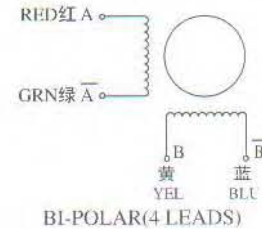
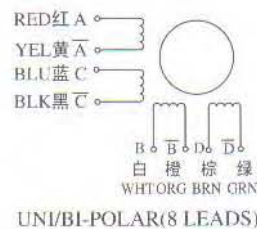
*Note: We can manufacture products according to customer's requirements.

外型图 (Mechanical Dimensions): unit=mm



机身说明 (Motor Length):

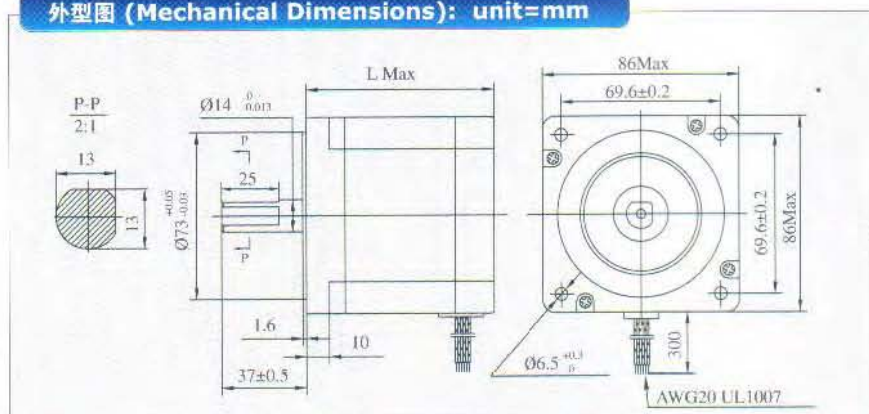
型号	机身长
34HS6xxx	66mm
34HS8xxx	78mm
34HS9xxx	98mm
34HS4xxx	114mm
34HS2xxx	126mm
34HS5xxx	150mm

34HM(86mm)Series, 0.9deg/step
2/4-Phase Hybrid Stepper Motors

接线图(Wiring Diagram):

技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重 量 Motor Weight (g)
34HM6801	0.9	66	4.0	0.6	1.6	200	5.0	0.85	8	2.0
34HM6802	0.9	66	5.0	0.4	1.0	200	5.0	0.85	8	2.0
34HM6803	0.9	66	2.7	1.2	3.5	200	5.0	0.85	8	2.0
34HM8801	0.9	78	4.0	0.7	3.0	270	5.8	1.05	8	2.5
34HM8802	0.9	78	5.0	0.5	1.8	270	5.8	1.05	8	2.5
34HM8803	0.9	78	2.7	1.6	5.6	270	5.8	1.05	8	2.5
34HM9801	0.9	98	4.0	0.98	4.1	450	8.5	1.55	8	3.0
34HM9802	0.9	98	5.0	0.65	2.4	450	8.5	1.55	8	3.0
34HM9803	0.9	98	2.7	1.9	8.6	450	8.5	1.55	8	3.0
34HS4801	0.9	114	4.0	1.1	5.5	520	11.0	1.8	8	3.5
34HM4802	0.9	114	5.0	0.75	3.2	520	11.0	1.8	8	3.5
34HM4803	0.9	114	2.7	2.0	11.5	520	11.0	1.8	8	3.5
34HM2801	0.9	126	4.0	1.3	5.8	580	16.5	2.2	8	1.8
34HM2802	0.9	126	5.0	0.85	3.4	580	16.5	2.2	8	1.8
34HM2803	0.9	126	2.7	2.5	12.5	580	116.5	2.2	8	1.8
34HM5801	0.9	150	4.0	1.4	9.2	780	20.5	2.5	8	4.2
34HM5802	0.9	150	5.0	0.9	5.2	780	20.5	2.5	8	4.2
34HM5803	0.9	150	2.7	2.9	17.5	780	20.5	2.5	8	4.2

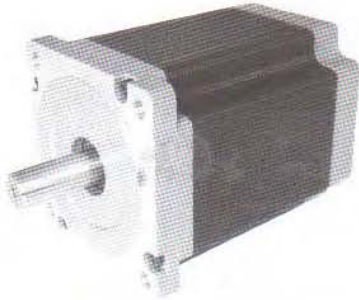
*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

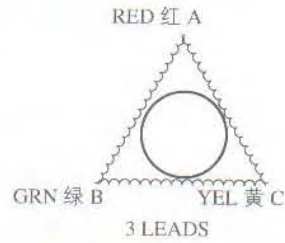
外型图 (Mechanical Dimensions): unit=mm

机身说明 (Motor Length):

型号	机身長
34HM6xxx	66mm
34HM8xxx	78mm
34HMxxx	98mm
34HMxxx	114mm
34HMxxx	126mm
34HMxxx	150mm

34HT(86mm) Series, 1.2deg/step 3Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



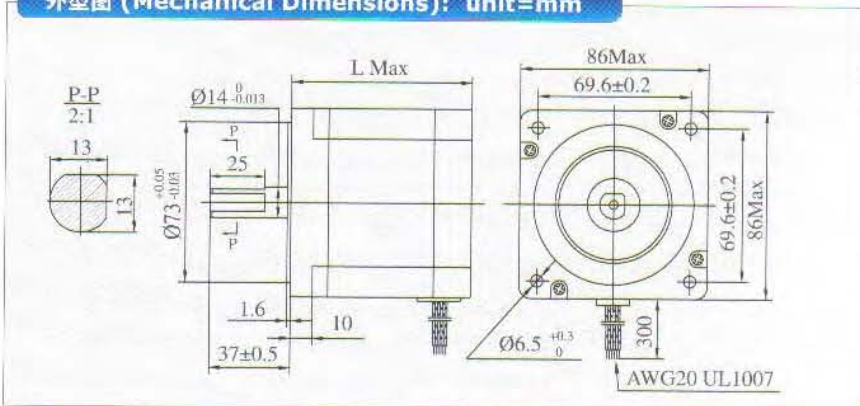
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重 量 Motor Weight (g)
34HT6335	1.2	66	3.5	1.2	2.5	210	3.5	0.85	3	2.0
34HT6345	1.2	66	4.5	0.7	1.5	210	3.5	0.85	3	2.0
34HT6368	1.2	66	6.8	0.3	0.65	210	3.5	0.85	3	2.0
34HT8335	1.2	78	3.5	1.6	5.0	270	5.8	1.05	8	2.5
34HT8345	1.2	78	4.5	1.0	3.0	270	5.8	1.05	8	2.5
34HT8368	1.2	78	6.8	0.42	1.3	270	5.8	1.05	8	2.5
34HT9335	1.2	98	3.5	2.5	6.5	450	8.5	1.55	8	3.0
34HT9345	1.2	98	4.5	1.4	3.9	450	8.5	1.55	8	3.0
34HT9368	1.2	98	6.8	0.6	1.7	450	8.5	1.55	8	3.0
34HT4335	1.2	114	3.5	3.1	8.2	520	11.0	1.8	8	3.5
34HT4345	1.2	114	4.5	1.8	4.8	520	11.0	1.8	8	3.5
34HT4368	1.2	114	6.8	0.75	2.1	520	11.0	1.8	8	3.5
34HT2335	1.2	126	3.5	3.5	9.8	580	16.5	2.2	8	1.8
34HT2345	1.2	126	4.5	2.1	6.2	580	16.5	2.2	8	1.8
34HT2368	1.2	126	6.8	0.9	2.6	580	116.5	2.2	8	1.8
34HT5335	1.2	150	3.5	4.5	13.2	780	20.5	2.5	8	4.2
34HT5345	1.2	150	4.5	2.6	8.2	780	20.5	2.5	8	4.2
34HT5368	1.2	150	6.8	1.1	3.5	780	20.5	2.5	8	4.2

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

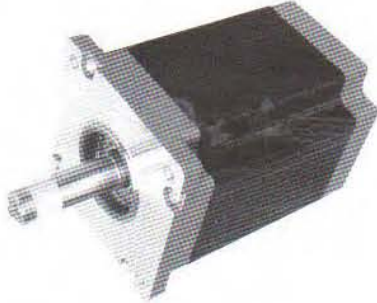
外型图 (Mechanical Dimensions): unit=mm



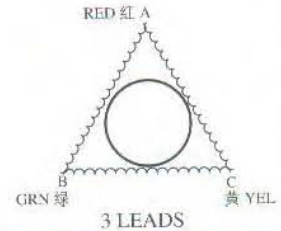
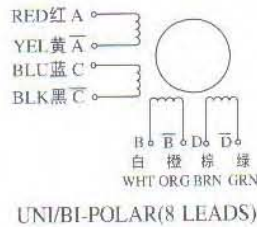
机身说明 (Motor Lengh):

型号	机身長
34HT6xxx	66mm
34HT8xxx	78mm
34HTxxx	98mm
34HTxxx	114mm
34HTxxx	126mm
34HTxxx	150mm

43HS/HT(110mm) Series, 1.8deg/step 2/4/3 Phase Hybrid Stepper Motors



接线图(Wiring Diagram):



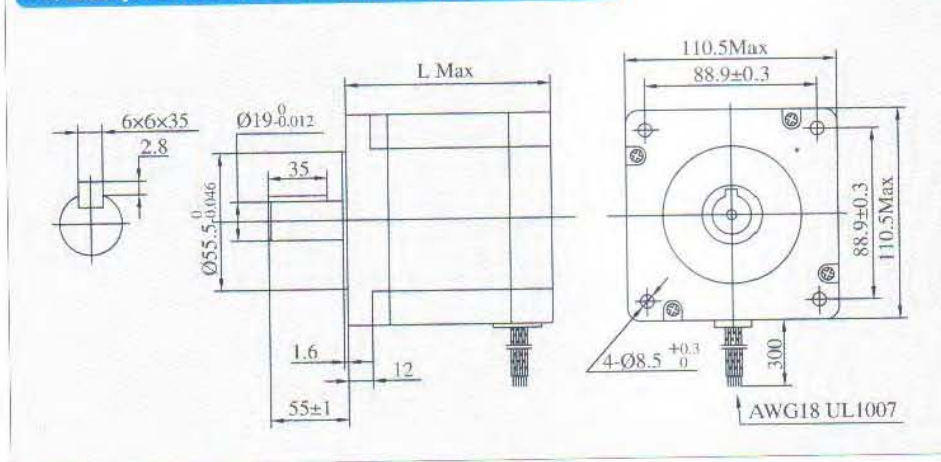
技术数据 (Electrical Specifications):

型号 Series Model	步距角 Step Angle (°)	机身長 Motor Length (mm)	电 流 Rated Current (A)	电 阻 Phase Resistance (Ω)	电 感 Phase Inductance (mH)	静力矩 Holding Torque (N.cm Min)	定位力矩 Detent Torque (N.cm Max)	转动惯量 Rotor Inertia (g.cm ²)	引线数 Lead Wire (No.)	重量 Motor Weight (Kg)
43HS1842	1.8	115	4.2	0.94	7.0	8.5	24.5	6	8	5.8
43HS5842	1.8	150	4.2	2.3	18.5	14.2	35.5	11	8	8.4
43HS6850	1.8	165	5.0	1.3	14.0	17.8	45.5	13	8	9.5
43HT1340	1.2	120	4.0	2.4	19.2	8.0	20.5	8.5	3	6.2
43HT4340	1.2	140	4.0	2.1	22.0	12.0	30.5	10.5	3	8.0
43HT7350	1.2	170	5.0	1.3	20.0	16.0	40.5	12.7	3	10

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外型图 (Mechanical Dimensions): unit=mm



机身说明 (Motor Length):

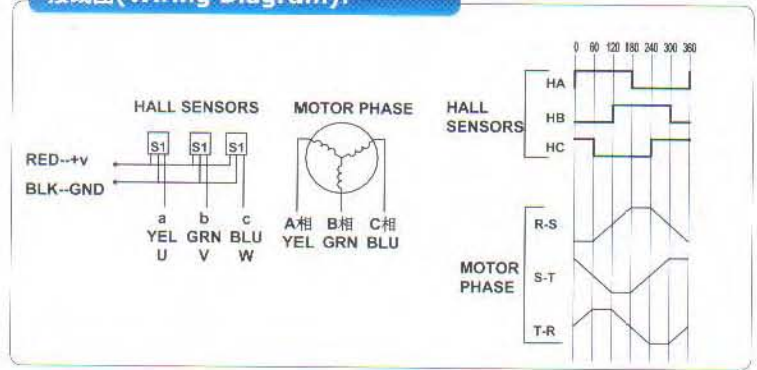
型号	机身長
43HS1xxx	115mm
43HS5xxx	150mm
43HS6xxx	165mm

型号	机身長
43HT1xxx	120mm
43HT4xxx	140mm
43HT7xxx	170mm

3 Phase Hi-Torque DC Brushless Motor



接线图(Wiring Diagram):



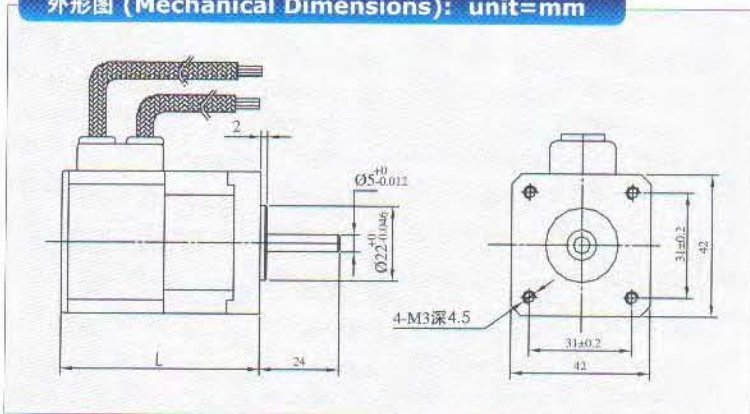
技术数据 (Electrical Specifications):

型号 Series Model	功率 Rated power (W)	电压 Rated voltage (VDC)	电流 Rated Current (N.m/A)	极数 Number of poles	转速 Rated speed (rpm)	额定转矩 Torque @ rated speed (N.m)	最大转矩 Peak torque (N.cm Max)	空载电流 Moment constant (N.m/A)	身长 Length (mm)	重量 Motor Weight (Kg)
42BLDC65A-240	28	24	1.56	8	3000	0.1	0.3	0.06	65	0.45
42BLDC85A-240	63	24	3.44	8	3000	0.2	0.6	0.06	85	0.55

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外形图 (Mechanical Dimensions): unit=mm



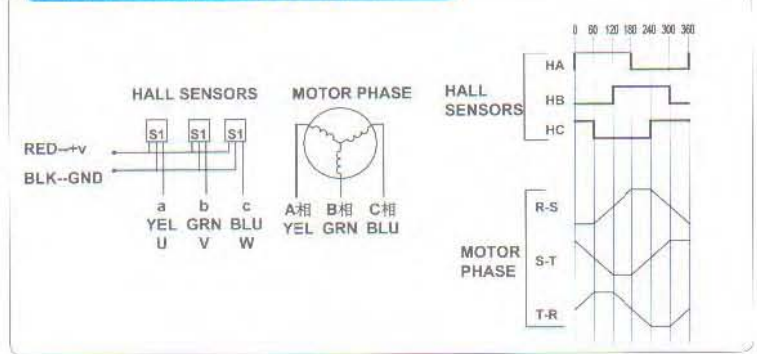
Model	Shaft Diameter D	Shaft Shape
42BLDC60A-240	Ø5	Slick
42BLDC80A-240	Ø5	Slick

3 Phase Hi-Torque DC Brushless Motor

60 series, 61x61mm Frame Size



接线图(Wiring Diagram):



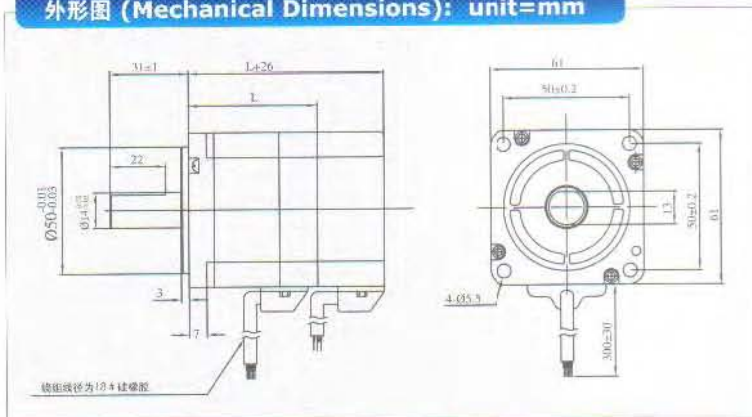
技术数据 (Electrical Specifications):

型号 Series Model	功率 Rated power (W)	电压 Rated voltage (VDC)	电流 Rated Current (N.m/A)	极数 Number of poles	转速 Rated speed (rpm)	额定转矩 Torque @ rated speed (N.m)	最大转矩 Peak torque (N.cm Max)	空载电流 Moment constant (N.m/A)	身长 Length (mm)	重量 Motor Weight (Kg)
60BLDC50A-340	78	36	2.89	8	3000	0.25	0.75	0.09	52	0.9
60BLDC70A-440	156	48	4.33	8	3000	0.5	1.5	0.12	73	1.25
60BLDC90A-640	235	310	1.16	8	3000	0.75	2.25	0.64	94	1.6

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外形图 (Mechanical Dimensions): unit=mm

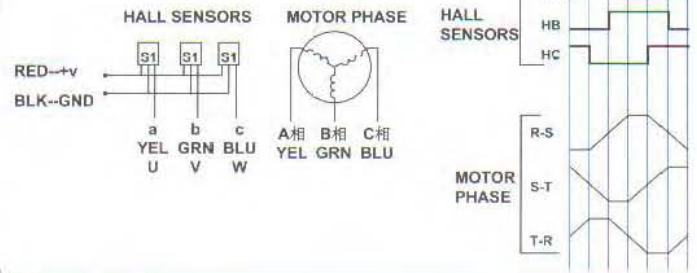


Model	Shaft Diameter D	Shaft Shape
60BLDC50A-350	∅ 14	Flat 1x25
60BLDC70A-450	∅ 14	Flat 1x25
60BLDC90A-650	∅ 14	Flat 1x25

3 Phase Hi-Torque DC Brushless Motor 70 series, 70x70mm Frame Size



接线图 (Wiring Diagram):



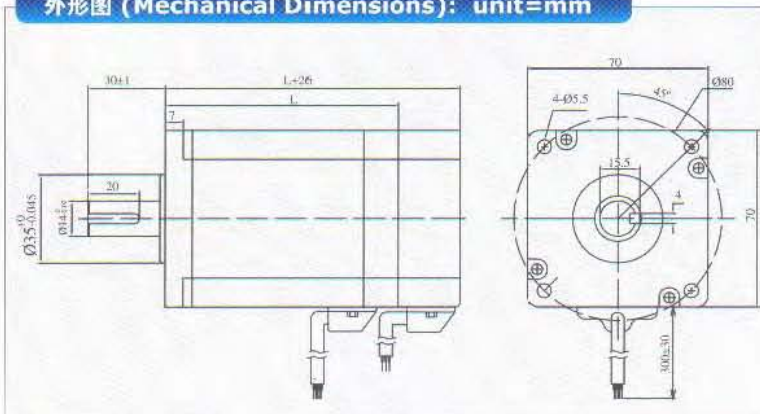
技术数据 (Electrical Specifications):

型号 Series Model	功率 Rated power (W)	电压 Rated voltage (VDC)	电流 Rated Current (N.m/A)	极数 Number of poles	转速 Rated speed (rpm)	额定转矩 Torque @ rated speed (N.m)	最大转矩 Peak torque (N.cm Max)	空载电流 Moment constant (N.m/A)	身长 Length (mm)	重量 Motor Weight (Kg)
70BLDC60A-340	156	36	5.78	8	3000	0.5	1.5	0.09	60	1.3
70BLDC90A-640	313	310	1.44	8	3000	1.0	3.0	0.69	90	2.08

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外形图 (Mechanical Dimensions): unit=mm



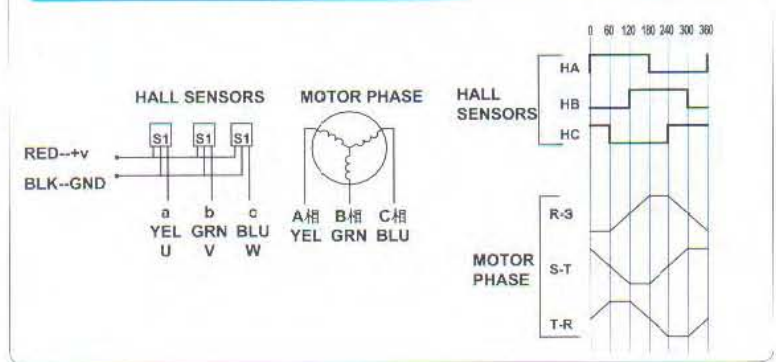
Model	Shaft Diameter D	Shaft Shape
70BLDC60A-340	Ø 12	Flat 1x25
70BLDC90A-640	Ø 14	Key 4x20

3 Phase Hi-Torque DC Brushless Motor

80 series, 88x88mm Frame Size



接线图(Wiring Diagram):



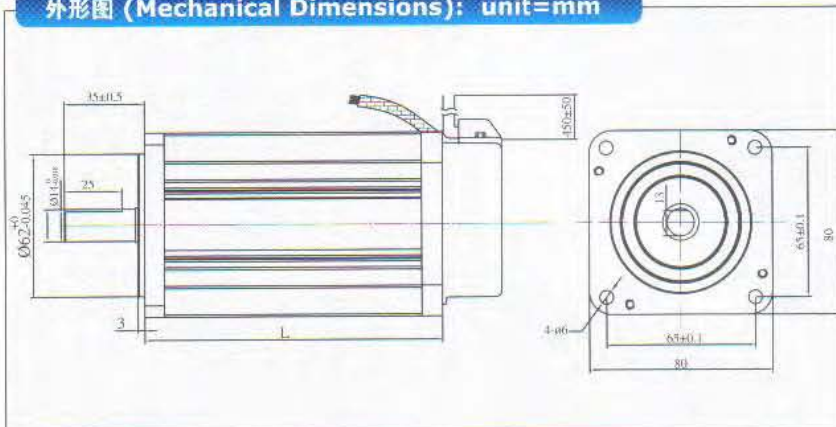
技术数据 (Electrical Specifications):

型号 Series Model	动力 Rated power (W)	电压 Rated voltage (VDC)	电 流 Rated Current (N.m/A)	电极数 Number of poles	速度 Rated speed (rpm)	扭矩 Torque @ rated speed (N.m)	最大力矩 Peak torque (N.cm Max)	电流 Moment constant (N.m/A)	身长 Length (mm)	重量 Motor Weight (Kg)
80BLDC85A-690	500	310	2.1	4	6000	0.8	3.0	0.38	85	2.1
80BLDC115A-440	370	48	10.5	4	3000	1.2	3.6	0.11	115	2.5
80BLDC120A-690	750	310	3.3	4	6000	1.2	4.5	0.36	120	3.0
80BLDC130A-660	700	310	3.5	4	5000	1.6	5.5	0.46	130	4.0
80BLDC130A-690	500	90	7.4	4	3000	1.6	5.5	0.22	130	4.0

*以上仅为代表性产品，派生产产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

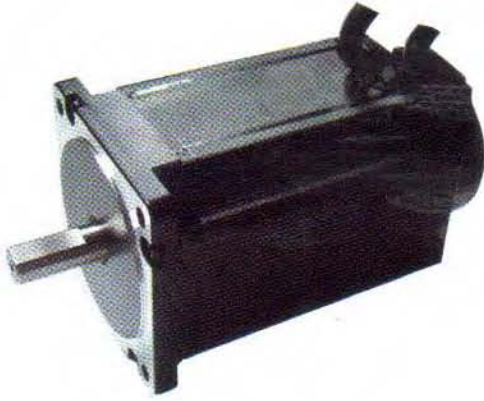
外形图 (Mechanical Dimensions): unit=mm



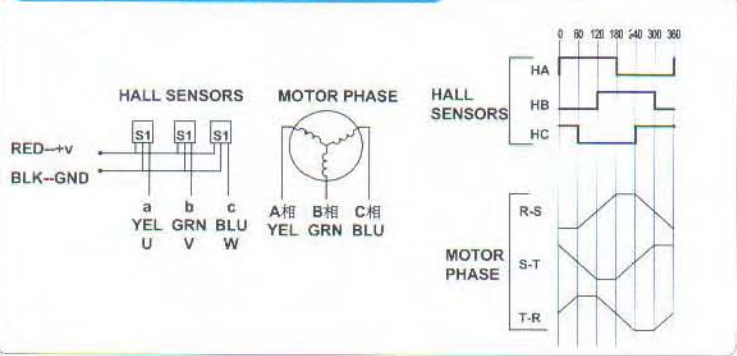
Model	Shaft Diameter D	Shaft Shape
80BLDC85A	Ø14	Flat 1x25
80BLDC115A	Ø14	Flat 1x25
80BLDC120A	Ø14	Flat 1x25
80BLDC130A	Ø14	Flat 1x25

3 Phase Hi-Torque DC Brushless Motor

90 series, 86x86mm Frame Size



接线图(Wiring Diagram):



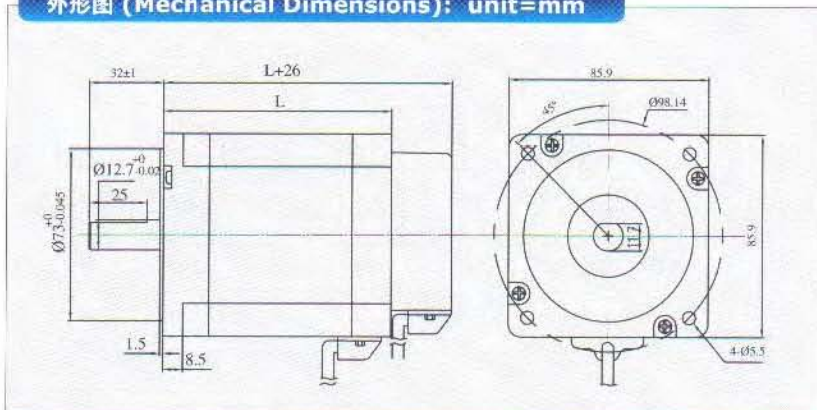
技术数据 (Electrical Specifications):

型号 Series Model	功率 Rated power (W)	电压 Rated voltage (VDC)	电流 Rated Current (N.m/A)	极数 Number of poles	转速 Rated speed (rpm)	额定转矩 Torque @ rated speed (N.m)	最大转矩 Peak torque (N.cm Max)	空载电流 Moment constant (N.m/A)	身长 Length (mm)	重量 Motor Weight (Kg)
90BLDC70A-640x	220	310	0.94	8	3000	0.7	2.1	0.74	71	1.85
90BLDC100A-640x	440	310	1.89	8	3000	1.4	4.2	0.74	100	2.6
90BLDC125A-640x	660	310	2.83	8	3000	2.1	6.3	0.74	125	4

*以上仅为代表性产品，派生产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

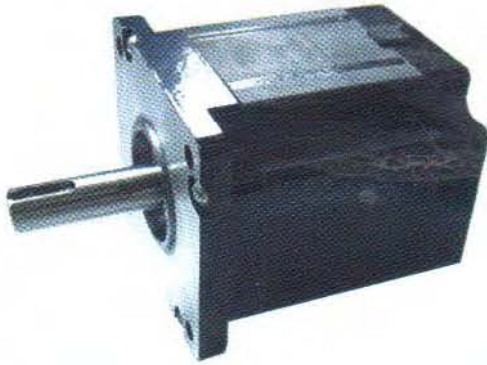
外形图 (Mechanical Dimensions): unit=mm



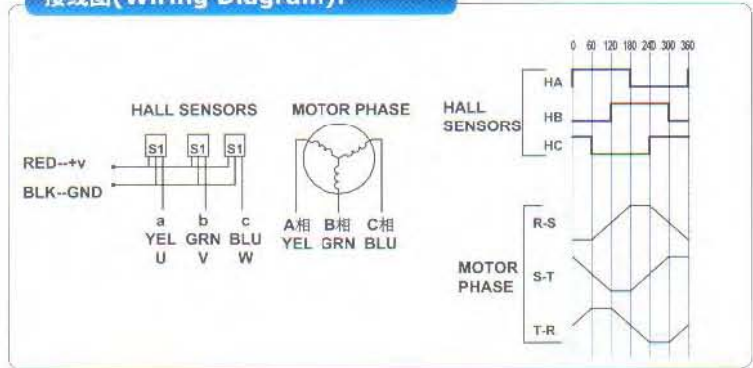
Model	Shaft Diameter D	Shaft Shape
90BLDC70A-640	Ø12.7	Flat 1x25
90BLDC100A-640	Ø12.7	Flat 1x25
90BLDC125A-640	Ø14	Flat 1x25

3 Phase Hi-Torque DC Brushless Motor

110 series, 110x110mm Frame Size



接线图(Wiring Diagram):



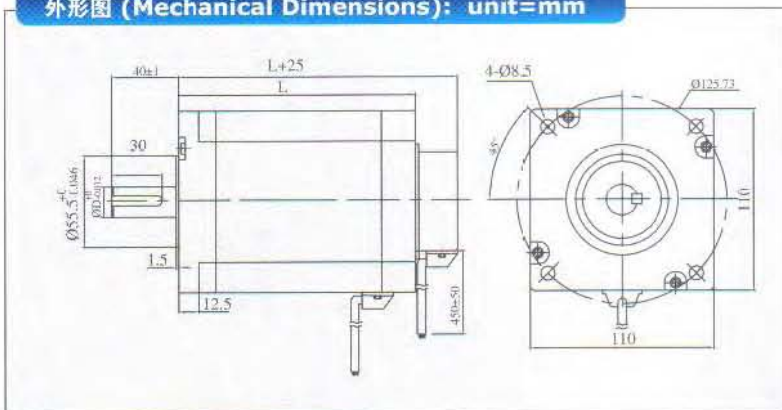
技术数据 (Electrical Specifications):

型号 Series Model	功率 Rated power (W)	电压 Rated voltage (VDC)	电流 Rated Current (N.m/A)	极数 Number of poles	转速 Rated speed (rpm)	额定转矩 Torque @ rated speed (N.m)	最大转矩 Peak torque (N.cm Max)	空载电流 Moment constant (N.m/A)	身长 Length (mm)	重量 Motor Weight (Kg)
110BLDC110A-640x	940	310	4.33	8	3000	3	9	0.69	113	4.5
110BLDC170A-630x	1250	310	5.76	8	2000	6	18	1.04	173	7

*以上仅为代表性产品，派生产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

外形图 (Mechanical Dimensions): unit=mm



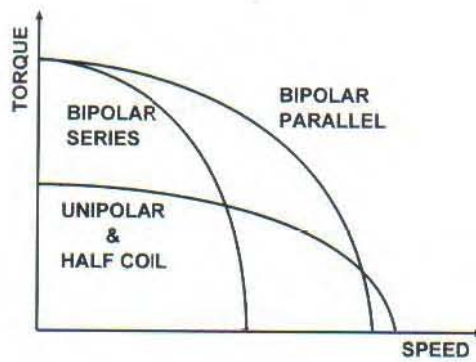
Model	Shaft Diameter D	Shaft Shape
110BLDC110A-640x	Ø 19	Key 6X30
110BLDC170A-630x	Ø 19	Key 6X30

Select Unipolar and Bipolar

Unipolar and Bipolar Half Coil, because we're using less turns, doesn't give us great low speed torque, but because of the low inductance, holds the torque out to high speeds.

Bipolar Series uses the full coil so it gives very good low speed torque. But because of the high inductance, the torque drops off rapidly.

Bipolar Parallel also uses the full coil so it gives good low speed performance. And its low inductance allows the torque to be held out to high speeds. But remember, we must increase current by 40% to get those advantages.



Wire Connection Diagrams

4 Leads Bipolar Connection	6 Leads Unipolar Connection	3 Leads 3-Phase
8 Leads Unipolar Connection	8 Leads Bipolar(Series) Connection	8 Leads Bipolar(Parallel) Connection

Matched Drivers & Accessories

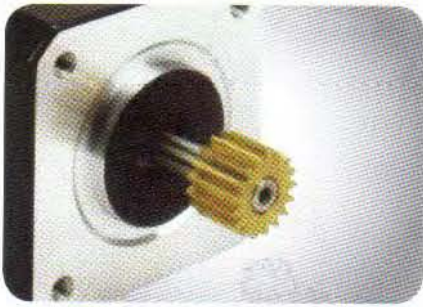


We can provide matched accessories if customers needed, such as Drivers, Encoders, Power Supply ect.

Matched Drivers & Accessories



We can provide matched accessories if customers needed, such as Drivers, Encoders, Power Supply ect.



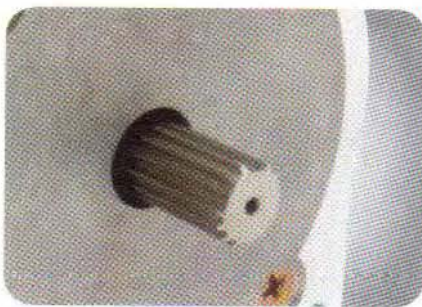
齿轮
Gear



带轮
Strap wheel



塑料带轮
Plastic Strap wheel



滚齿
Gear Shaft



滚花
Flaver Pattern shaft



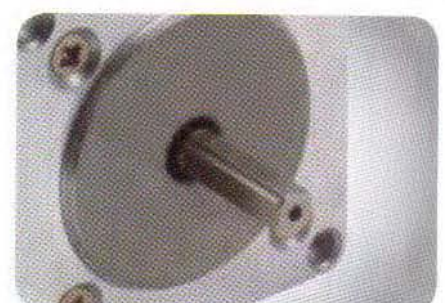
空心轴
Through Hole Shaft



键槽
Key Way Shaft



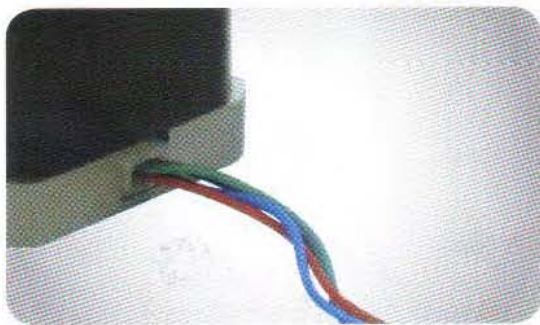
单扁
Single Plane Shaft



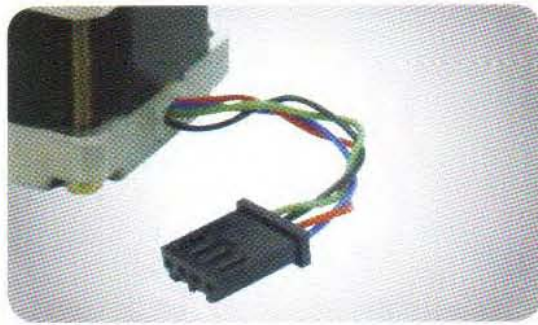
垂直扁
Plumb Plane Shaft



螺杆
Screw Thread Shaft



引线



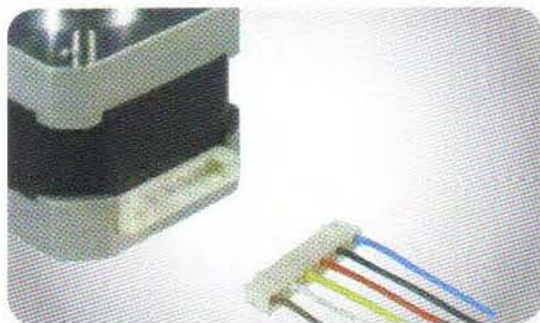
引线带接插件



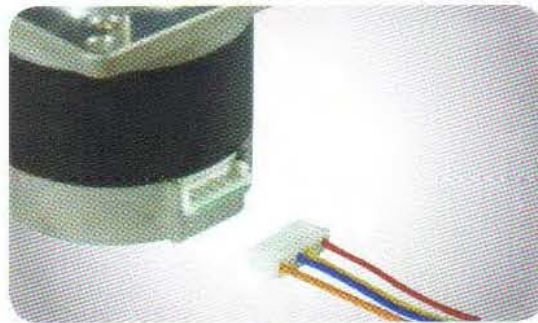
17HS 公端: JST S6B-PH-K
母端: JST PHR-6



14HY/16HY 公端: JST S11B-ER
母端: JST ZHR-11



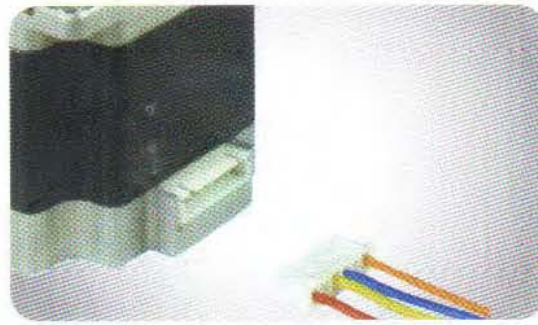
17HS 公端: Molex 89401 - 1160
母端: Molex 87369 - 1100



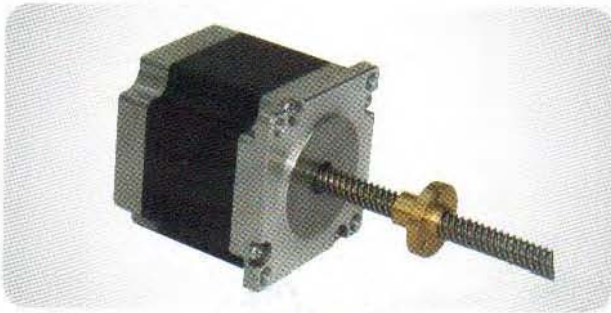
23HY 公端: JST S6B-FH
母端: JST PHR-6



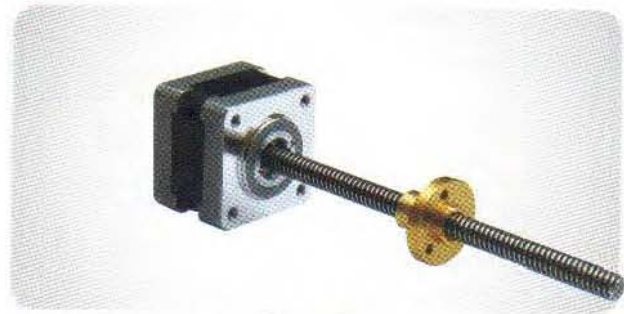
23HS 公端: JST S11B-XH-A-1
母端: JST - XHP - 11



23HS 公端: JST S6B - XH - A-1
母端: JST - XHP - 6



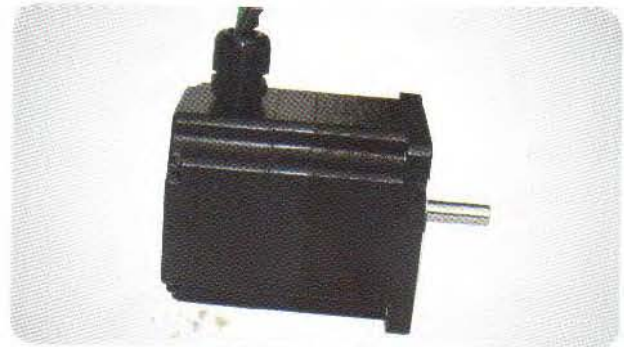
23HS 直线电机
Beeline motor



14HY 直线电机
Beeline motor



17HS 编码器电机
Encoder motor



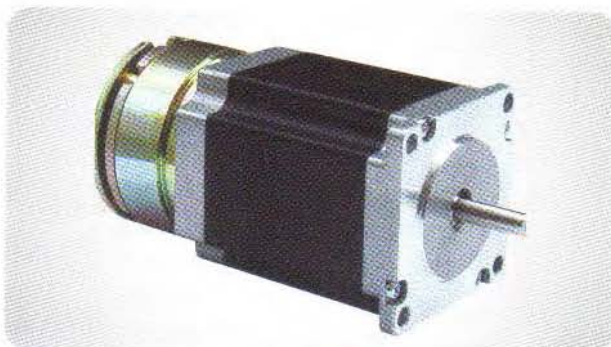
34HS 防水电机
Water proof motor



23HS 齿轮减速组合电机
Gear motor



34HS 齿轮箱组合电机
Gear motor



23HS 刹车电机
Brake motor



17HS 齿轮箱组合电机
Gear motor