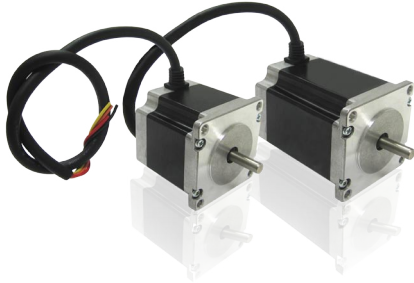


MT23HE / 1.8°

• General characteristics

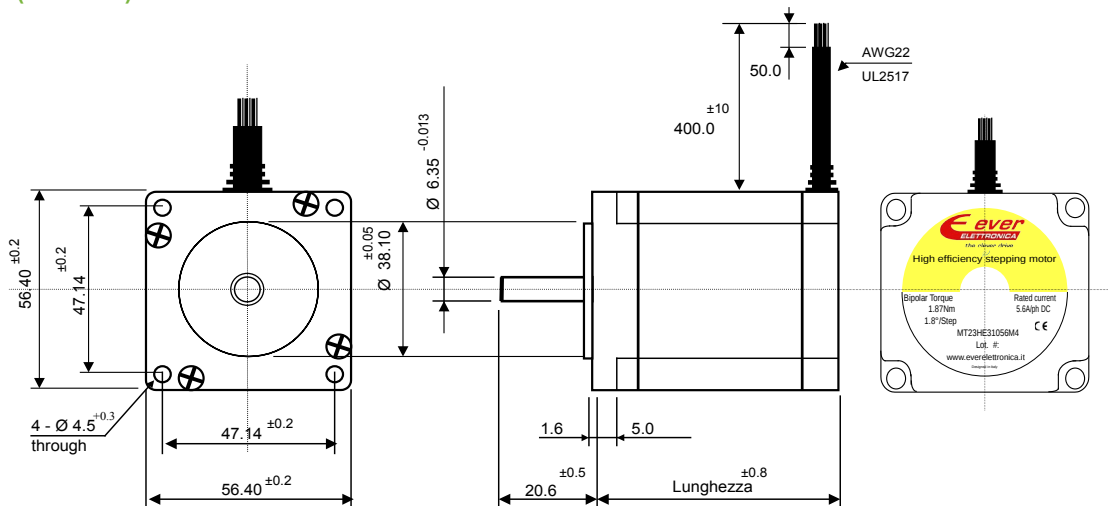


Step accuracy	±5%
Temperature rise	80K max at nominal current
Ambient temperature	-20° C ~ +40° C
Insulation resistance	100Mohm min. 500Vdc.
Dielectric strength	500Vac 1 minute
Insulation class	B, 130° C
Protection	IP30
Shaft radial load	75 N (at front shaft end)
Shaft axial load	15 N

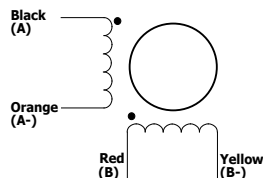
• Specifications

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.26)
MT23HE22015B401	5.10	1.50	3.40	9.20	1.00	--	280	4	53.3	0.60	rear shaft L=13.5 mm D=5.0 mm connector on board + encoder mounting holes with 300 mm lead wires
MT23HE22020M4	2.20	2.00	1.10	3.90	1.00	--	280	4	53.3	0.68	--
MT23HE22028M401	2.50	2.80	0.90	2.90	1.26	--	280	4	53.3	0.68	D-cut on front shaft L=15.0 mm and P=0.55 mm with 300 mm lead wires
MT23HE31042B403	2.10	4.20	0.50	1.77	2.00	--	480	4	77.3	1.10	rear shaft L=13.5 mm D=6.35 mm + encoder mounting holes
MT23HE31056M4	1.80	5.60	0.33	0.80	1.87	--	480	4	77.3	1.10	--

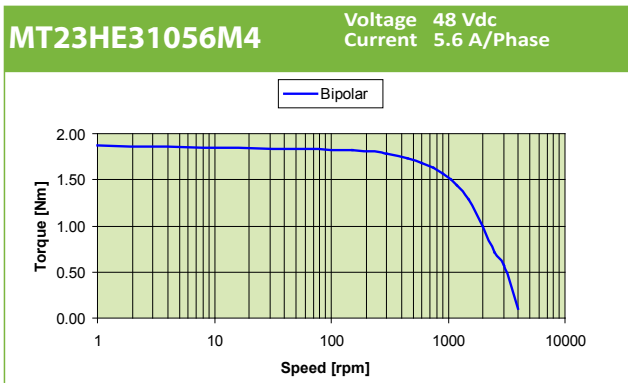
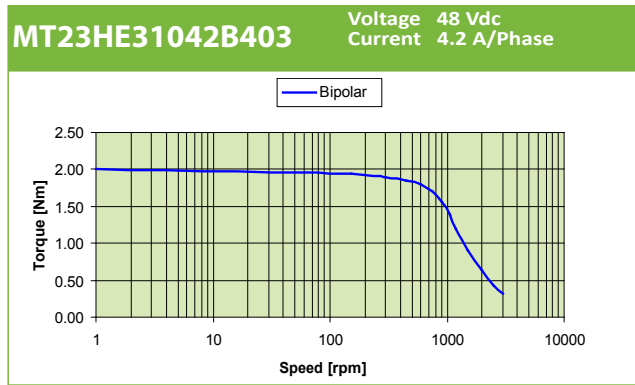
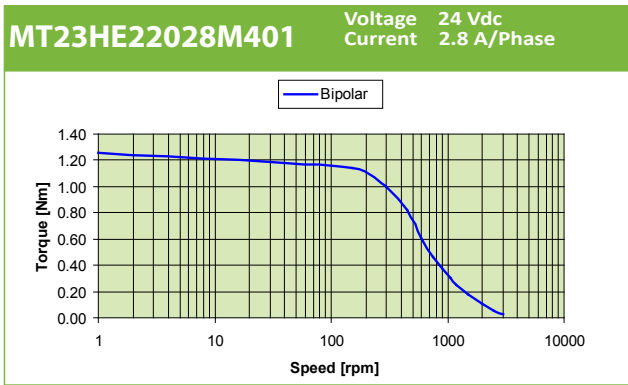
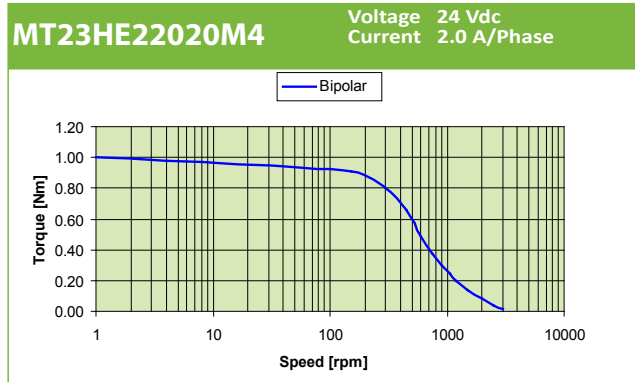
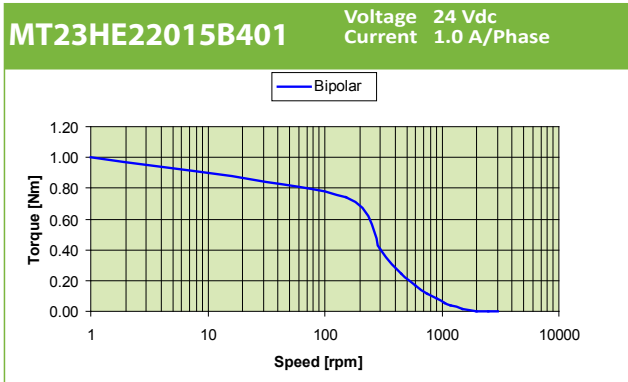
• Dimensions (Unit: mm)



• Wiring diagrams



• Torque curves



Benefits

NEMA 08 (20 mm)
NEMA 12 (28 mm)
2 phases hybrid

NEMA 17 (42 mm)
2 phases hybrid

NEMA 23 (57 mm)
2 phases hybrid

NEMA 24 (60 mm)
2 phases hybrid

NEMA 34 (86 mm)
2 phases hybrid

NEMA 42 (110 mm)
2 phases hybrid