

### GEARED STEPPER MOTOR NEMA23 – 1.8-DEGREES / STEP

The gearbox is generally used for low-speed, high-torque transmission equipment.

57BYGHAG Geared Stepper Motor has a wide range of uses, such as the mill used in cement plants. Central transmission series, steel mills, and others.



#### General Specifications

<b>Step Accuracy</b>	5%
<b>Temperature Rise</b>	80°C Max
<b>Ambient Temperature</b>	20°C — +50°C
<b>Insulation Resistance</b>	100MΩMin. 500VDC
<b>Dielectric Strength</b>	500V AC 1 minute

Model	Motor Length L1(mm)	Rate Voltage (V)	Rate Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque (kg.cm)	Lead Wire (NO.)	Rotor Inertia (g.cm <sup>2</sup> )	Detent Torque (g.cm)	Motor Weight (kg)
57BYGH013AG20	41	2.7	1.5	1.8	4	4	4	120	0.21	0.45
57BYGH218AG20	51	2.6	2	1.3	4	9	4	275	0.36	0.65
57BYGH420AG10	56	3.2	2	1.6	5.5	12	4	280	0.35	0.75
57BYGH430AG20	56	2.46	3	0.82	3.3	13	4	280	350	0.75
57BYGH627AG10	78	3	3	1	3.5	19	4	480	0.89	1

