



Artificial Lift Services

www.Q2als.com

Q2-Balanced Pressure Pump (Tapered Barrel)

Description

The Q2 Balanced Pressure Pump is a tapered barrel pump which balances the pressure below and above the plunger near the top of the upstroke of the sucker rod pump. The design feature eliminates the need for the plunger to compress the fluid-gas mixture during the downstroke which yields several benefits. It is available in an RH pump configuration in several materials and coatings.

The actual tapered part of the BPP is only 9' long and is installed above the standard RH barrel and below the standard RH upper extension. Therefore, it becomes the upper part of the RH barrel, and the stroke-through feature of the RH pump is maintained with the use of the standard upper extension.

Features: & Benefits

- Available in:
 - Brass or alloy steel with nickel carbide coating on all surfaces
 - Alloy steel, boronized inside diameter
- Precision honed, optimized taper for success with a wide variety of fluid viscosities
- Standard RH pump threaded connections
- Sizes: 1-1/4", 1-1/2", 1-3/4", 2-1/4"
- Pressure balance near top of stroke
 - Raises MPRL for longer rod life
 - Eliminates fluid and gas pound
 - Eliminates gas lock
 - Reduces downstroke sucker rod compression
 - Reduces bowing of valve rod and sucker rods on downstroke, extending rod and tubing life

