XDR™ Mud Valves

Extreme-service mud valves

HMH's XDR™ products offer an advanced and robust pressure control solution to the industry. Designed for use in extreme mud service, our XDR™ mud valves meet the most challenging environments in the modern oilfield.

Product description

Our XDR™ mud valves are designed for use in the toughest of environments that are demanded in deep well drilling applications. Among others, they are de- signed for use in the following applications:

- Standpipe manifolds
- High-pressure frac service
- High-pressure mud mixing lines
- High-pressure drilling system block valves
- Pump manifold block valves

The valves have a standard operating temperature range of -20° F to 250° F (-29° C to 121° C) with the availability of design options for further lower and higher temperature requirements.

The XDR™ mud valves are available in sizes ranging from 2 to 5 inch (50 mm to 130 mm) and pressures of 5 000 psi or 7 500 psi.

Benefits

- Metal to metal sealing between tungsten carbide coated gate and seats for harsh abrasive service
- Non-elastomeric seals withstand any chemical composition
- Optional Inconel 625 inlays in sealing areas extend service life
- Easy maintenance with top entry access without removing valve from the line
- Stem protector with clear indicator protects stem threads from debris, thus preventing downtime

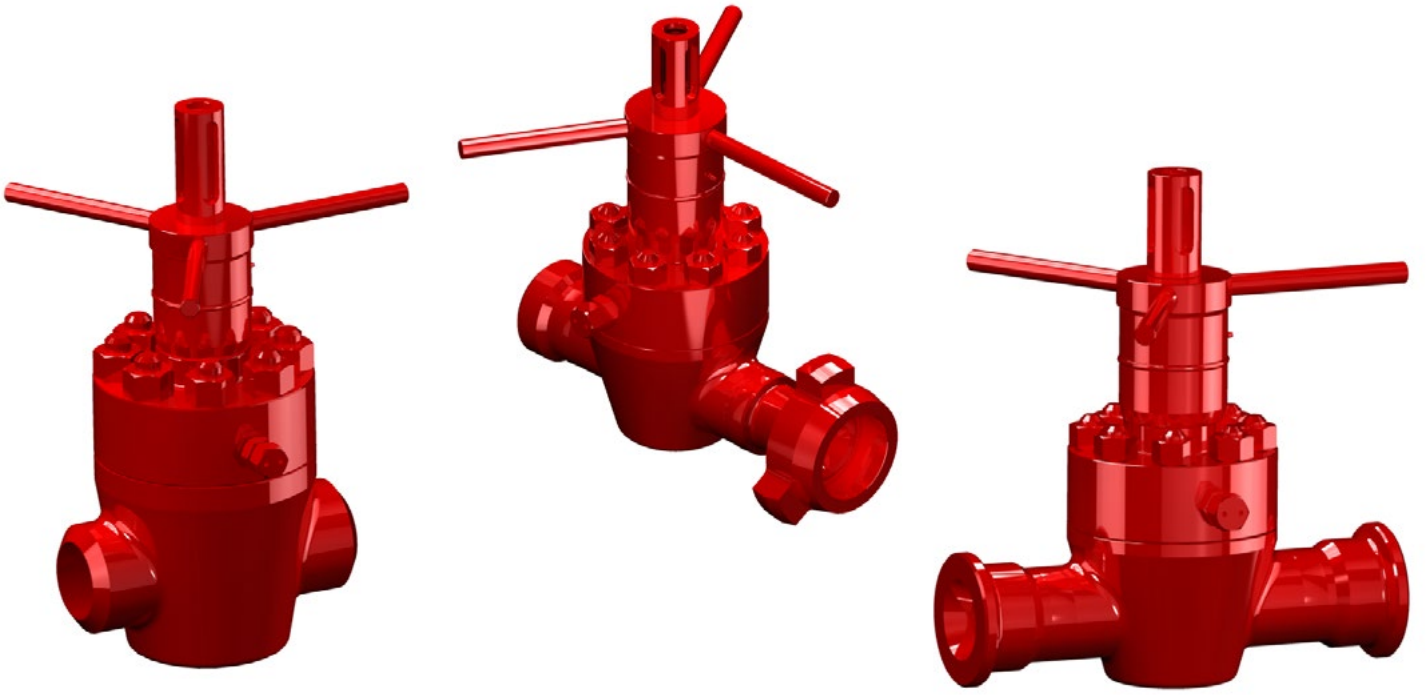
Key features

Depending on your project requirements, we offer various options of mud valve connection types:

- Buttweld ends
- Flanged connections
- Hub end connections
- Hammer union connections

The valve design is in accordance with the following:

- Standard NACE MR0175 (sour service)
- American Bureau of Shipping (ABS) requirements
- DNV requirements



Technical specifications

Trim	NACE MR0175 sour service
Body and bonnet	Low alloy steel with optional CRA inlay in sealing areas
Stem	Stainless steel
Gate	Tungsten carbide coated stainless steel
Seats	Tungsten carbide coated stainless steel
Seals	Immersion tested non-elastomeric materials
Available sizes	From 2 in to 5 in (25 mm – 130 mm)
Available pressure ranges	5 000 – 7 500 psi (345 – 517 bar)
Temperature range	-20 to 250° F/-29 to 121° C
Performance requirement	NACE MR0175 (sour service)
Compliance and certifications	DNVGL-OS-E101, NACE MR0175 Optional DNV or ABS certification

Data is subject to confirmation by the manufacturer.

For more information, contact marketing@hmhw.com | hmhw.com