

111-2 Series 30mm DC Brush Motor



The new 111-2 series,
30mm Brush DC motor

Typical applications include:

- Printers
- Automotive
- Pumps
- Beverage Dispensing
- Cutting tools
- Medical Devices
- Robotics
- Fans

From the company known for its reputation of producing quality electric motors, Hansen announces the newest model to be introduced in their DC product line: the new *111-2 series, 30mm Brush DC motor*.

Designed and manufactured in Princeton, Indiana the 30mm has the unique quality of providing a large amount of power and speed inside a small package. With torque ratings reaching up to 19 in-oz and speed ranges from 3200 to 6200 rpm, the 30mm has the ability to produce the power needed to do the job, all while fitting in the limited space available. This type of motor is popular because it is both inexpensive and efficient.

Consistent with other DC Brush Motors, the 30mm is an ideal choice when it comes to applications that require variable speed and torque-control. The reasoning behind this is simple – the ability to customize speed by design. This means it has the capability to change speed-torque ratio in almost any way a customer desires. In addition, due to its high ratio of torque to inertia, the 30mm has the potential to provide four times more torque than its rated torque.

This motor has been designed to serve the industrial, instrumentation, and automotive markets. 30mm motors can be found in nearly every facet of industry because of its simplicity, cost effectiveness, and versatility. In particular, they are very common in the automotive industry and in household applications. All of Hansen's 30mm brush motors come equipped with long-life ball bearings to increase durability and longevity, and customization is available on anything from shafts to lead harnesses. Low and high resolution encoders are also available for those looking for velocity and position feedback.

GENERAL RATINGS

19 in-oz max torque
5 in-oz max continuous
12 watts out continuous
15 watts out peak
3200-6400 RPM (No Load Speed)
12 or 24 rated voltage

**Performance values subject to change*

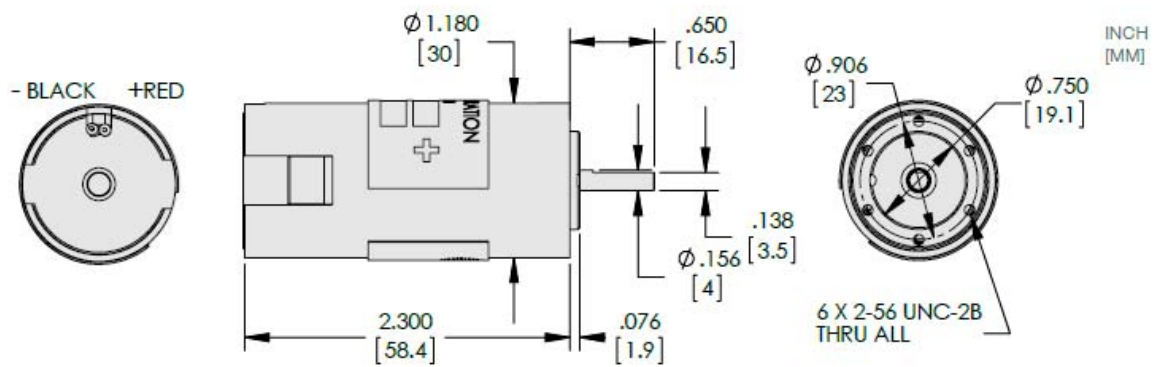
STANDARD FEATURES

Ball Bearings
High Starting Torque
Precision Die Cast End Bells
Class B Rated
Reversible
Stainless Steel Output Shafts

OPTIONAL FEATURES

Encoders from 2 to 2048 CPR
Voltage Ranges to 48VDC
EMI Noise Suppression
Customized Shafts
Customized Lead Harnesses
Custom Mounting
Rear Shaft Extensions

111-2 DC Motor



**This product will be released
August 2014**

For more information visit Hansen's website – www.hansen-motor.com
Or call: **(812) 385-3415**