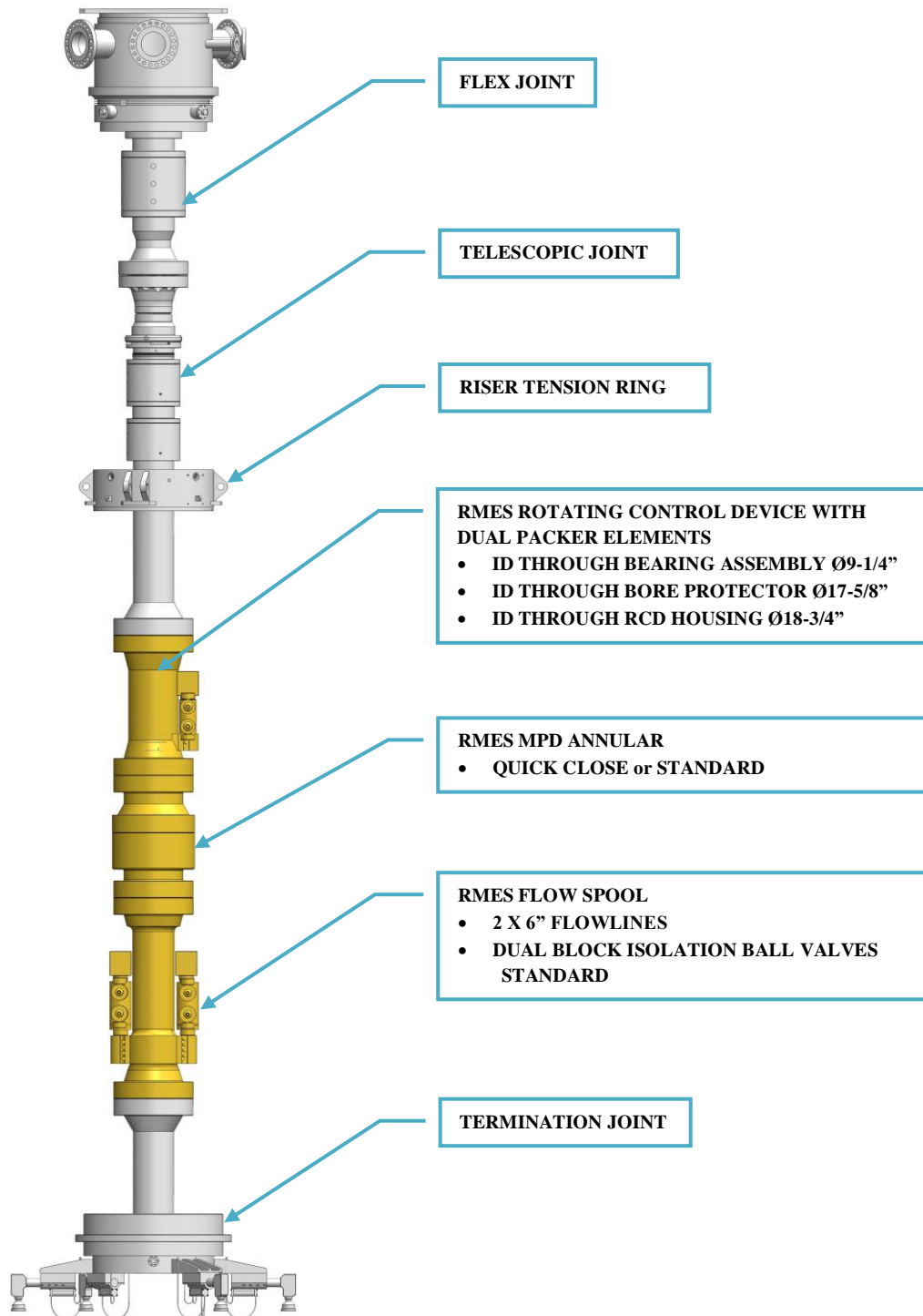




# MPD trendsetter™



## MANAGED PRESSURE DRILLING BELOW TENSION RING SOLUTION





## Advantages of a BTR System

- Ideal for deep water applications when used with termination joint. Can also be used with conventional telescopic joint or KT ring
- Suitable for anchored or DP semisubmersibles or drill ships
- No environmental limitations due to arrangement – full stroke telescopic joint installed
- RMES bearing locking assembly is external so easily accessible for maintenance
- Bearing assembly designed for long life and ease of maintenance. Can be maintained by rig crew.
- Due to simplified design minimum spare parts are required to be kept on the vessel
- Seat protector with  $\phi 17-5/8$ " through bore to protect housing seal surfaces
- RCD housing can be run in the riser string and normal drilling operations can proceed without bearing assembly in place.
- $\phi 18-3/4$ " full bore tooling will go through RCD housing
- Seat protector and bearing assembly land on internal upset to facilitate installation and cannot be dropped down hole.

## 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 Q1:9<sup>th</sup> (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.

**R**ELIABLE

**M**ETICULOUS

**E**XPERT

**S**TURDY

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