

MT34FH / 1,8°

• General characteristics

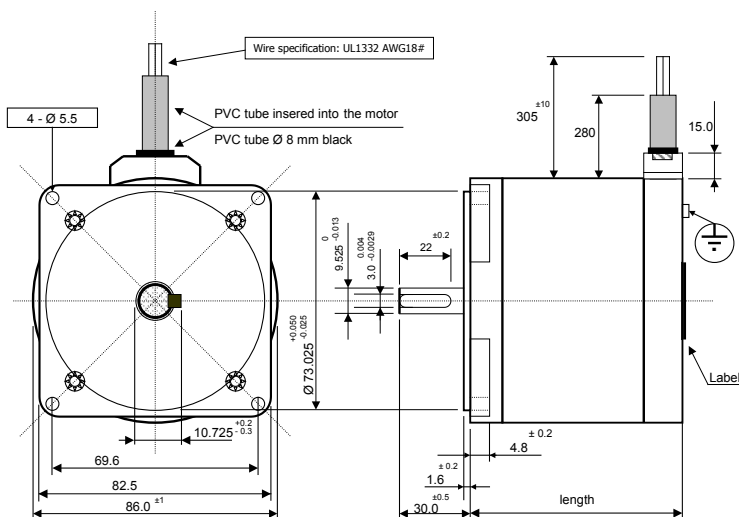


Step accuracy	±5%
Temperature rise	80° C max @ nominal current
Ambient temperature	-20° C ~ +50° C
Insulation resistance	100Mohm min., 500Vdc.
Dielectric strength	1500Vac 1 minute
Insulation class	B, 120° C
Protection	IP30
Max radial force	220 N
Max axial force	60 N
Shaft radial play	0.02 max 450 g. load
Shaft axial play	0.08 max 450 g. load

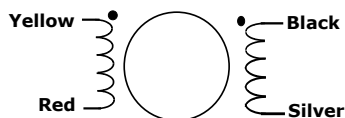
• Specifications

Model Code	Rated Voltage (V)	Phase Current (A)	Phase Resistance (ohm)	Phase Inductance (mH)	Holding Torque (Nm)	Detent Torque (Nm)	Rotor Inertia (g.cm ²)	Wires	Motor Length (mm)	Weight (Kg)	Special (see pag.4)
MT34FH26060M401	1.62	6.00	0.27	2.10	2.80	0.08	660	4	67.0	1.60	—
MT34FH38066M4K1	2.31	6.60	0.35	3.20	4.80	0.13	1200	4	93.7	2.40	—
MT34FH51090M401	3.82	9.00	0.425	3.50	7.60	0.23	1800	4	125.0	3.60	wires length 1000 mm

• Dimensions (Unit: mm)

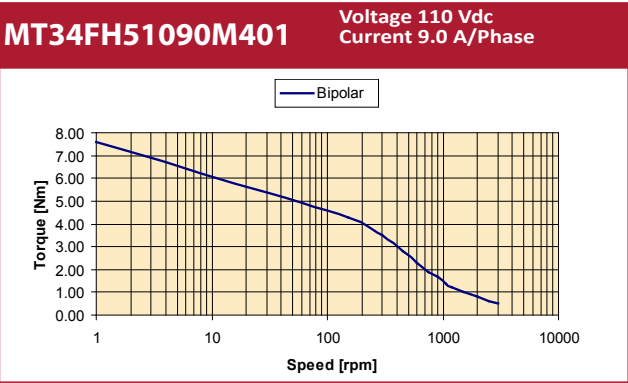
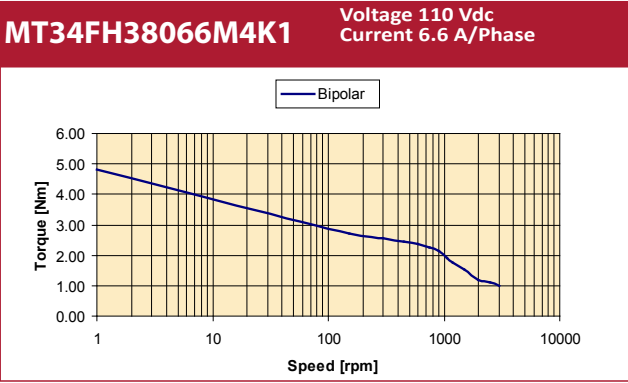
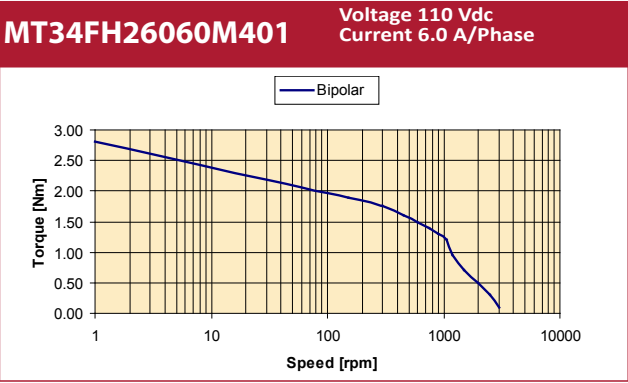


• Wiring diagrams



PHASE	A	A/	B	B/
LEAD COLOR	YELLOW	RED	BLACK	SILVER

• Torque curves



- Quality of motors, coding table and usage
- 2 phases hybrid step motors NEMA 10 (25 mm)
- 2 phases hybrid step motors NEMA 12 (28 mm) NEMA 14 (35 mm)
- 2 phases hybrid step motors NEMA 17 (42 mm)
- 2 phases hybrid step motors NEMA 23 (57 mm)
- 2 phases hybrid step motors NEMA 24 (60 mm)
- 2 phases hybrid step motors NEMA 34 (86 mm)

- 2 phases hybrid step motors NEMA 42 (110 mm)
- 2 phases permanent magnet step motors NEMA 08 (15 mm) NEMA 12 (25 mm)
- 2 phases permanent magnet step motors NEMA 12 (25 mm) NEMA 14 (35 mm)
- 2 phases permanent magnet step motors NEMA 17 (42 mm)
- DC brushless motors NEMA 17 (42 mm) NEMA 23 (57 mm)
- DC brushless motors with integrated driver NEMA 17 (42 mm) NEMA 23 (57 mm)

- Encoders
- Planetary gearboxes