

Marine Bulkhead Transmission Device

This marine bulkhead transmission device facilitates the transfer of power through bulkheads, maintaining structural integrity and preventing leaks. It features precision-engineered gears and seals for efficient and reliable operation in demanding marine environments.



Overview

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The GCD type bulkhead transmission device is specifically engineered for use in hazardous marine environments, including vessels carrying chemicals, liquefied gas, and petroleum. It safely facilitates power transfer from motors located in the engine room to mechanical equipment such as liquid or ballast pumps situated in flammable or explosive zones. Designed for reliability, this device meets classification society requirements and features a simple, robust structure for consistent performance.

Technical Specifications

Performance Data

Model	Cooling Water (m³/h)	Allowable Torque (Nm)	Allowable Revolution (r/min)	Weight (kg)
GCD-30	1	72	3600	108
GCD-40	1	165	3600	110
GCD-50	1	360	3600	112
GCD-60	1	600	3600	114

Key Design Features

- Simple structural design
- Reliable power drive mechanism
- Compliant with classification society standards
- Engineered for explosive and flammable environments

Suitable Applications

Chemical Tankers, Liquefied Gas Carriers, Petroleum Tankers, Hazardous Areas