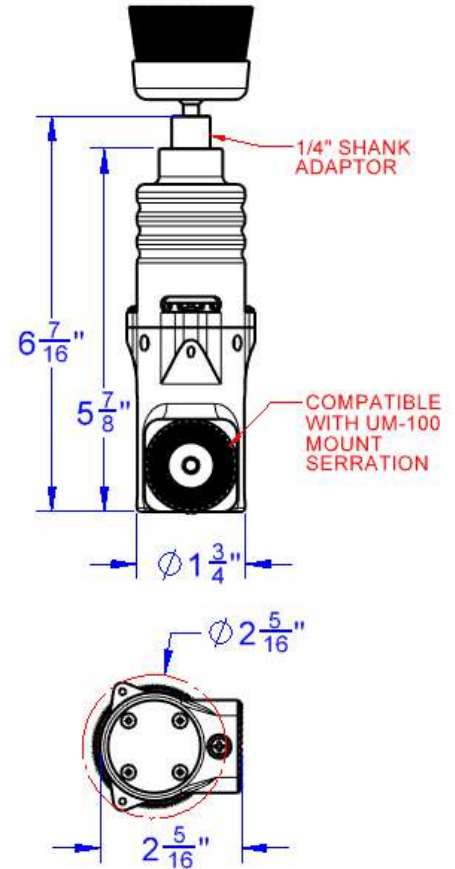


- UNDERWATER GRINDER
- BRUSHLESS 3 PHASE FLOODED MOTOR
- NO SHAFT SEALS
- REPLACEABLE MOTOR
- STANDARD 1/4 SHAFT COLLAR
- BI-DIRECTIONAL MOTOR



APPLICATIONS INCLUDE: UNDERWATER VEHICLE

MECHANICAL:

Diameter.....1.75 in. (44.5 mm)
 Length.....6.438in. (163.5 mm)
 Weight in air.....1.0 lb. (0.45 kg)
 Weight in seawater.....0.5 lb. (0.23 kg)
 Rotation Speed (Unloaded).....2,000 rpm
 Depth Rating.....2,000 ft. (610 m)
 Housing Material.....Delrin

ELECTRICAL:

Input Voltage.....12-20 VDC
 Power.....400 Watts
 Free Running Amperage.....15A
 Loaded Amperage.....20A

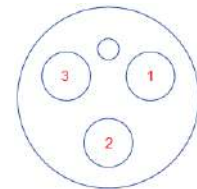
MOTOR CONTROL:

12-20V 30A+ ESC recommended. PWM signal should be limited to achieve a max of 400W (20A@20V). Exceeding 20A will damage the motor.

CONNECTOR:

Standard Connector.....MCIL3M

1. ESC wire 1
2. ESC wire 2
3. ESC wire 3



Mate for Connector.....MCBH3F

OPTIONS:

1. 30A ESC
2. MCBH3
3. UM-100 Mount