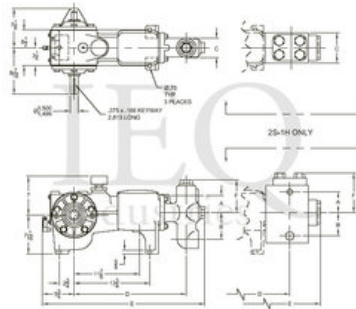


Wheatley, P50-BLS (2S-1L), Simplex, Plunger Pump

- 2 ½ horsepower 1" 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:	1½"
Maximum Plunger Diameter:	2"
Stroke length:	1"
Maximum Working Pressure:	1,149 PSI
Rod/Piston Load:	2030lb
Gallons per Minute:	4.8
Barrels per Day:	165
Brake Horse Power:	2.5



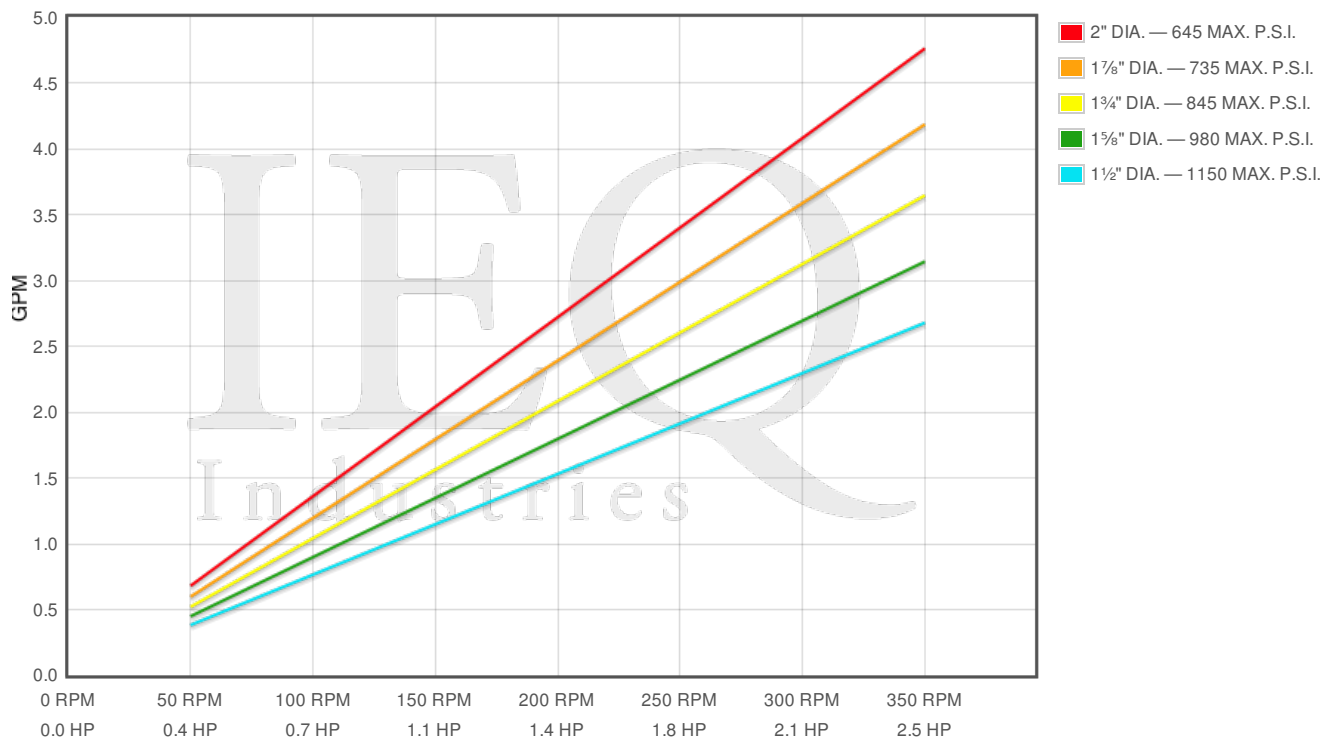
Features/Benefits

Power End Features

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

Fluid End Features

- Threaded valve covers
- Bolted valve covers on PSTL and forged fluid ends
- Threaded type glands & integral stuffing boxes
- Bronze stuffing box bushings and packing followers
- Plungers - solid ceramic, or tungsten coated
- General service plunger packing
- Spherical suction and discharge valves
- Valve seat & valve body: Nitronic 50
- Spring: inconel
- Cage: 316L Stainless Steel
- Cage: 316L Stainless Steel
- Threaded suction and discharge connections



Pump	English Units					50 RPM		150 RPM		250 RPM		350 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-BLS 2S-1L	2.000	3.1416	0.466	0.0136	646	23.31	0.68	69.94	2.04	116.6	3.4	163.2	4.76
	1.875	2.7612	0.410	0.0120	735	20.49	0.598	61.47	1.793	102.5	2.988	143.4	4.184
	1.750	2.4053	0.357	0.0104	844	17.85	0.521	53.55	1.562	89.25	2.603	124.9	3.644
	1.625	2.0739	0.308	0.0090	979	15.39	0.449	46.17	1.347	76.96	2.245	107.7	3.142
	1.500	1.7671	0.262	0.0076	1149	13.11	0.382	39.34	1.147	65.57	1.912	91.8	2.677

Disclaimer I

This website is intended as a reference tool only. It has been constructed from published data that is based on manufacturer's sales and engineering documents that are either current, historical and obsolete. Much of the machinery data contained herein has been re-rated through the years with different engineering criteria which maybe in conflict with legacy data. Much of the content published here is calculated online with the use of dynamic data using formulas and extrapolations considered to be sound engineering formulas and are correct to the degree that the data used is accurate. We have done our best to be as precise as as possible in this posting but do not represent any of the calculations or performance data to be entirely accurate. The data published here is intended to be general information rather than actual and to serve as a reference rather than a technical absolute. The user of such data should confirm such information independently.

Copyright and Disclaimers

WheatleyGas.com is your resource for Gaso pumps, Gaso pump parts and a supplier of ORIGINAL GASO PARTS and equipment, new used and remanufactured Wheatley, GASO and Wheatley/GASO plunger and piston pumps and pump parts and is not affiliated with Wheatley/GASO Inc. or its parent company, National Oilwell Varco, Copyright ©2015, IEQ Industries LTD. All rights reserved, *Used under license from Intellectual Property Management Services, LLC