PROJECT SPECIFIC PRODUCT RANGE



NAVIGATION DISPLAYS / SPEED REPEATERS

MD77SPD VESSEL SPEED INDICATOR DISPLAY

SKU: F077204

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FEATURES

- **Displays Vessel Speed through the Water**
- **Clear and Easily Read Dial Display**
- **Panel or Bulkhead Mountable**
- **Accepts NMEA 0183 Data**
- **Dimming Control; White Illumination**
- **Custom Speed Ranges and Units Available***

OVERVIEW

The MD77SPD is a NMEA-based Vessel Speed Indicator, housed in a robust, compact aluminium enclosure. Fitted with dimmer control pushbuttons for background and pointer illumination, it is ideal for any vessel.

The MD77SPD provides a clear and easily read analogue display graduated in 0.5 knot increments from 0 to 40 knots.

Compact and rugged, the MD77SPD offers a solution for locations where the available space is limited and may be either bulkhead or panel mounted. Finished in jet black to complement other marine navigation equipment.

The MD77SPD from Marine Data: flexible in application, easy to install and simple to maintain.

APPLICATIONS

- The MD77SPD is designed to display Water Speed Data transmitted from marine equipment compatible with the NMEA 0183 data protocol, VHW sentence*

ACCESSORIES

- Panel Mounting Kit (Supplied)
- Bulkhead Bracket Mounting Kit
- Remote Dimmer Control (0-24 V dc)

RELATED PRODUCTS

The complete range of Marine Data Heading Repeaters, Rate of Turn Indicators and Rudder Angle Indicators

This product is an example of a baseline specification which we are not currently stocking as a standard product. Please contact us with your project-specific requirements, and we can discuss opportunities to provide a bespoke solution.

SPECIFICATIONS

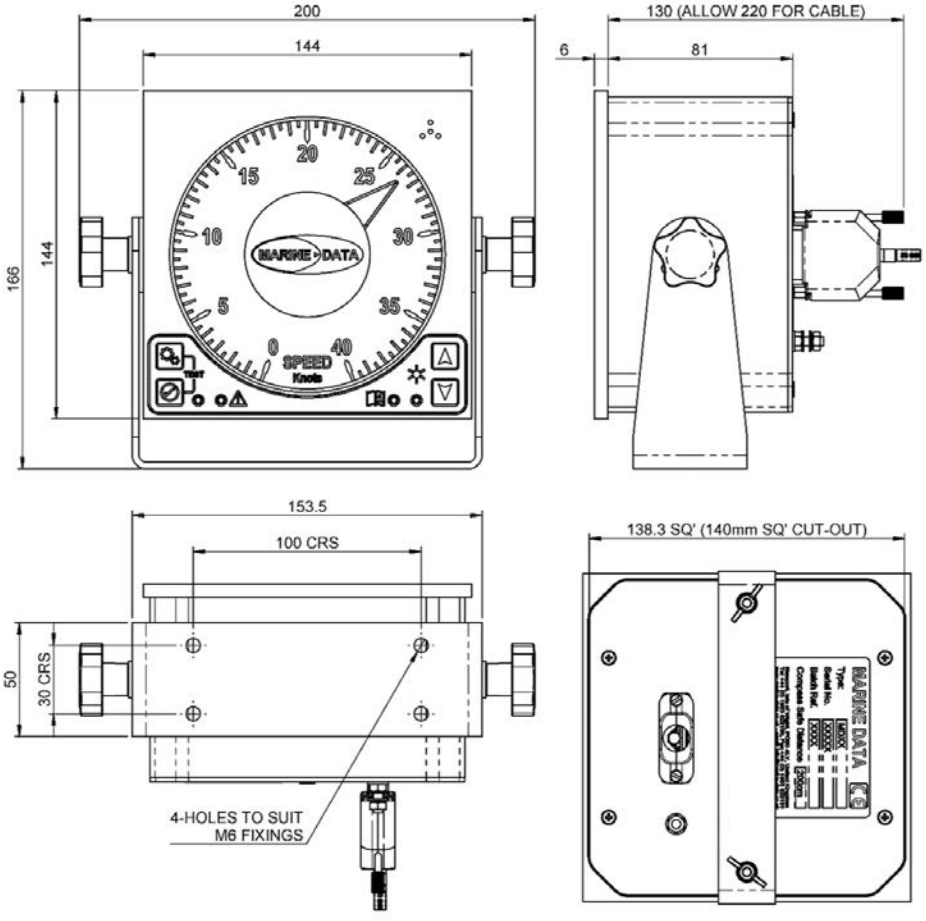
PHYSICAL	
Weight:	1.25 kg (on bracket)
Dimensions:	H 166 mm; W 200 mm; D 87 mm (on bracket) Fascia 144 x 144 mm; dial Ø 118 mm 140 mm square panel cut out
Mounting:	Panel or optional Bulkhead mounted
Connections:	1 x data cable to 15-pin D-sub plug
Construction:	Aluminium alloy enclosure
Finish:	RAL9005 Jet Black; fine texture

ELECTRICAL	
Power Supply:	24 V dc (18-32 V); 10 W
Data Input:	Digital RS422; NMEA 0183; 4800 - 38400 baud
Data Sentence:	NMEA 0183 VHW Knots Speed Data
Cable:	Supplied with 2.5 m multi-core data cable

OPERATIONAL	
Performance:	±0.5° accuracy; 40°sec follow-up rate
Dial Illumination:	Backlit white illumination; Remote Dimmer Control
Display:	Rotary dial; 0.5 knot increments (0-40 knots)
Error Indication:	Loss of Valid Data: Pointer assumes a vertical downward position; Audible Alarm / Red LED
MTBF:	30,000 hours

ENVIRONMENTAL	
IP rating:	IP54
Operating temp:	-15°C to +55°C
RoHS:	Compliant
Compass:	Safe Distance 100 cm

APPROVALS	
Conforms with:	IEC 61162-1 (NMEA); IEC 60945; IEC 62288; IMO Res. A694 (17); IMO Res. A1021 (26); IMO Res. MSC191 (79)



All dimensions in mm

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