Marine Electric Propulsion Pod

This marine electric propulsion pod optimizes hull wake fields for improved hydrodynamic efficiency. Removing mechanical parts, it avoids efficiency loss, reduces vibration, and cuts noise, enhancing comfort.

Overview

NEPod Series Electrical Propulsion

The NEPod series is a permanent magnetic electrical pod propulsion system designed for high-efficiency marine applications. By integrating the electric motor directly into the underwater housing, the system eliminates the need for complex gear parts, allowing the motor to drive the propeller directly. This design significantly improves propulsion efficiency and vessel maneuverability while reducing overall mechanical complexity.

Technical Features

Available Configurations

- Nozzle type
- High steering type
- Contra-rotating type

Key Design Advantages	Direct Drive, Permanent Magnetic, Underwater Housing, Gearless Transmission

Performance Benefits

Operational Benefits

Reduced Fuel Consumption • Lower Emissions • Improved Hydrodynamic Performance • Increased Cargo Space

Rooms 05–15, 13A/F South Tower, World Finance Centre, Harbour City, 17 Canton Rd, Tsim Sha Tsui, Kowloon, Hong Kong