NEW, USED, AND REFURBISHED PUMPS AND PARTS

WHEATLEYGASO.COM

GASO DUPLEX, GASO TRIPLEX AND GASO QUINTUPLEX PLUNGER AND PISTON PUMPS BY WHEATLEY AND GASO PUMP

IEQ Industries Ltd
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Wheatley, P50-A (5S-2M), Simplex, Plunger Pump

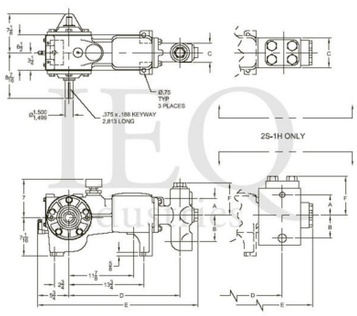
Pumps in this series

P50-A (5S-2M)
P50-ALS (5S-2L)
P50-B (2S-1M)
P50-BH (2S-1H)
P50-BLS (2S-1L)
P50-H (5S-2H)

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

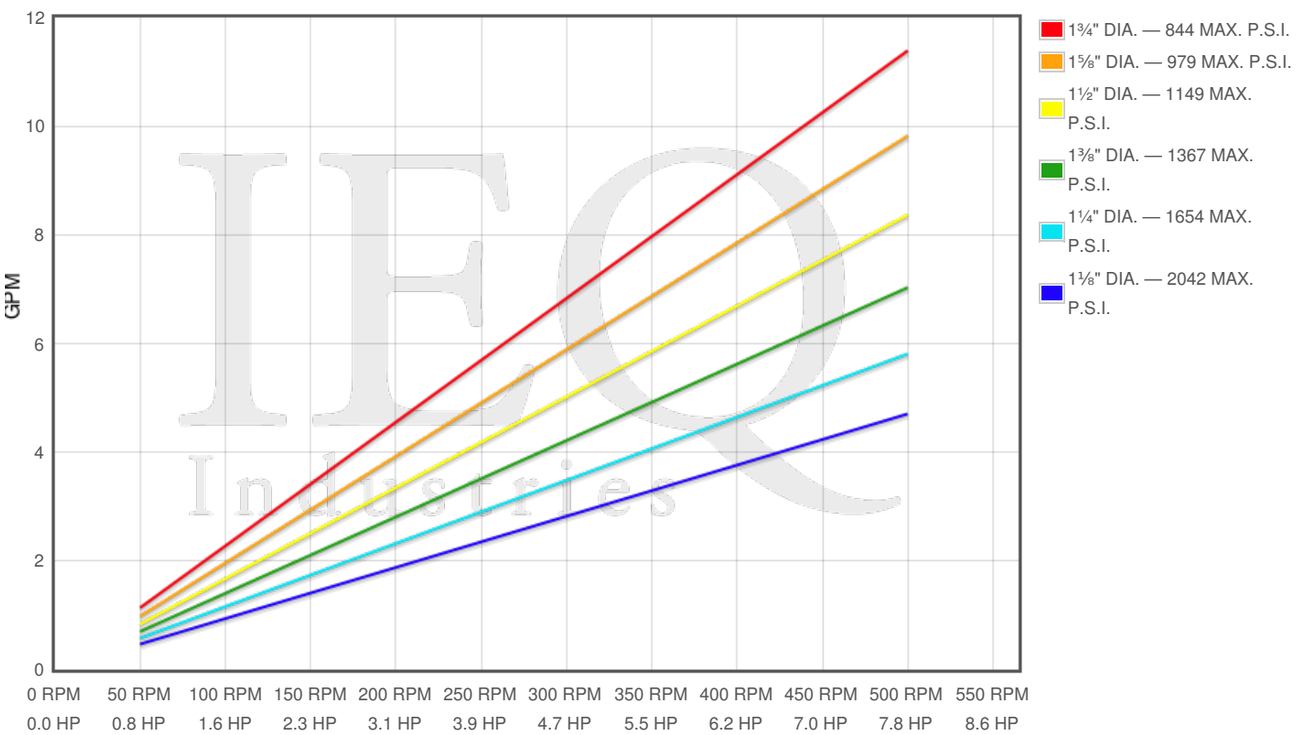
Specs

Spec	U.S. Standard
Type:	simplex
Minimum Plunger Diameter:	1⅛"
Maximum Plunger Diameter:	1¾"
Stroke length:	2 3/16"
Maximum Working Pressure:	2,042 PSI
Rod/Piston Load:	2030lb
Gallons per Minute:	7.97
Barrels per Day:	273
Brake Horse Power:	5.4



Pump Curves

Hover over Power Curves to reveal RPM and GPM



Performance Data Table

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-A 5S-2M	1.750	2.4053	0.781	0.0228	844	39	1	156	5	273	8	390	11
	1.625	2.0739	0.673	0.0196	979	34	1	135	4	236	7	337	10
	1.500	1.7671	0.574	0.0167	1149	29	1	115	3	201	6	287	8
	1.375	1.4849	0.482	0.0141	1367	24	1	96	3	169	5	241	7
	1.250	1.2272	0.398	0.0116	1654	20	1	80	2	139	4	199	6
	1.125	0.9940	0.323	0.0094	2042	16	0	65	2	113	3	161	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 PackingÃ‚Â

Disclaimer I

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