



ML34HD1L4500-E

Stepper motor,Double shaft, High torque, Low inertia, Fast raising speed, 2 phase, 1.8°, NEMA34

- Low Inertia
- Quick Response
- High Torque
- High Efficiency

Learn More About NEMA 34 Standard Hybrid Stepper Motors

Recommended Options

Collection

Consultant

Specification Torque Speed Curves Mechanical Size Downloads Recommended Options Delivery & Packaging

Parameter	Unit	Value
Phase		2
Step Angle		1.8°
Shaft		Double
Frame Size		NEMA34(86mm)
Length	m m	97
Rated Current	A	5
Holding Torque	Nm	7.2
Holding Torque	oz-in	1019.66
Resistance	Ohms ±10%@20°C	0.61
Inductance	mH Typ.	8
Coil Type		Bi-Polar
Detent Torque	mNm	150
Rotor Inertia	gcm²	1570
Front Shaft Length	m m	31.75
Front Shaft Diameter	m m	12.7
Rear Shaft Length	m m	19.05
Rear Shaft Diameter	m m	9.525
Terminal Number		4
Connect		Leads
Insulation Class		B(130°C)
Approvals		UL,RoHS
IP Rating		IP40
Weight	kg	2.7



#### SR8-Plus

Supply Voltage:24VDC-75VDC, Output  
Current(peak):2.4Amps-7.8Amps, Step  
Resolutions(1.8°Stepper): Full Step, 2x, 4x,  
5x, 8x, 10x, 16x, 20x, 25x, 32x, 40x, 50x, 64x,  
100x, 125x, 128x Microstepping, Step  
Pulse Frequency:2MHz Max, Selectable  
Damping Modes For Smooth Motion

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