

Wheatley, Q3115-AM (103Q-3M), Quintuplex, Plunger Pump

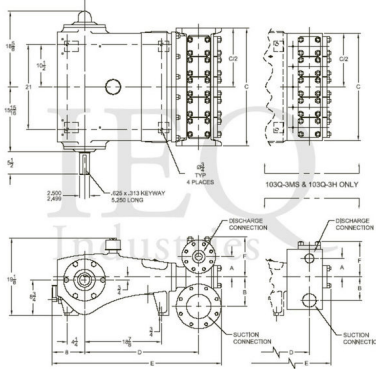
Pumps in this series

- [Q3115-AL \(103Q-3L\)](#)
- [Q3115-AM \(103Q-3M\)](#)
- [Q3115-H \(103Q-3H\)](#)
- [Q3115-MS \(103Q-3MS\)](#)

- 103 horsepower 3 1/2" stroke horizontal quintuplex single acting plunger pump
- Available in four fluid end materials
- Pump speeds up to 435 RPM
- Four accessory gear reduction unit ratios

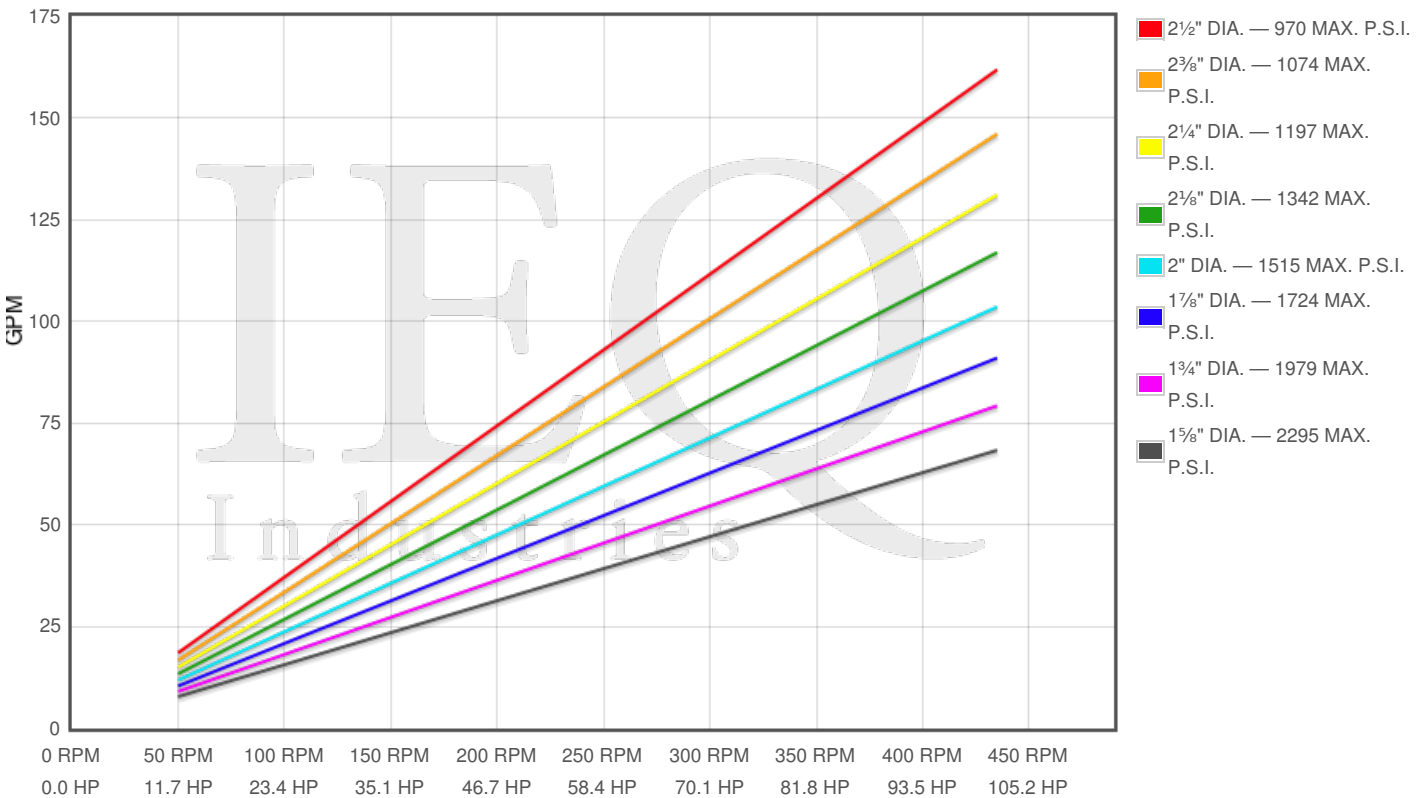
Specs

Spec	U.S. Standard
Type:	quintuplex
Minimum Plunger Diameter:	1 5/8"
Maximum Plunger Diameter:	2 1/2"
Stroke length:	3 1/2"
Maximum Working Pressure:	2,295 PSI
Rod/Piston Load:	4760lb
Gallons per Minute:	161.8
Barrels per Day:	5547
Brake Horse Power:	102.0



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		435 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
Q3115-AM 103Q-3M	2.500	4.9087	12.750	0.3719	970	637	19	1913	56	3188	93	4463	130	5546	162
	2.375	4.4301	11.507	0.3356	1074	575	17	1726	50	2877	84	4027	117	5006	146
	2.250	3.9761	10.327	0.3012	1197	516	15	1549	45	2582	75	3615	105	4493	131
	2.125	3.5466	9.212	0.2687	1342	461	13	1382	40	2303	67	3224	94	4007	117
	2.000	3.1416	8.160	0.2380	1515	408	12	1224	36	2040	59	2856	83	3550	104
	1.875	2.7612	7.172	0.2092	1724	359	10	1076	31	1793	52	2510	73	3120	91
	1.750	2.4053	6.247	0.1822	1979	312	9	937	27	1562	46	2187	64	2718	79
	1.625	2.0739	5.387	0.1571	2295	269	8	808	24	1347	39	1885	55	2343	68

Features/Benefits

- Cast iron power frame
- Ductile Iron Crankshaft
- Cast iron crossheads with upper/lower oil grooves
- Flooded sump, splash distribution lubrication
- Ductile iron connecting rods
- Alloy steel crosshead pins
- Bronze bearing crosshead pin bushings
- Cast iron crossheads with upper/lower oil grooves
- Rated rod load is 4760 lbs

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