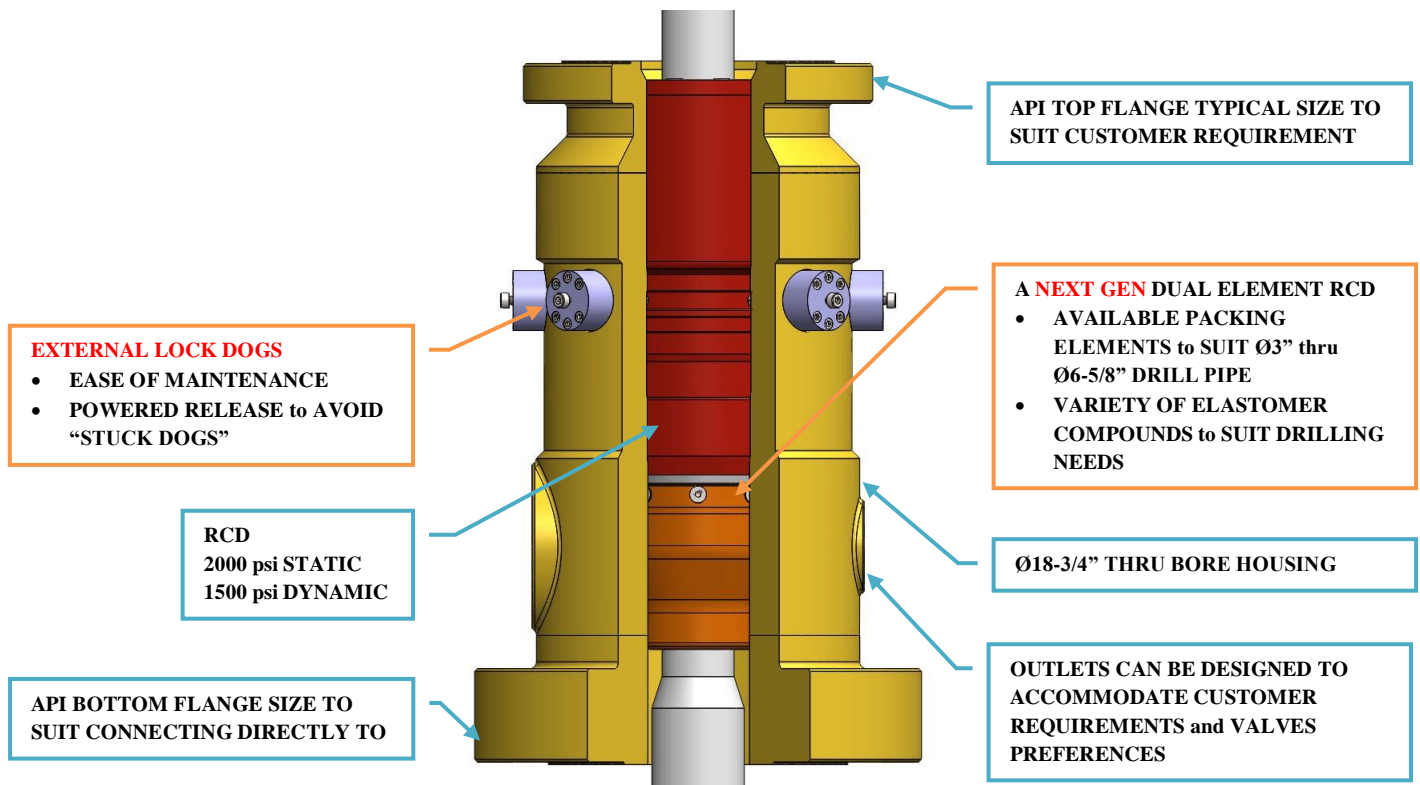




MANAGED PRESSURE DRILLING SURFACE STACK SOLUTION



SAFETY

- ✓ With its remote operation, minimum hands-on required for intervention.
- ✓ Real time monitoring of hydraulic functions and drilling parameters.
- ✓ Compact overall length makes for safer installation, moving on rig and handling between supply vessel and platform.
- ✓ All functions controlled from HMI panel.

ECONOMY

- ✓ Low maintenance bearing assembly can be replaced by rig mechanic if required.
- ✓ Extended life elastomer packing elements are straight forward for rig crew to replace in bearing assembly.

FLEXIBILITY

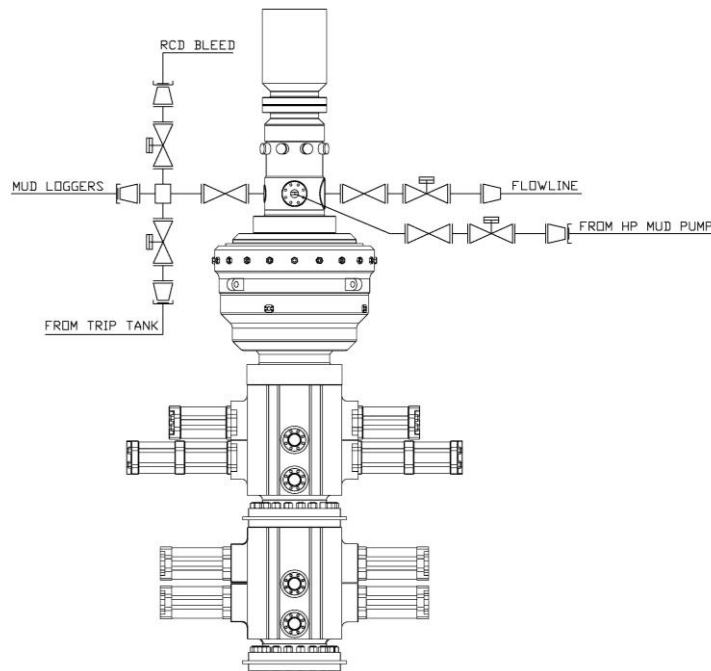
- ✓ Adaptable to any size annular for direct mounting.
- ✓ On a surface BOP uses all the remote control functions.
- ✓ Suitable for use with 18-3/4" and 13-5/8" BOP systems.

RELIABILITY

- ✓ State of the art bearing assembly designed for long life and reliable service.
- ✓ Packers are fabricated and available for all types of drilling fluids, extended life and reliability.
- ✓ Thanks to its robust and advanced design, reliability is greatly improved keeping NPT to a minimum.



MPD trendsetter™



Typical PMCD Installation

REGIONAL MARINE & ENGINEERING SERVICES PTE LTD

A Singapore based company involved with the offshore oil and gas industry for more than 20 years with a commitment to quality, API Q1:9th (Q1-1982) and ISO 9001:2008 (35110) accreditations. Building on its experience of supporting the petroleum business and after investigating future requirements for the industry a commitment was made to support the needs for advancing the technologies for Managed Pressure Drilling (MPD) operations.

The design process was started with no preconceived ideas for UBO/MPD. The basic philosophy of the design concept for the **RMES** team was to create a safe, easy to operate, reliable system, requiring a minimum number of spare parts, the least amount of maintenance while meeting the latest requirements of the numerous regulatory bodies. This includes collaboration with Singapore Universities, Government R&D agencies and specialized equipment manufacturers to give the customer the safest, most cost effective and efficient system on the market today.

RMES' progressive design and service support teams can adapt quickly to customers' needs. With the in house manufacturing and testing capabilities of the company any system modifications can be handled in a fast and efficient manner.

RELIABLE
METICULOUS
EXPERT
STURDY

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