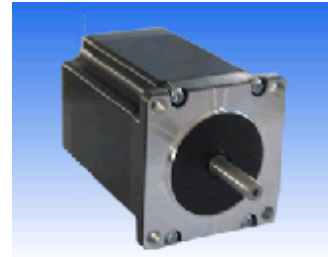


MERCURY MOTOR

ST-57BYGH 1.8°HYBRID STEP MOTOR

Dimensions (Unit: Millimeter)

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



Electrical Specifications

Model	Phase Number	Current (A)	Resistance (Ω)	Inductance (mH)	Max.Static torque (kg.cm)	Weight (kg)	Overall Dimension	
							L0(mm)	L1(mm)
57BYGH006	4	0.34	71	90	4.4	0.42	41	22
57BYGH007	2	0.4	35.5	52	5.6	0.42	41	22
57BYGH008	4	2	1.4	1.2	4.2	0.42	41	21
57BYGH103	4	0.38	32	38	6	0.65	50	21
57BYGH104	4	2.3	1.1	1.4	8.2	0.65	50	21
57BYGH201	2	2.5	1.1	3.6	9.8	0.65	54	21
57BYGH202	4	3	0.75	1.2	9	0.65	54	21
57BYGH207	4	0.4	30	60	8	0.7	56	21
57BYGH208	4	1.6	2.2	3.4	8	0.65	53	25.5
57BYGH211	4	1.6	2.6	5	9	0.65	54	21
57BYGH212	2	1	3.5	12.5	9	0.65	54	21
57BYGH213	4	1	6.2	10	9	0.65	54	21
57BYGH218	2	1	8.2	16.8	10	0.7	56	31.5
57BYGH291	4	2.5	1.3	4.5	8	0.7	54	21
57BYGH301	2	1.4	4.2	15	15	1.1	76	21
57BYGH302	4	3	1	2.1	13	0.65	76	21
57BYGH303	4	2.3	2.5	5.3	16	0.65	76	21
57BYGH310	2	2	4.3	16.2	24	1.1	76	21
57BYGH311	4	3	1.2	2.2	15	1.1	76	25.5
57BYGH315	4	3	1	1.6	13.5	1.1	76	25.5
57BYGH316	2	3	1.4	3.5	18	1.1	76	21
57BYGH317	4	2.5	1.8	3	18	1.1	76	21
57BYGH318	2	3.3	1	2	18	1.1	76	21
57BYGH320	2	0.4	38	150	18	1.1	76	21
57BYGH323	2	0.4	80	18.5	16	1.1	76	21
57BYGH402	4	2.5	2.2	3.8	18	1.5	82	30
57BYGH405A	4	3	1.2	2.4	21	1.3	82	21
57BYGH408	2	3	1.2	4	21	1.5	82	21
57BYGH802	4	1.5	3.2	5.6	9	0.7	56	21
57BYGH803	4	1.5	4.2	8.5	15	0.65	76	21

