

EBC-D180C-M1 – 250W-500W

Highlights

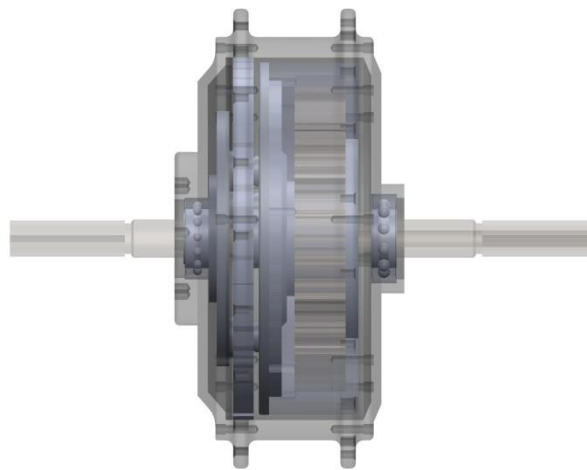
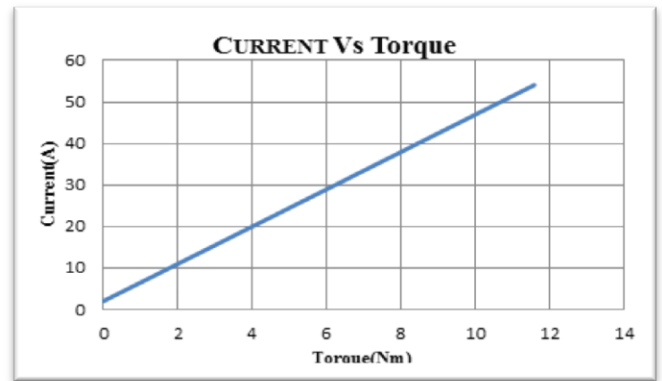
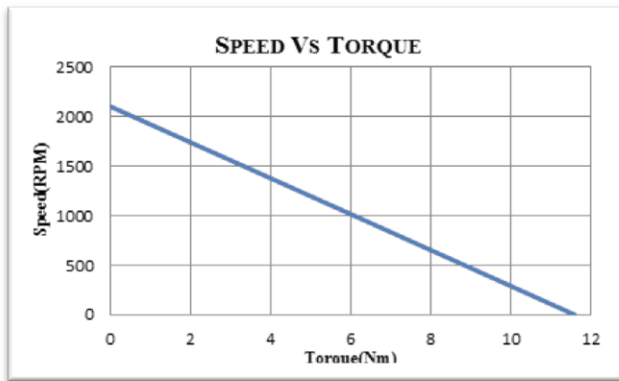
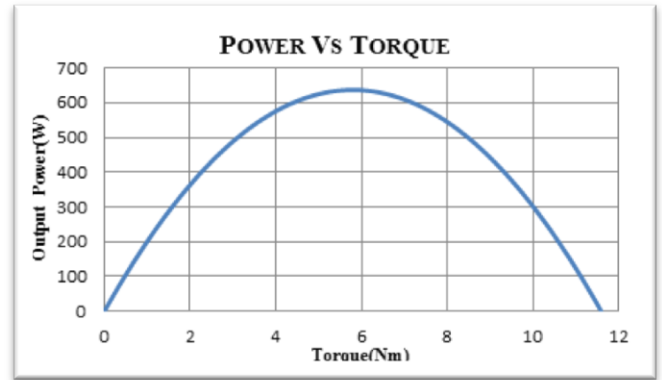
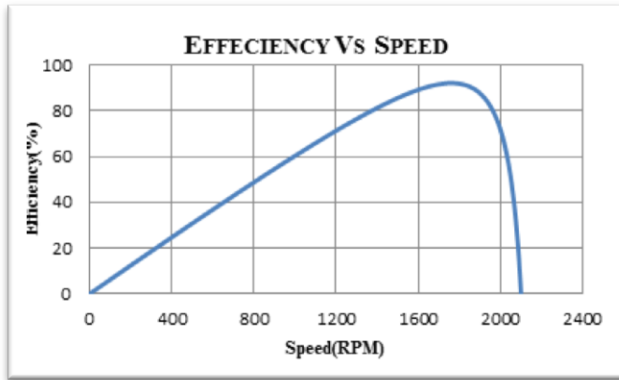
- ✓ 36VDC, 500 Watts, 1500 RPM Brushless DC Motor
- ✓ Internal Sun-Planetary gear
- ✓ External Control
- ✓ Built in Hall Sensors with Hall Effect Angle of 120 degrees
- ✓ Insulation Class F
- ✓ Dielectric Strength (500V DC for One Minute)
- ✓ Excellent power to volume ratio
- ✓ Operating temperature up to +80°C
- ✓ Cogging torque is less than one percent
- ✓ Also available in 24, 36 & 48 VDC

Specifications

Parameter	Value
Rated Voltage	24/36/48 VDC
Rated Current	20.8/13.8/10.5 A
Rated Power (Output)	Up to 500 Watts
Rated Speed of internal motor (RPM)	1500 RPM
Rated Torque of internal motor (Nm)	3.2 Nm
Peak Torque of internal motor (Nm)	8
Peak Current (A)	30 A
Variable Speed Range	0-1500 RPM
Rotor Inertia	0.00471 Kg m ²
Gear Type	Sun-Planetary
Gear Ratio	1:5
Hub - RPM	300 RPM
Hub - Rated Torque	16 Nm
Brake Mounting	Disc Brake PCD 48mm M5-0.8 x 8 Nos
Installation Width	135 mm
Hub Diameter	180 mm
Spoke Specification	36H x 12 G
Cable	Through Shaft (Right Side)
Finish	Black Powder Coated / Chrome



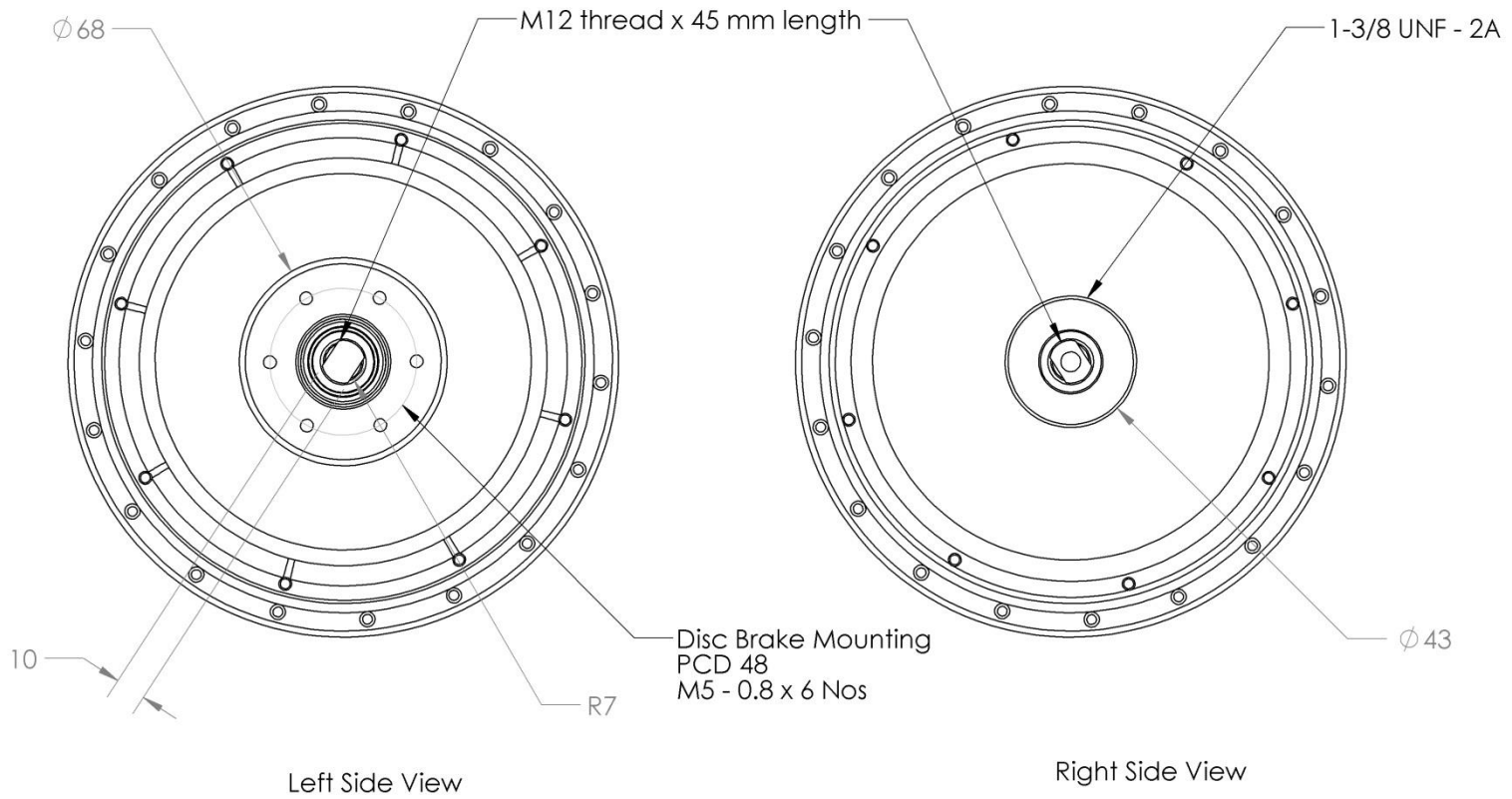
Performance Curves



Megh Neel Renewable Power Systems Pvt Ltd

Model: EBC-D180C-M1

Scale 1:2 Units: mm



Contact Information

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