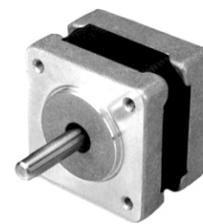


□ 39.2mm(□ 15.4in.)

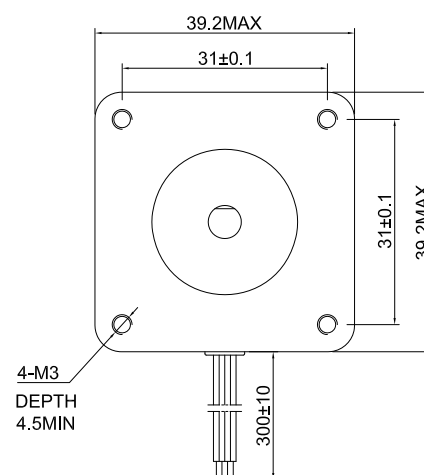
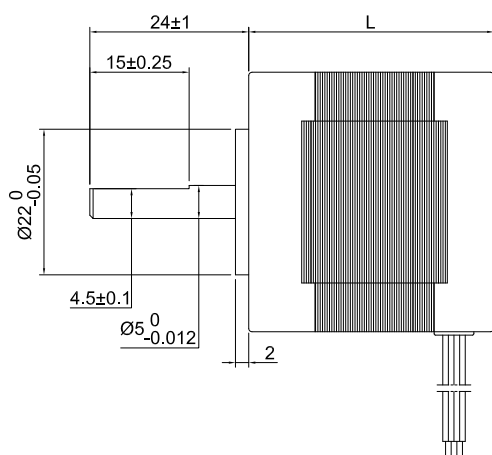
Step Angle 0.9° 16HM High-Resolution Type

Common Rating

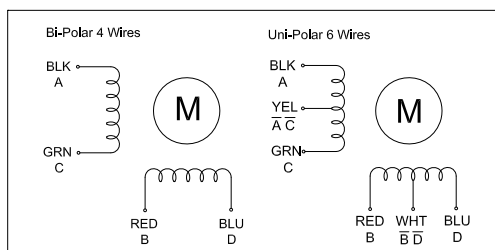
Item	Specification
Step Angle Accuracy	±5% (full step, no load)
Temperature Rise	80°C Max. (rated current, 2 phase on)
Ambient Temperature	-10°C ~ +50°C
Insulation Resistance	100MΩ Min. 500VDC
Dielectric Strength	500VAC for one minute



Dimension Unit = mm(in.)



Wiring Diagram



Excitation Sequence

Excitation: 2-2		Excitation: 2-1-2							
STEP	A	B	C	D	STEP	A	B	C	D
1	+	+			1	+			
2			+	+	2	+	+		
3			+	+	3	+			
4	+			+	4		+	+	
					5			+	
					6		+	+	+
					7				+
					8	+			+

Specifications

Model	Torque		Voltage	Current	Resistance	Inductance	Inertia	Bi/Unipolar	Weight	Length "L"	
	Ncm	oz.in	V/Phase	A/Phase	Ohm/Phase	mH/Phase	g.cm2	# of Leads	Kg	mm	in
16HM08-0504S	9	12.7	4	0.5	8	9.5	10	Bi (4)	0.1	20	0.79
16HM09-1204S	11	15.6	3.6	1.2	3	1.2	10	Bi (4)	0.1	22	0.87
16HM10-0504S	12	17.0	5	0.5	10	15.5	11	Bi (4)	0.12	25	0.98
16HM10-0604S	16	22.7	6	0.6	10	15.5	11	Bi (4)	0.12	25	0.98
16HM12-0634S	12.5	17.7	5.7	0.63	9	14	14	Bi (4)	0.13	31	1.22
16HM13-0404S	18	25.5	12	0.4	30	43	20	Bi (4)	0.18	34	1.34
16HM15-0806S	17	24.1	6	0.8	7.5	7.5	28	Uni (6)	0.2	38	1.50
16HM15-0504S	26	36.8	12	0.5	24	60	28	Bi (4)	0.2	38	1.50
16HM17-0304S	25	35.4	12	0.3	40	110	36	Bi (4)	0.25	44	1.73

* Specify -S for Single Shaft; -D for Double Shaft * All motor's specifications are based on full-step constant current operation