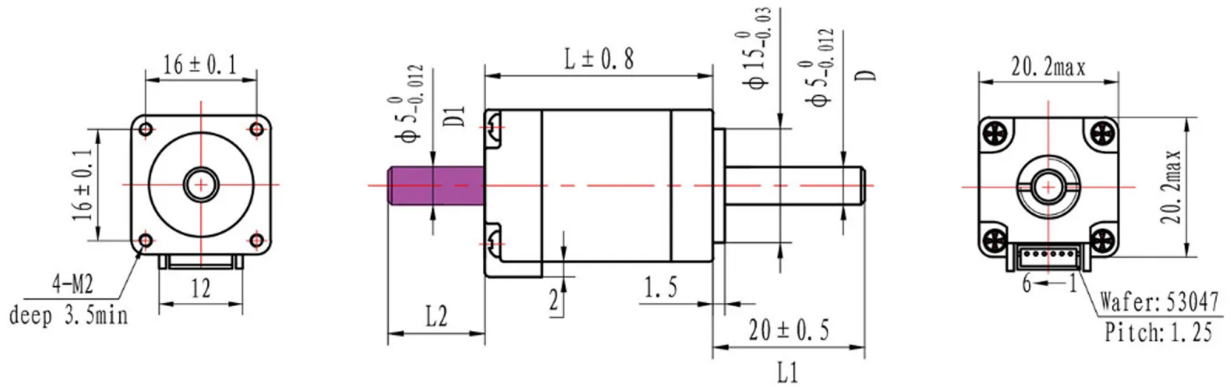


Specifications

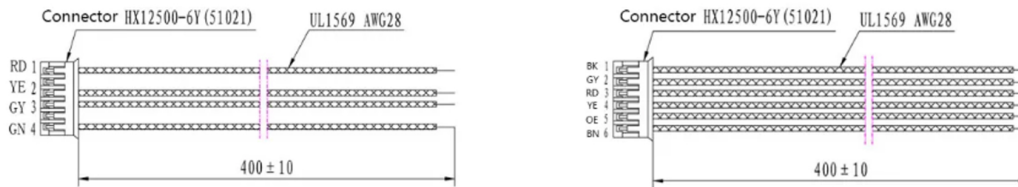
Model : 8HY 20mm 1.8° Nema Stepper Motors

General Specification		a, Bipolar (4 wire)	b, Unipolar (6 wire)
Step angle accuracy	5%		
Working temperature	80°C max		
Environment temperature	-20°C~+50°C		
Insulation class	B		
Insulation and voltage resistance	AC 500V 1 Min		
Insulation resistance	100MΩ Min 500V DC		
Radial runout	0.02mm MAX (Load 500g)		
Axial clearance	0.08mm MAX (Load 500g)		

Drawings



Specified wiring and connector is available.



Code	L	L1	L2	D/D1
Definition	BodyLength	FrontShaft, 50mm Max	EndingShaft, 30mm Max	ShaftDia Range φ3mm-φ6mm

Model and Curves

Model	Wires #	Current A	Resistance Ω	Inductance mH	HoldingTorque mN.m	Inertia g·cm ²	Weight g	Length L mm
8HY001-2	4	0.6	6.5	1.7	18	2	60	30
8HY005-8	6	0.3	3.7	0.4	8	2	60	
8HY201-2C	4	0.6	8	2.8	22	3	70	38
8HY205-12P	4	0.6	9.2	3.7	24	3	70	
8HY104-2P	4	0.8	5.4	1.5	30	3.6	80	43
8HY104Y-54N	4	0.8	4.6	1.5	30	2	60	43

Condition : Driver DX508, DC36V, Full Step/Sec

