



MUD PUMP VALVES & SEATS

Solid body with high capabilities

TECHNICAL DATA SHEET



Full Open Valve & Seat

- Very high tensile strength.
- Enhanced sealing capabilities.
- Improve shock absorption.
- Premature sealing failure prevent.

Description	Pressure Rate	Temperature Rate	Suitable Muds	API Size
Full Open Valve	7500 psi (seat)	180°F (Std Insert)	Water and synthetic- based	6-8.
Full Open Valve (Blue HT)	7500 psi (seat)	300°F (High Temp- insert)	Water and synthetic- based	



4 Web Valve & Seat

- Large metal-to-metal seat bearing area, longer wear life for metal wear areas.
- 4-Web Seat Design Maximizes Bearing Area and makes Seat Pulling easier.
- This stem-guided valve and seat assembly are weightless and provide a reasonable value at an economical price.

Description	Pressure Rate	Temperature Rate	Suitable Muds	API Size
4-Web Valve & Seat	7500 psi (seat) Best in low to medium pressures	160°F (Std Insert)	Water and synthetic- based	6-8.
4-Web Valve & Seat (HT)	7500 psi (seat) Best in low to medium pressures	200°F (High Temp- insert)	Water and synthetic- based	



3 Web Valve & Seat

- Large metal-to-metal seat bearing area, longer wear life for metal wear areas.
- 3-Web Seat Design Maximizes Bearing Area and makes Seat Pulling easier.
- Lightweight design for stable operation at high pump speeds

Description	Pressure Rate	Temperature Rate	Suitable Muds	API Size
3-Web Valve & Seat	7500 psi (seat) Best in low to medium pressures	160°F (Std Insert)	Water and synthetic- based	6-8.
3-Web Valve & Seat (HT)	7500 psi (seat) Best in low to medium pressures	200°F (High Temp- insert)	Water and synthetic- based	

Disclaimer: American mud pumps carry a wide variety of valves and seats, full open, full open HT, 3 Web CG, 3 Web CG HT, 4 Web CG and 4 Web CG HT. Some of our supported brands: NATIONAL, EMSCO, GARDNER DENVER, OILWELL, LEWCO, IDECO T, OPI, BOMCO, LS, IDECO MM, SKYTOP, BREWSTER, ELLIS WILLIAMS, WEATHERFORD, WILSON, WORKFORCE, GASO

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