

# Lifeboat Compass

Model: YO-50F    IMPA: 330211

## Technical Specifications

- **Liquid Type:** White Oil
- **Half-Period:**  $\geq 4s$  or  $0.06d$
- **Friction Error:**  $< 1.5^\circ$
- **Settling Time:**  $\leq 30s$
- **Directional Error:**  $< 1.5^\circ$

## Product Features

- A small liquid compass that provides a reliable means of navigation, allowing passengers to determine their direction even if other navigation systems are unavailable.
- Suitable for all kinds lifeboats and other small boats with a length of no more than 20m.
- Designed to be simple and durable, capable of withstanding harsh weather.
- The fluid damping system minimizes oscillations from boat movement, ensuring accurate directional readings.
- Equipped with luminous markers, easily readable in low-light condition.

**Important Note:** The magnetic compass includes LED lighting for nighttime visibility. To power the lighting, connect the provided wires to a DC12V/24V power source. Ensure correct polarity: connect the red wire to the positive terminal and the black wire to the negative terminal.

## Certifications

- **Approval:** CCS certificate
- **Approval Standards:** ISO 14227:2001 (Small Craft-Magnetic Compass), Chapter IV 4.4.8.5 and V 5.1.2.2.3 of MSC.48(66) International Life-saving Appliance Code(LSA Code)



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