

Downhole Rod Pumps

Precision Equipment for Demanding Rod Lift Applications

Consistent production depends on equipment that performs predictably under real well conditions. Our Rod Pumps are designed to deliver **longer run life, improved pumping efficiency, and lower total cost of ownership**—even in challenging environments.

Manufactured to exceed **API 11AX and API Q1 requirements**, our pumps are built with precision, material discipline, and application specific flexibility—backed by decades of downhole experience.

Performance You Can Count On

Every component is engineered with one outcome in mind—to **maximize production while minimizing downtime**.

What operators gain:

- + Increased pump efficiency and fluid lift
- + Reduced workovers and non-productive time
- + Improved reliability in abrasive, corrosive, and gassy wells
- + Confidence in sustained performance across the well life

With over **1,200 configurable component options**, each pump can be matched precisely to well conditions—ensuring performance is designed in, not just hoped for.

Designed to Perform in the Field

Our Rod Pumps combine proven design with material and configuration flexibility to address the most common causes of pump failure.

Key design advantages:

- » Multiple cage configurations to match flow and lift requirements
- » Precision-matched barrels and plungers for optimal sealing
- » Advanced metallurgy and coatings to combat wear and corrosion
- » Broad selection of ball and seat materials to reduce leakage and extend run life

The result: **stable pump fillage, reduced wear, and longer operating cycles**.



Precision engineering. Proven materials. Dependable results.

BARRELS

- **Materials:** Carbon Steel, Alloy, Brass
- **IDs:** 1 1/4" to 3 3/4"
- **Lengths:** 6' to 36'

CAGES

- **Materials:** Carbon Steel, Brass, Stainless Steel, Alloy Steel, Cupronickel
- **Sizes:** 1 1/4" to 3 3/4"
- **Options:** Full open, reduced lift, high flow top open

PLUNGERS

- Spray metal or nickel plated finishes
- Friction welded Monel pins

HOLD-DOWN ASSEMBLIES

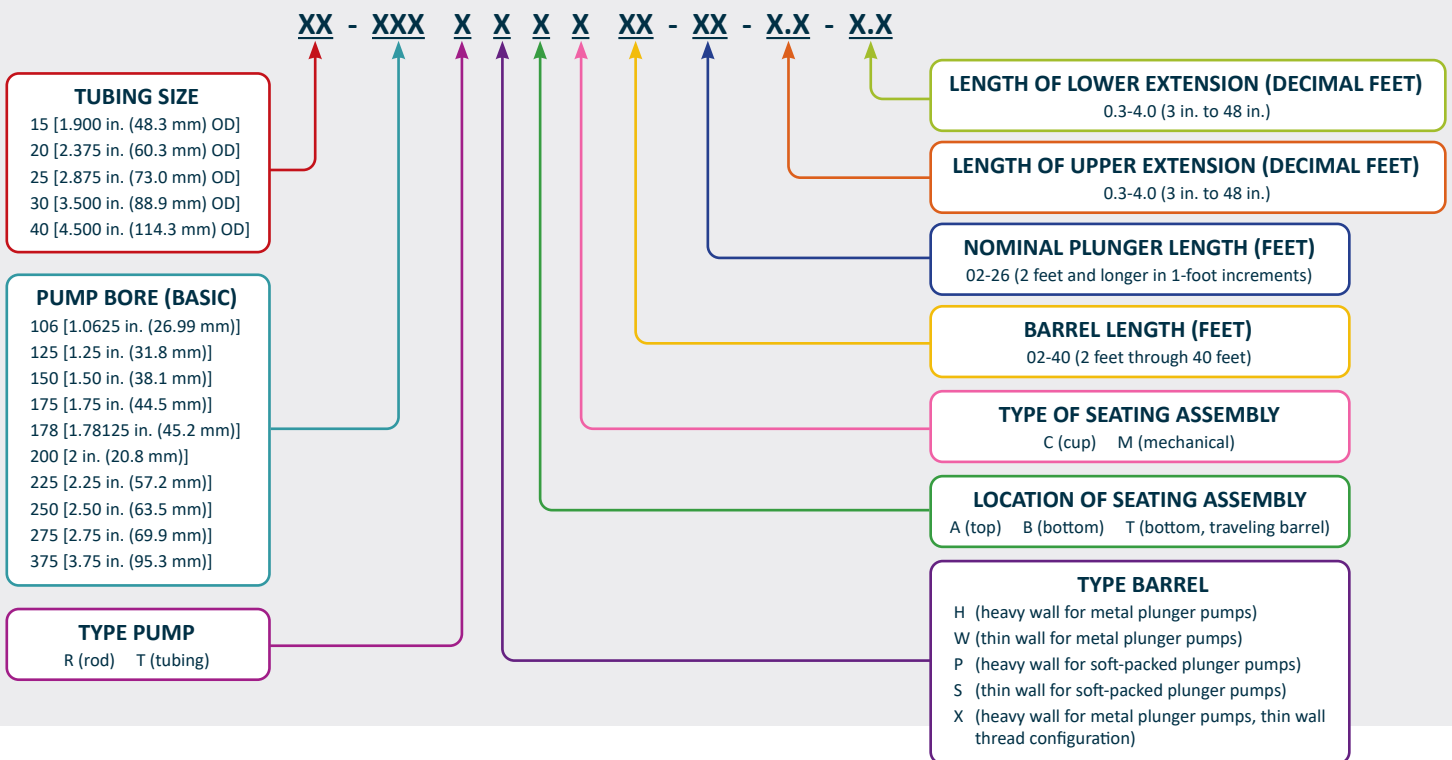
- **Materials:** Carbon Steel, Brass, Stainless Steel, Alloy Steel, Cupronickel
- **Sizes:** 2 1/16" to 5 1/2"

BALL & SEAT OPTIONS

- Stainless Steel
- Cobalt Alloy
- Tungsten Carbide
- Nickel Carbide
- Titanium Carbide
- Silicon Nitride
- Wearalloy®

PUMP ACCESSORIES

Stabilizer Bars | Tubing Drains | Automatic Top Seals
On/Off Tools | Shear Couplings | Strainers | Wipers and more



Manufacturing Strength You Can Rely On

Our Rod Pumps are supported by **two major downhole pump manufacturers** with:

- » 25+ years of industry experience
- » 420,000+ sq. ft. of combined manufacturing capacity
- » Proven processes focused on consistency, quality, and delivery

You benefit from reliable supply, repeatable quality, and equipment designed for long-term field performance.

The Bottom Line

Our Rod Pumps aren't built just to meet specifications—they're built to **perform consistently in the field**, reduce intervention costs, and support reliable production over the life of the well.