

MUD PUMP ACCESSORIES CATALOG



Mud Pump Rubber Pistons, Polyurethane Bonded Pistons, Mud Pump Valves etc.

Mud Pump Accessories



Mud Pump Rubber Piston ▼

Manufactured from specially formulated compounds, featuring resistance to heat, oil, and water. Fully interchangeable with other API-standard pistons.

Features

- > Resistant to acid, alkali, and salt corrosion.
- \rightarrow Resistant to high and low temperatures (-40 °C to +170 °C).
- > Resistant to medium concentrations of hydrogen sulfide.
- > High wear resistance.
- > Suitable for ceramic and metal liners.

Suitable operating conditions

> Pump pressure < 35 MPa (5000 psi); temperature < 170 °C.

Available models (compatible piston cylinder dimensions):

- > Ø120, Ø130, Ø140, Ø150, Ø160, Ø170, Ø180, Ø190 (unit: mm)
- > Ø4", Ø4-1/2", Ø5", Ø5-1/2", Ø6", Ø6-1/4", Ø6-1/2", Ø6-3/4", Ø7", Ø7-1/2" (unit: inch)



Polyurethane Bonded Piston V

Significantly extends service life in triplex pumps with adequate water cooling. A harder and denser polyurethane structure delivers exceptional resistance to abrasive fluids, providing optimal service life under harsh drilling conditions.

Features

- > Resistant to acid, alkali, and salt corrosion.
- > Resistant to medium concentrations of hydrogen sulfide.
- > High wear resistance.

Suitable operating conditions

> Pump pressure ≤ 25 MPa (3625 psi); temperature range: -20 °C to 100 °C.

Available models (compatible piston cylinder dimensions):

- $, \varnothing 120, \varnothing 130, \varnothing 140, \varnothing 150, \varnothing 160, \varnothing 170, \varnothing 180, \varnothing 190 \text{ (unit: mm)} \\$
- → Ø4", Ø4-1/2", Ø5", Ø5-1/2", Ø6", Ø6-1/4", Ø6-1/2", Ø6-3/4", Ø7", Ø7-1/2" (unit: inch)

Mud Pump Accessories



Mud Pump Valves & Seats ▼

As part of our mud pump system solutions, they are used in various water, water-based, oil-based, and synthetic-based mud applications. Our mud pump valves and seats are made from premium polyurethane, delivering excellent chemical resistance, wear resistance, high-temperature tolerance, and superior sealing performance – making them an ideal choice for any drilling application.

Features

- > Manufactured from high-quality polyurethane material.
- Designed to withstand the most demanding drilling environments, with high pressure and high temperature resistance.
- > Excellent wear resistance, sealing surface integrity, combined with chemical-resistant polyurethane, ensure extended operational lifespan.
- > Fully interchangeable with other major industry-standard brands, offering superior compatibility and versatility.

Available models:

> API-6# and API-7#.

Applications & Others ▼











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