

Wheatley, HP125-MS (110Q-3MS), Quintuplex, Plunger Pump

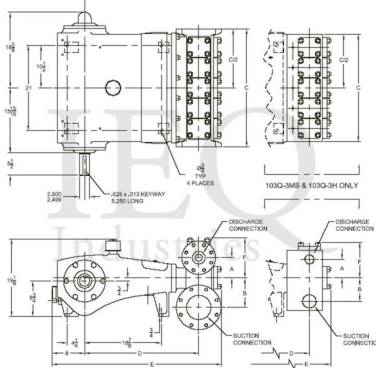
Pumps in this series

- [HP125-AL \(110Q-3L\)](#)
- [HP125-AM \(110Q-3M\)](#)
- [HP125-H \(110Q-H\)](#)
- [HP125-M](#)
- [HP125-MS \(110Q-3MS\)](#)

- 110 horsepower 3 1/2" stroke horizontal quintuplex single acting plunger pump
- Available in four fluid end materials
- Pump speeds up to 540 RPM
- Multiple accessory gear reduction unit ratios

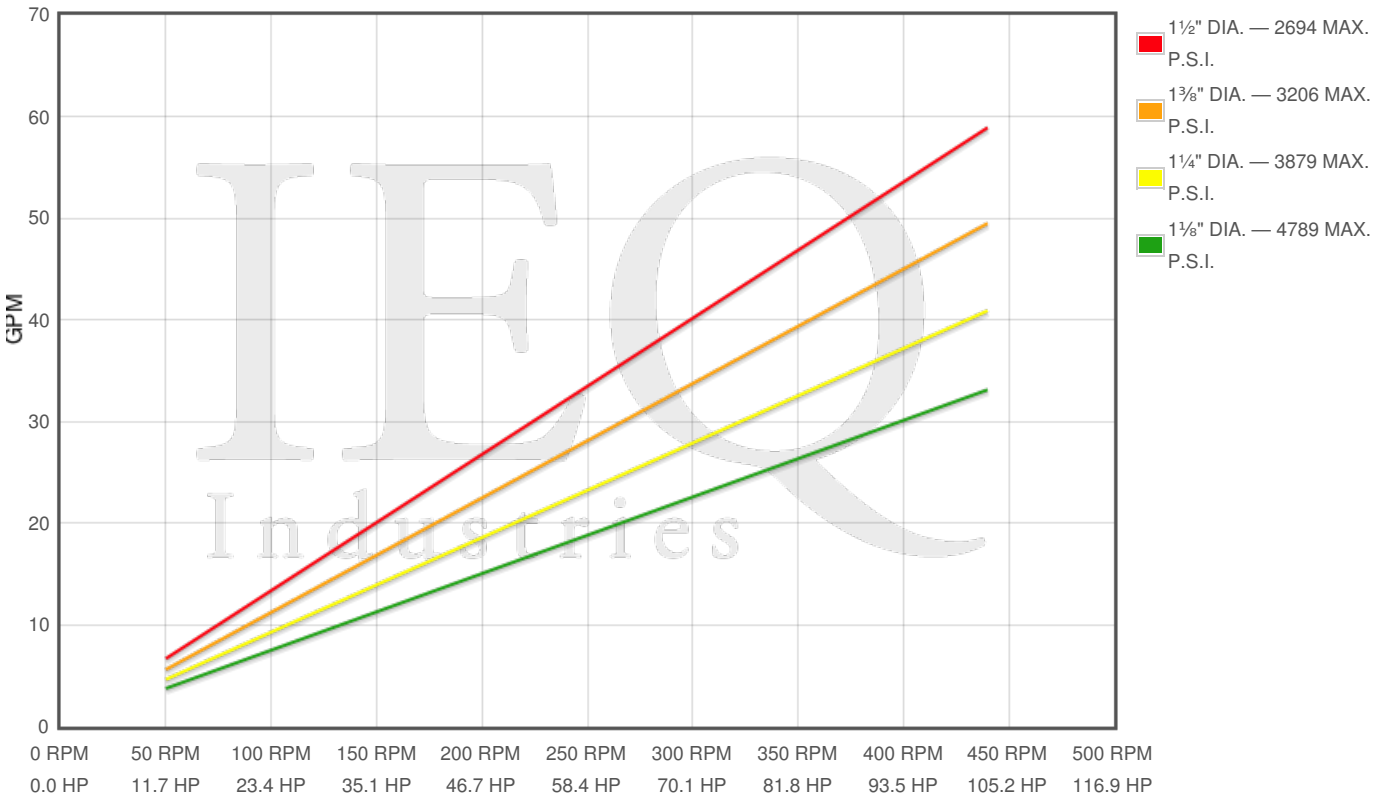
Specs

Spec	U.S. Standard
Type:	quintuplex
Minimum Plunger Diameter:	1 1/8"
Maximum Plunger Diameter:	1 1/2"
Stroke length:	3 1/2"
Maximum Working Pressure:	4,789 PSI
Rod/Piston Load:	4760lb
Gallons per Minute:	58.9
Barrels per Day:	2019
Brake Horse Power:	110.0



Pump Curves

Hover over Power Curves to reveal RPM and GPM



Performance Data Table

Pump	English Units					50 RPM		150 RPM		250 RPM		350 RPM		440 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	BPD	GPM
HP125-MS 110Q-3MS	1.500	1.7671	4.590	0.1339	2694	229	7	688	20	1148	33	1607	47	2020	59
	1.375	1.4849	3.857	0.1125	3206	193	6	579	17	964	28	1350	39	1697	49
	1.250	1.2272	3.187	0.0930	3879	159	5	478	14	797	23	1116	33	1403	41
	1.125	0.9940	2.582	0.0753	4789	129	4	387	11	645	19	904	26	1136	33

Features/Benefits

- Cast iron power frame
- Ductile Iron Crankshaft
- Heavy-duty, tapered roller crankshaft bearings

- Precision type, aluminum alloy crankpin bearings
- Cast iron crossheads with upper/lower oil grooves
- Internal pressure lubrication
- Ductile iron connecting rods
- Alloy steel crosshead pins
- Bronze bearing crosshead pin bushings
- Rated rod load is 5090 lbs.
- Plungers - Solid Ceramic, or Tungsten coated

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