

## BICO DOUBLE ACTING HYDRAULIC MECHANICAL JAR

### Features

- Bidirectional Drilling Jar
- Variable Time Delivered Impact Force Hydraulically Controlled in Both Directions
- Locking mechanism: Integral Adjustable Mechanical Lock/Latch System
- Hydrostatically Balanced
- Large Bore: ID 2 ¼"
- Reliable: High Yield Material Construction and Quality Seals Design
- Safety clamp is not required when configured as a double-acting hydraulic-mechanical jar
- Adjustable Latch Settings
- Patented spline design geometry and shortened stroke lengths to enhance hydraulic oil transfer and operational performance of the jar

### Jar Specifications

O.D.	5.25 in (133 mm)
I.D.	2.25 in (57mm)
Max Recommended Hole Diameter	10.5 in (267 mm)
Fish Neck Lengths	24 in (610 mm)
Free Stroke Up	8 in (203 mm)
Free Stroke Down	6.5 in (165 mm)
Latch Settings Up (Standard)	44000 lbf (19600 daN)
Latch Settings Down (Standard)	16000 lbf (7100 daN)
Max Load During Hydraulic Delay	84000 lbf (37300 daN)
Max Tensile Load After Jarring	362000 lbf (161000 daN)
Torsional Yield	11500 lbf x ft (15500 N x m)
Pump Open Area	7.07 in <sup>2</sup> (4560 mm <sup>2</sup> )
Maximum Hydrostatic	30000 lb/in <sup>2</sup> (206 N/mm <sup>2</sup> )
Length	27.4 ft (8.4 m)
Approx. Weight	1680 lbs (762 kg)
Operating Temp	250 F° (120 C°)

