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
PO Box 230097
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Wheatley, HP600-H (543Q-7H), Quintuplex, Plunger Pump

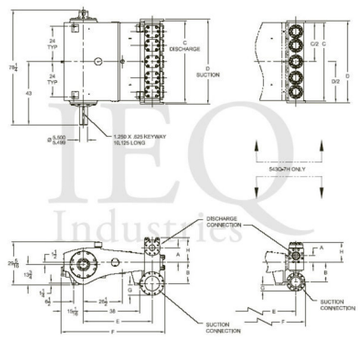
Pumps in this series

HP600-AL (543Q-7L)
HP600-AM (543Q-7M)
HP600-H (543Q-7H)
HP600-XL (543Q-7XL)

- 543 horsepower 7 1/8" stroke horizontal quintuplex single acting plunger pump
- Available in two fluid end materials
- Pump speeds up to 280 RPMÃ‚Â Ã‚Â

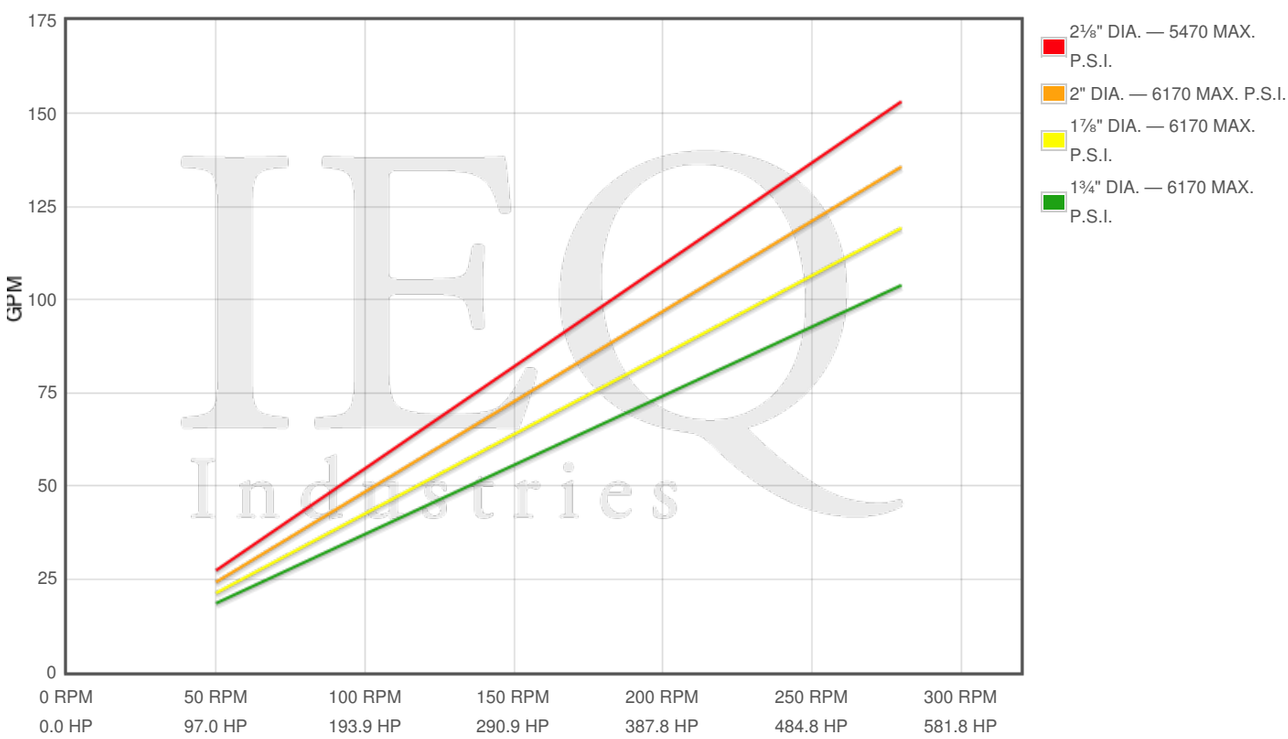
Specs

Spec	U.S. Standard
Type:	quintuplex
Minimum Plunger Diameter:	1¾"
Maximum Plunger Diameter:	2⅛"
Stroke length:	7⅛"
Maximum Working Pressure:	6,170 PSI
Rod/Piston Load:	19400lb
Gallons per Minute:	153.1
Barrels per Day:	5249
Brake Horse Power:	543.0



Pump Curves

Hover over Power Curves to reveal RPM and GPM



Performance Data Table

Pump	English Units					50 RPM		150 RPM		250 RPM		280 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
HP600-H 543Q-7H	2.125	3.5466	18.753	0.5470	5470	938	27	2813	82	4688	137	5251	153
	2.000	3.1416	16.611	0.4845	6170	831	24	2492	73	4153	121	4651	136
	1.875	2.7612	14.600	0.4258	6170	730	21	2190	64	3650	106	4088	119
	1.750	2.4053	12.718	0.3709	6170	636	19	1908	56	3180	93	3561	104

Features/Benefits

- Cast iron power frame
- Ductile Iron crankshaft
- Heavy-duty, tapered roller crankshaft bearings
- Precision type, aluminum alloy crankpin bearings
- Ductile iron connecting rods

- Roller Type Center Main Bearings
- Alloy steel crosshead pins
- Bronze bearing crosshead pin bushings
- Cast iron crossheads with upper/lower oil grooves
- Stainless steel extension rods
- Internal pressure lubrication
- Rated rod load is 19400 lbs.
- Bolted Type Valve Covers
- Removable Stuffing Boxes & Glands
- Plungers - Solid Ceramic, or Tungsten coatedÃ‚Â Ã‚Â

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.

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