

Stepper NEMA34 - IP68

Water Submersible Stepper Motor

Item	Specifications
Step Angle	1.8°
Step Angle Accuracy	±5% (full step, no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80 °C Max. (rated current, 2 phase on)
Ambient Temperature	-10°C up to +50°C
Insulation Resistance	100MOhm Min. at 500VDC
Dielectric Strength	500VAC one minute
Shaft Radial Play	0.06 mm Max. (450 g-load)
Shaft Axial Play	0.08 mm Max. (450 g-load)
Insulation	Class B 130°



Stepper NEMA34 - IP68 - Performance

Model	Holding Torque (N.m)	Current /Phase (A)	Resistance /Phase Ohm	Rotor Inertia (10 ⁻⁹ .kg.m ²)	Motor Length (mm)	Weight (kg)
NEMA34-2830-IP68	2.8	3.0	1.1	1.0	60	1.7
NEMA34-2848-IP68	2.8	4.5	0.5	1.0	60	1.7
NEMA34-2860-IP68	2.8	6.0	0.3	1.0	60	1.7
NEMA34-4430-IP68	4.4	3.0	1.5	1.6	80	2.4
NEMA34-4445-IP68	4.4	4.5	0.65	1.6	80	2.4
NEMA34-4460-IP68	4.4	6.0	0.4	1.6	80	2.4
NEMA34-8430-IP68	8.4	3.0	2.3	3.2	120	4
NEMA34-8445-IP68	8.4	4.5	1	3.2	120	4
NEMA34-8460-IP68	8.4	6.0	0.6	3.2	120	4
NEMA34-1260-IP68	12	4.0	1.4	4.8	160	5.5
NEMA34-1260-IP68	12	6.0	0.7	4.8	160	5.5
NEMA34-1280-IP68	12	8.0	0.38	4.8	160	5.5

NEMA34 Stepper Motor in IP68 - Dimensional Drawing

