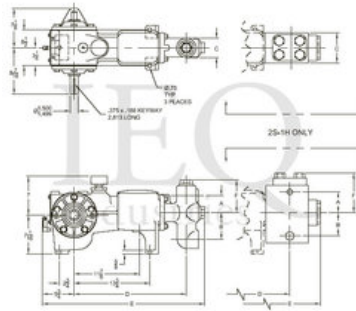


Wheatley, P50-H (5S-2H), Simplex, Plunger Pump

- 5 horsepower 2.188" stroke horizontal simplex single acting plunger pump
- Available in four different fluid end materials
- Pump speeds up to 350 RPM

Specs

Spec	U.S. Standard
Type:	simplex
Minimum Plunger Diameter:	3/4"
Maximum Plunger Diameter:	1"
Stroke length:	2 3/16"
Maximum Working Pressure:	4,595 PSI
Rod/Piston Load:	2030lb
Gallons per Minute:	2.6
Barrels per Day:	89
Brake Horse Power:	5.5



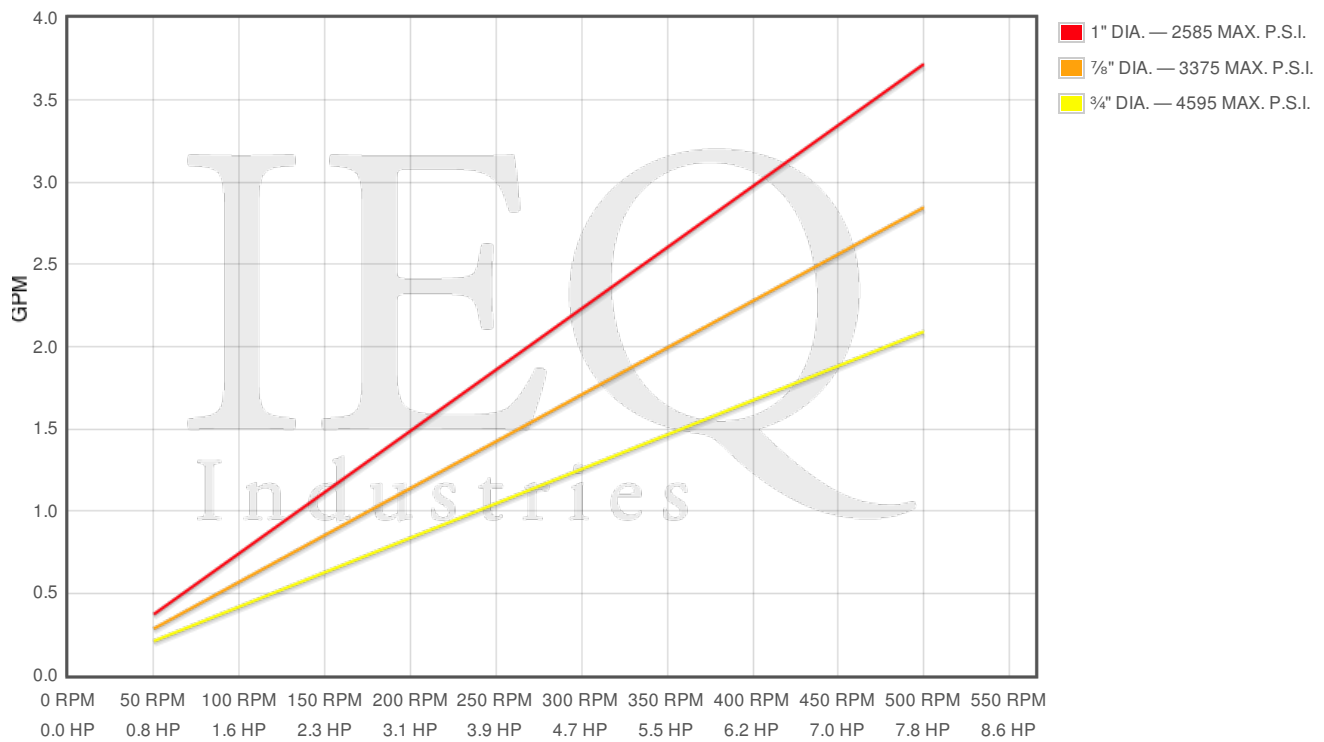
Features/Benefits

Power End Features:

- Cast iron power frame
- Alloy steel crosshead pins
- Heavy-duty roller crankshaft bearings
- Precision type, aluminum alloy crankpin bearings
- Cast iron connecting rods
- Ductile Iron crankshaft with ground journals & polished throws
- Bronze bearing crosshead pin bushings
- Cast iron crossheads with upper/lower oil grooves
- One piece plungers
- Flooded sump, splash distribution lubrication
- Rated rod load is 2030 lbs

Fluid End Features:

- Bolted Covers forged Liquid Ends
- Threaded type glands & integral stuffing boxes
- Bronze stuffing box bushings and packing followers
- Optional flanged connections available
- Abrasion Resistant Valves
- Plungers - Solid Ceramic, or Tungsten Coated
- Spring loaded Plunger Packing



Pump	English Units					50 RPM		200 RPM		350 RPM		500 RPM	
	Plunger Dia. In.	Plunger Area Sq. In.	BPD per RPM	GPM per RPM	Max Press. PSI	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM
P50-H	1.000	0.7854	0.255	0.0074	2585	12.75	0.372	51.0	1.487	89.25	2.603	127.5	3.719
5S-	0.875	0.6013	0.195	0.0057	3376	9.762	0.285	39.05	1.139	68.33	1.993	97.62	2.847
2H	0.750	0.4418	0.143	0.0042	4595	7.172	0.209	28.69	0.837	50.2	1.464	71.72	2.092

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