



ROTACAM

MANUAL QUICK CONNECT / DISCONNECT COUPLER

The **MIB ROTACAM** is a versatile non-adaptable **manually operated quick connect & disconnect coupler** to quickly and easily connect and disconnect a rigid marine arm or a flexible cargo hose to and from the manifold by on-site personnel.

Thanks to a special wrench, cams are turned to seal the coupler's body against the ship's manifold flange, avoiding the need to fit all the studs and bolts of a standard flange, so speeding the whole connection and disconnection procedure.

Available for ambient, low temperature and cryogenic service conditions it can be supplied in a variety of materials to suit the products being transferred.

The MIB ROTACAM couplers are a field-proven technology, being in service in hundreds of terminals world-wide for more than two decades. And they continue to demonstrate excellent performance.

General

MIB has been a major supplier of quick connect/disconnect couplers (QCDC) for many years and gained a considerable experience and expertise in this specialist field particularly based on the demanding safety regulations of the oil, gas and petrochemical industries.

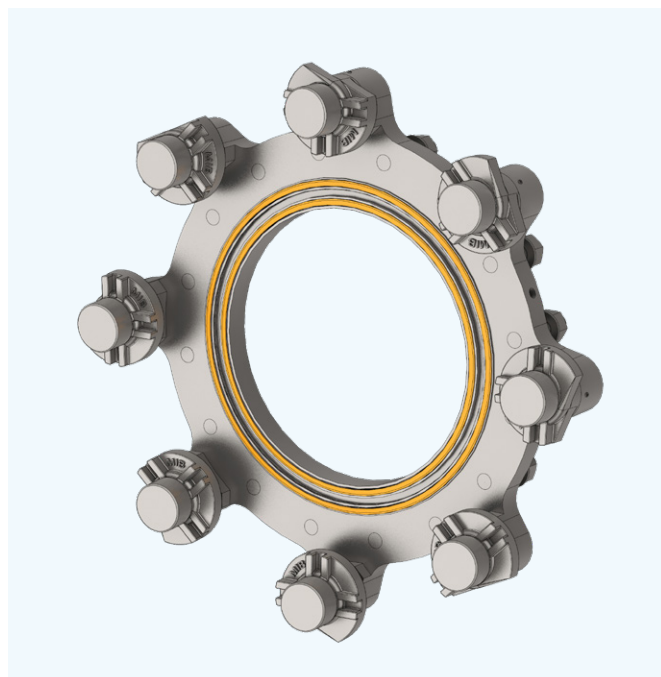
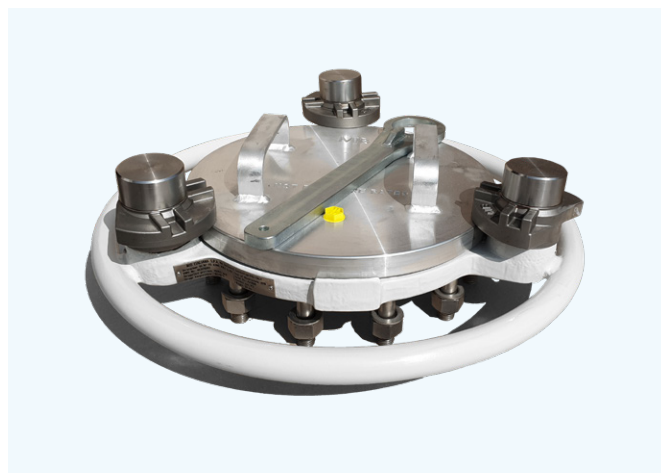
The Rotacam is a simple lightweight camlock coupler which provides a quick and efficient method for a leak-tight connection operation to a tanker manifold.

Key Features

- Fully compliant with the latest edition of the OCIMF.
- Can be supplied in various designs to suit the specific application such as weld end, studded, short spool, with or without protective cam-guard.
- If required ratchet type cam can be provided.
- Simple operated by a special wrench.
- Speed up the connection and disconnection procedure.

AVAILABILITY

Sizes:	3" to 20"
Pressure rating:	ASME B16.5 class 150, 300 DIN 2632 PN10, DIN 2633 PN16, DIN2634 PN25, DIN2635 PN40
Temperatures:	-196 °C to +85 °C
Fluids:	LNG, Ethylene, LPG, Crude Oil, Refined oils and Petrochemicals



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GENERAL DESCRIPTION and OPERATION

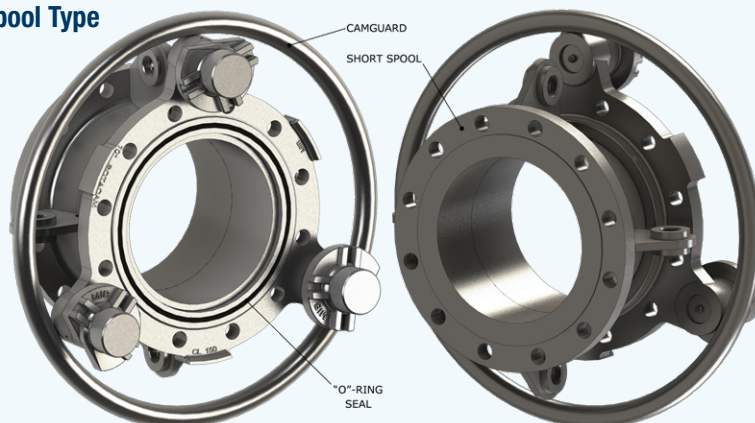
The "Rotacam" Coupler comprises a steel seal plate with integral cam retaining lugs. The face of the seal plate is machined to accept and retain a seal. The back of the seal plate terminates to suit the specified fixing.

The cams in their fully opened position are held in place by detents and act as flange guides. Each cam pin is fitted with a grease nipple for lubrication purposes.

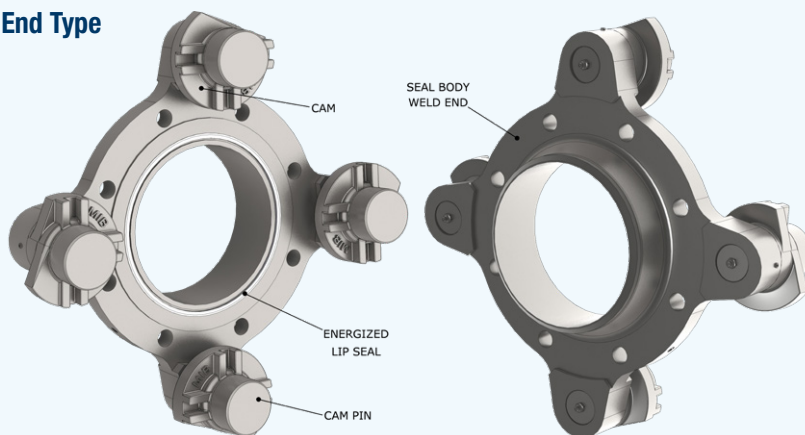
The helical cam design ensures a positive leak proof connection. The cam is locked and unlocked from the connection flange using the supplied cam wrench.

If it is required an additional cam security lock for special operational purposes, units incorporating ratchet-type cams can be provided. The mechanical lock inside each cam pin avoids a self-rotation of cam and prevents any spurious opening.

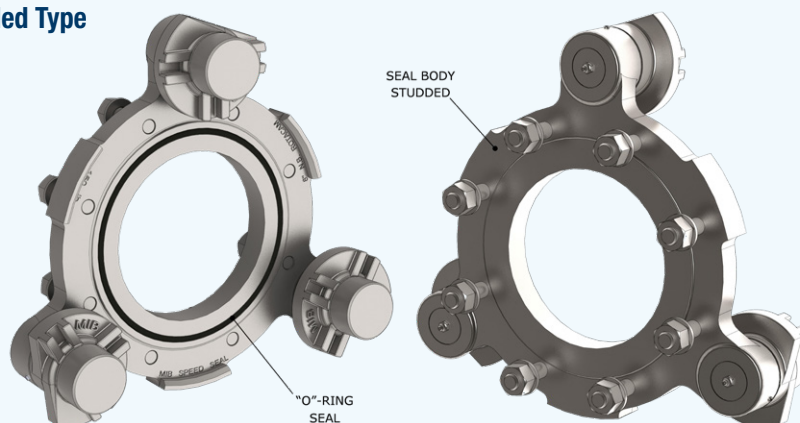
Short Spool Type



Weld-End Type



Studded Type



For further information contact:



Emergency Disconnect System
for the Oil & Gas & Petrochemical
Onshore & Offshore industries

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