

## National, J-30-H (30T-2H), Triplex, Plunger Pump

### Pumps in this series

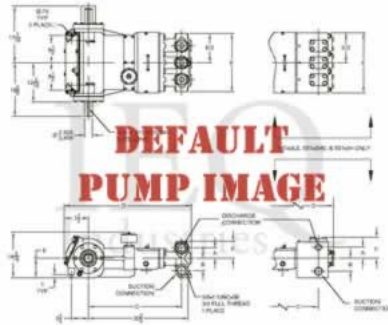
[J-30-H \(30T-2H\)](#)

[J-30-L \(30T-2L\)](#)

- 30 horsepower 2 1/4" stroke horizontal triplex single acting plunger pump
- Available in nickel-aluminum-bronze fluid end material
- Pump speeds up to 500 RPM
- Three accessory gear reduction unit ratios

### Specs

Spec	U.S. Standard
Type:	triplex
Minimum Plunger Diameter:	
Maximum Plunger Diameter:	
Stroke length:	
Maximum Working Pressure:	5,000 PSI
Rod/Piston Load:	lb
Gallons per Minute:	22.95
Barrels per Day:	787
Brake Horse Power:	30.0



### Pump Curves

Hover over Power Curves to reveal RPM and GPM



### Performance Data Table

Pump	English Units					50 RPM	
	Plunger Dia. In.	Plunger Area Sq. In.	BPD per RPM	GPM per RPM	Max Press. PSI	BPD	GPM
J-30-H 30T-2H						N/A	N/A

### Features/Benefits

#### Power End Features

- Cast iron power frame
- Heavy-duty, tapered roller crankshaft bearings
- Precision type, aluminum alloy crankpin bearings
- Aluminum connecting rods
- Alloy steel crosshead pins
- Alloy steel crankshaft with ground journals & polished throws
- Bronze bearing crosshead pin bushings

- Cast iron crossheads with upper/lower oil grooves
- Stainless Steel intermediate rods
- Flooded sump, splash distribution lubrication
- Rated rod load is 3565 lbs.

#### Fluid End Features

- Threaded type valve covers
- 17-4 Stainless Steel removable stuffing boxes and nuts
- Plungers-Solid Ceramic or Tungsten Carbide Coated
- General Service, Molded Lip or Aramid Fiber plunger packing
- Mission Spherical suction and discharge valves
- Valve Seat & Valve Body: Nitronic 50
- Spring: Inconel
- Cage: 316L Stainless Steel
- Severe duty valves with inserts available

#### Disclaimer I

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