

# 8HY Series: 1.8° - Size 8



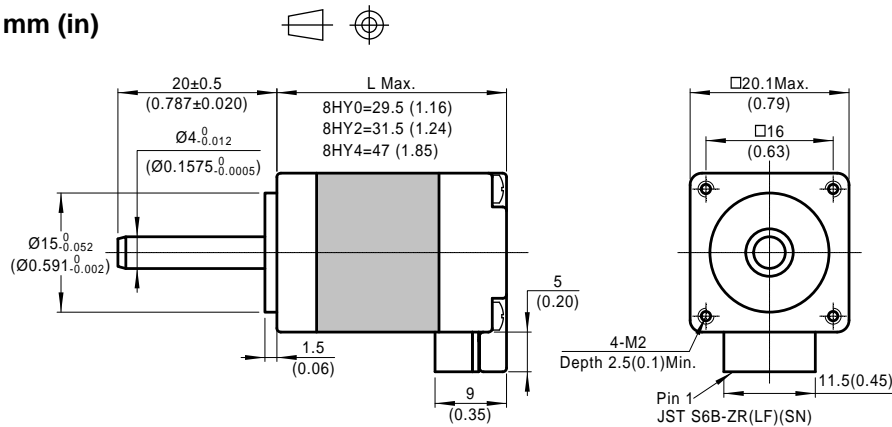
- Phases 2
- Steps / Revolution 200
- Step Accuracy ±5%
- Shaft Load (20,000 Hours at 1000 RPM)
  - Axial 6 N (1.3 Lbs.) Push  
25 N (5.6 Lbs.) Pull
  - Radial 18 N (4 Lbs.) At End of Shaft
- IP Rating 40
- Approvals RoHS
- Operating Temp. -20°C to +50°C
- Insulation Class B, 130°C
- Insulation Resistance 100 MegOhms

## 8HY - 4 Lead Bi-Polar

Length	Model Number	Connect	Rated Current	Holding Torque		Winding		Detent Torque		Rotor Inertia		Motor Weight	
	Single Shaft	P=Plug L=Leads	Amps (mounted)	Nm Typ.	oz-in TYP.	±10% @20 C	mH Typ.	mNm oz-in	g cm <sup>2</sup> oz-in <sup>2</sup>	kg Lbs			
29.5mm (1.16in)	8HY0007N	P	0.2	0.02	3	54	10.7	1.7 0.24	27 0.015	0.065 0.14			
	^ 8HY0008N	P	0.4	0.02	3	13.9	3						
	^ 8HY0009N	P	0.6	0.02	3	6.1	1.31						
47mm (1.85in)	8HY4044N	P	0.2	0.04	5	61	19	2 0.28	4.2 0.023	0.09 0.2			
	^ 8HY4045N	P	0.4	0.04	6	17.4	5.9						
	^ 8HY4046N	P	0.6	0.04	6	8	27						
	^ 8HY4047N	P	0.8	0.04	6	4.4	1.54						

^ Preferred model

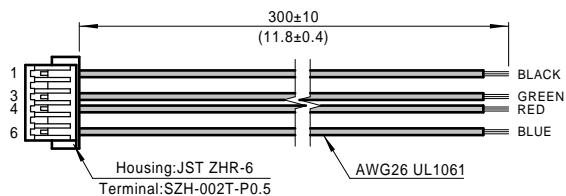
## Dimensions: mm (in)



## Mating Connector With Leads (order separately)

Dimensions: mm (in)

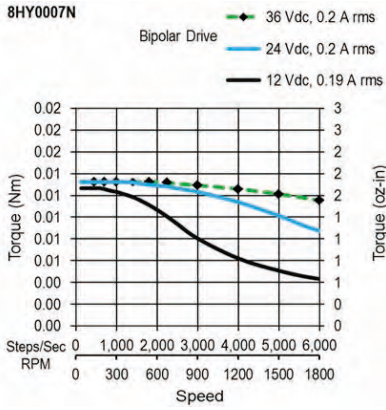
4 Lead Part Number 4634 1402 03659



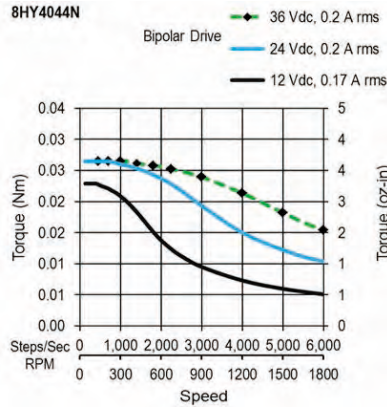
### 8HY0-Bipolar

### 8HY4-Bipolar

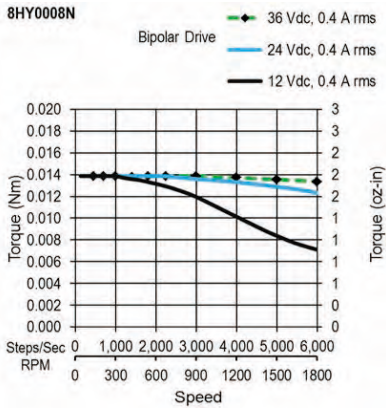
8HY0007N



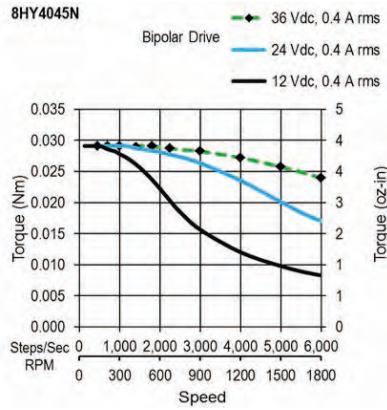
8HY4044N



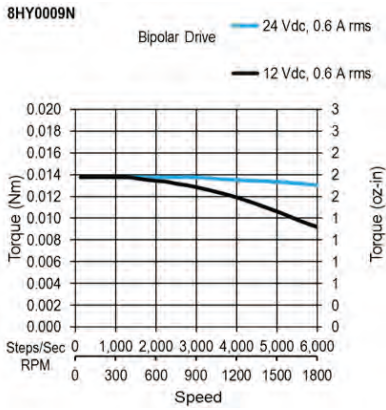
8HY0008N



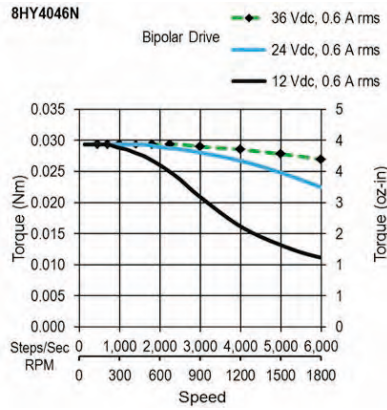
8HY4045N



8HY0009N



8HY4046N



8HY4047N

