

W G, 80T-3H, Triplex, Plunger Pump

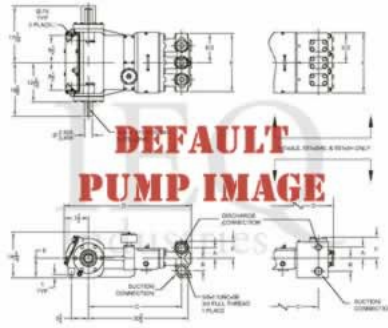
Pumps in this series

- [80T-3H](#)
- [80T-3L](#)
- [80T-3M](#)

- 80 horsepower 3" stroke horizontal triplex single acting plunger pump
- Available in nickel-aluminum-bronze fluid end material
- Pump speeds up to 500 RPM
- Four accessory gear reduction unit ratios

Specs

Spec	U.S. Standard
Type:	triplex
Minimum Plunger Diameter:	
Maximum Plunger Diameter:	
Stroke length:	
Maximum Working Pressure:	5,161 PSI
Rod/Piston Load:	lb
Gallons per Minute:	29.0
Barrels per Day:	994
Brake Horse Power:	80.0



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
80T-3H						N/A	N/A

Features/Benefits

Power End Features:

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

- Cast iron crossheads with upper/lower oil grooves
- Replaceable Stainless Steel intermediate rods
- Flooded sump, splash distribution lubrication
- Rated rod load is 6336 lbs

Fluid End Features:

- 17-4 Stainless Steel or Nickel Aluminum Bronze Steel stuffing boxes (Includes nuts)
- Plungers-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
- Severe duty valves with inserts available

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