



RIMDRIVE thrusters

The RD160

Peaceful power at your fingertips

The RIMDRIVE is unique in its design; when operating, this thruster is *extremely quiet!* The propeller forms the rotating part of the electric motor (rotor) and the fixed winding (stator) is mounted in the tunnel. Therefore gears are not used in this design. Secondly a ring mounted around the propeller, prevents the propeller from cavitating.

The RIMDRIVE is available in 160 kgf and needs a thruster supply voltage of 48 VDC. The panel should be ordered separately.

Unique features

- Permanent magnet induction motor design, no carbon brushes
- Quiet operation due to a virtually cavitation free propeller and no use of gears
- Proportional control as standard via V-CAN
- Runtime only limited by the supply bank
- Easy to install
- Maintenance free
- IP67 top cover / ISO 8846 ignition protection compliant
- Lock the thruster at any speed and hold the boat alongside the dock
- Can be used as a stern thruster
- Suitable for aluminum, steel and GRP boats
- Suitable for V-CAN integrations (see page 15).

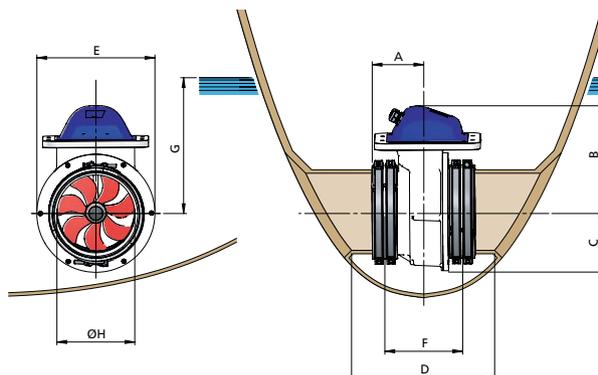


| RIMDRIVE series | RD160 |
|---|--------------|
| Thrust at 48 VDC (kgf)* | 160 |
| Power (kw-hp) | 9,5 -12,9 |
| Motor DC | 48 |
| Advised boat length (ft - m) | 44'-65/15-20 |
| Tunnel diameter (mm - inch) | 250 - 9,8" |
| Weight excl. tunnel (kg) | 37 |
| For DC system (Volt) | 48 |
| Battery main switch: model BATSW / type BPMMAIN | 250 |
| Internal thruster fuse (Amp) | 250 |
| Battery Ah value (C20) | 145 |

* When the RIMDRIVE is operating within the set boundaries, the thrust output is not affected by voltage drop (41-60 VDC).

Battery state of charge, battery cable size, ambient temperature and other factors can affect thruster performance. Advise for battery cable length per model see page 237.

| Model number (dimensions in mm) | RD160 |
|---------------------------------|----------|
| A | 170 |
| B | 341 |
| C | 190 |
| D min/max. | 400/1000 |
| E | 380 |
| F | 247 |
| G min. | 250 |
| H | 250 |



The RIMDRIVE is V-CAN controlled and uses the same control wiring and panels as the BOW PRO series. See page 15 for detailed information.

VETUS strongly advises the use of original V-CAN connection cables to ensure optimal connection between controls and thruster.