

Stepper motor 42HS series: 1.8. -NEMA 17

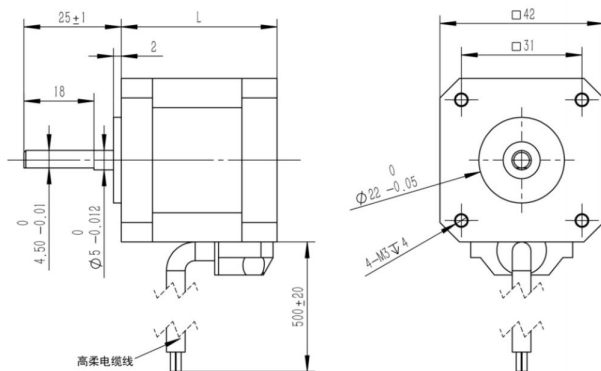


Phase	2
Steps/lap	200
Step angle accuracy	±5%
Shaft load	(20,000 hours at 1000 RPM)
Axial load	25N (5.6 Lbs.)Push, 65N (15Lbs.)Pull
Radial load	30N (6.5 Lbs.)action point at the top of the output shaft
IP rating	40
Certification	RoHS
Operating ambient temperature	-20°C to +50°C
Insulation class	B, 130°C
Insulation resistance	100 MegOhms

42HS stepper motor four lines

型号 Model	步角距 Step Angle (deg)	电机长度 Motor Length (mm)	相电流 Rated Current (A)	相电阻 Phase Resistance (Ohm)	相电感 Phase Inductance (mH)	保持转矩 Holding Torque (N.cm)	制动力矩 Detent Torque (N.cm)	转子惯量 Rotor Inertia (g.cm2)	引线数 Lead wire (No)	重量 Motor Weight (g)
42HS28	1.8	28	0.6	2.6	10	12	1.6	34	4	150
42HS34	1.8	34	1.3	2.4	2.8	28	1.6	34	4	220
42HS40	1.8	40	1.5	1.5	2.8	40	2.2	54	4	280
42HS48	1.8	48	1.8	1.8	3.2	52	2.6	68	4	400
42HS60	1.8	60	1.7	1.5	2.8	70	3.2	72	4	450
42HS80	1.8	80	2.8	1.5	3.8	90	4.0	83	4	740

Mechanical Dimensions: mm(in)



Stepper motor 57HS series: 1.8. -NEMA 23



Phase	2
Steps/lap	200
Step angle accuracy	±5%
Shaft load	(20,000 hours at 1000 RPM)
Axial load	40N (9.0 Lbs.)Push, 130N (30 Lbs.)Pull
Radial load	70N (15.5 Lbs.)action point at the top of the output shaft
IP rating	40
Certification	RoHS
Operating ambient temperature	-20°C to +50°C
Insulation class	B, 130°C
Insulation resistance	100 MegOhms

57HS stepper motor four lines

型号 Model	步角距 Step Angle (deg)	电机长度 Motor Length (mm)	相电流 Rated Current (A)	相电阻 Phase Resistance (Ohm)	相电感 Phase Inductance (mH)	保持转矩 Holding Torque (N.cm)	转子惯量 Rotor Inertia (g.cm2)	引线数 Lead wire (No)	重量 Motor Weight (g)
57HS41	1.8	41	2.8	0.7	1.4	55	120	4	450
57HS51	1.8	51	2.8	0.83	2.2	101	275	4	650
57HS56	1.8	56	2.8	0.9	2.5	126	300	4	700
57HS76	1.8	76	2.8	1.13	3	189	480	4	1000
57HS82	1.8	83	2.8	1.1	2.6	220	500	4	1150
57HS100	1.8	100	2.8	2.1	10	260	650	4	1800
57HS112	1.8	112max	4.0	1.6	6.8	300	800	4	1800

Mechanical Dimensions: mm(in)

