

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

Pumps in this series

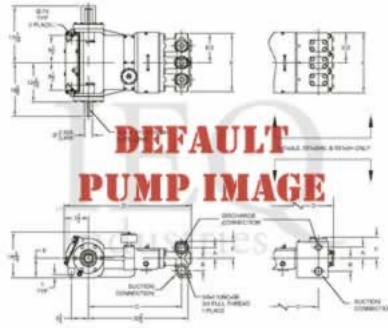
[J-30-H \(30T-2H\)](#)

[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

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