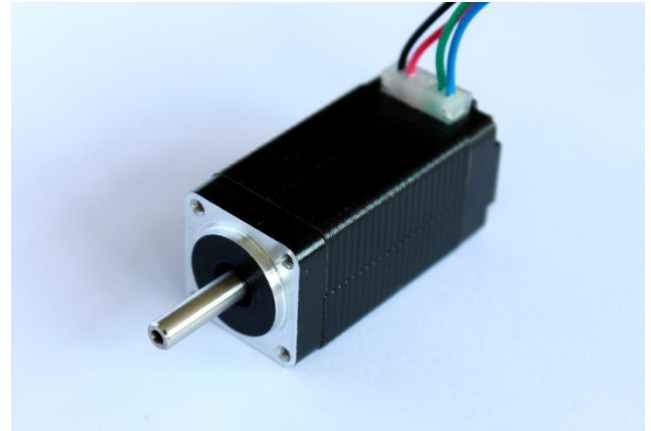


1.8° Nema 8 (Size 20 mm) Hybrid Motors

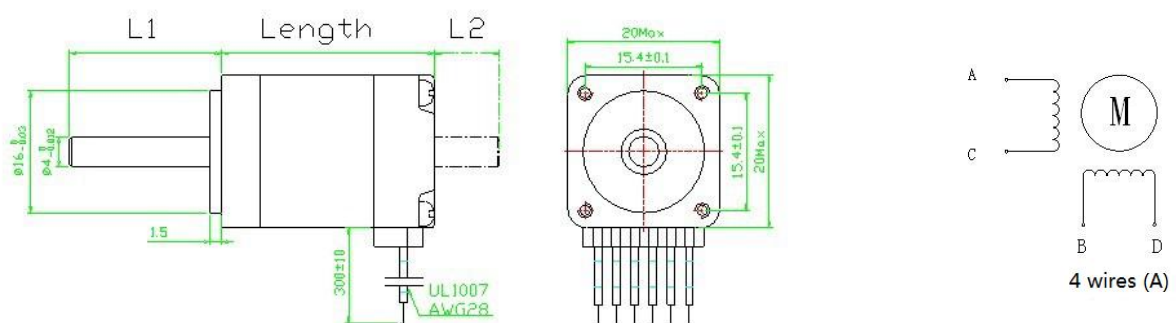
• **General Specification for Hybrid Step Motors**

Item	Specifications
Step Angle Accuracy	±5% (full step, no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80°C Max
Ambient Temperature	-20°C~+50°C
Insulation Resistance	100MΩ.,500VDC
Dielectric Strength	500VAC for one minute
Shaft Radial Play	0.02Max(450g-load)
Shaft Axial Play	0.08Max(450g-load)
Insulation Class	Class B



Motor Specification

Model No.		Rated Voltage	Current	Inductance	Resistance	Holding Torque		Weight	No. of leads	Length
Signal shaft	Double Shaft	V	A	mh	Ω	Oz-in	Kg-cm	kg		mm
CS20H28-0204A	CS20H28-0204B	4.8	0.2	8	24	2.2	0.16	0.05	4	28
CS20H30-0504A	CS20H30-0504B	5.75	0.5	1.7	11.5	2.5	0.18	0.05	4	30
CS20H33-0604A	CS20H33-0604B	3.9	0.6	2.2	6.5	2.8	0.2	0.06	4	33
CS20H42-0804A	CS20H42-0804B	3.9	0.8	1.5	5.4	4.2	0.3	0.08	4	42



Note: L1 and L2 can be customized

The motors are qualified with the CE certificate and ISO9001

The motors can be designed according to the customers requirements