

Gaso, 5698-L, Quintuplex, Plunger Pump

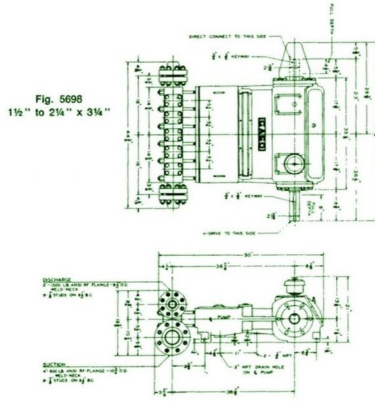
Pumps in this series

[5698-L](#)

[5698-M](#)

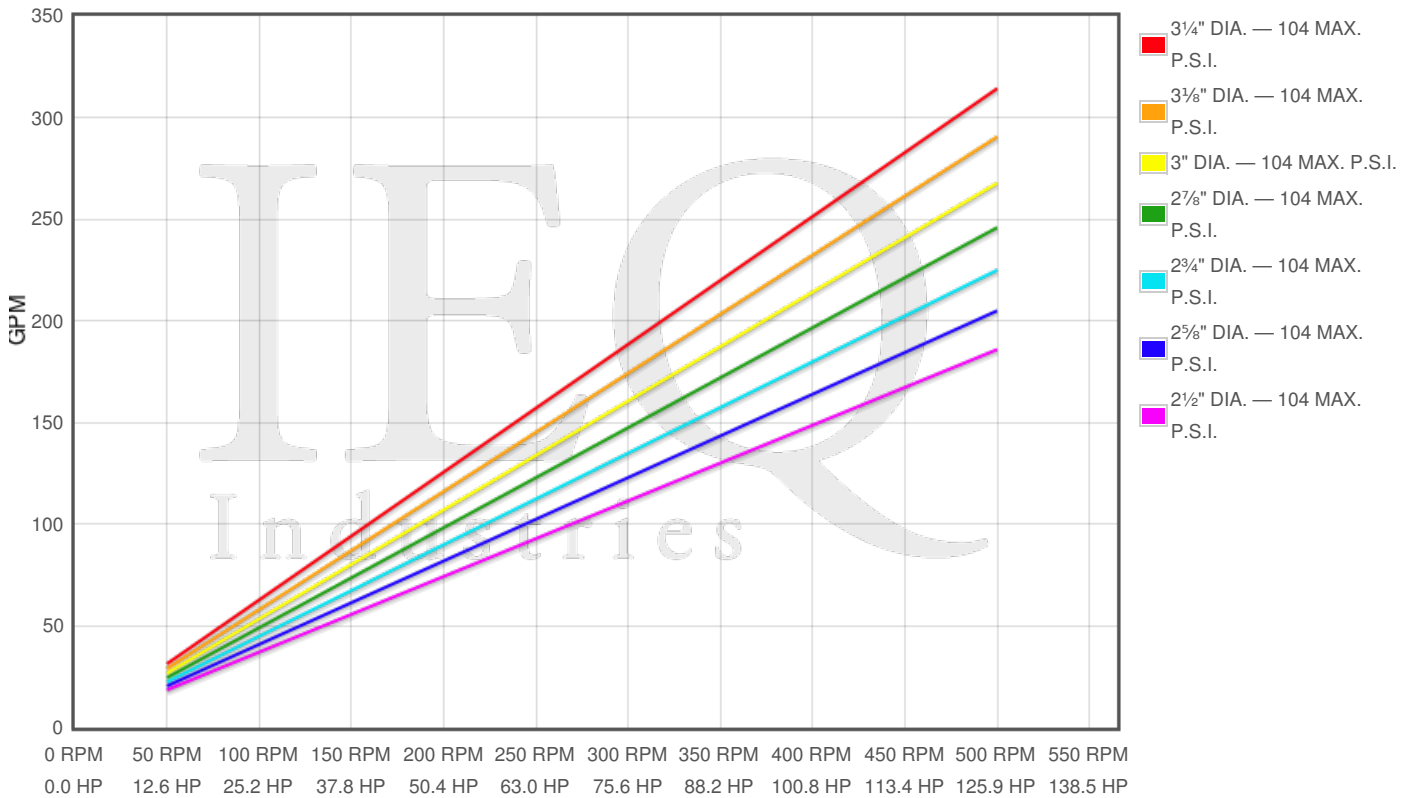
Specs

| Spec | U.S. Standard |
|---------------------------|---------------|
| Type: | quintuplex |
| Minimum Plunger Diameter: | 2½" |
| Maximum Plunger Diameter: | 3¼" |
| Stroke length: | 3½" |
| Maximum Working Pressure: | 104 PSI |
| Rod/Piston Load: | 5130lb |
| Gallons per Minute: | 314.3 |
| Barrels per Day: | 10776 |
| Brake Horse Power: | 125.0 |



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 |
| 5698-L | 3.250 | 8.2958 | 21.547 | 0.6285 | 104 | 1077 | 31 | 4310 | 126 | 7542 | 220 | 10774 | 314 |
| | 3.125 | 7.6699 | 19.922 | 0.5811 | 104 | 996 | 29 | 3984 | 116 | 6973 | 203 | 9961 | 291 |
| | 3.000 | 7.0686 | 18.360 | 0.5355 | 104 | 918 | 27 | 3672 | 107 | 6426 | 187 | 9180 | 268 |
| | 2.875 | 6.4918 | 16.862 | 0.4918 | 104 | 843 | 25 | 3372 | 98 | 5902 | 172 | 8431 | 246 |
| | 2.750 | 5.9396 | 15.427 | 0.4500 | 104 | 771 | 22 | 3086 | 90 | 5400 | 157 | 7714 | 225 |
| | 2.625 | 5.4119 | 14.057 | 0.4100 | 104 | 703 | 20 | 2811 | 82 | 4920 | 143 | 7028 | 205 |
| | 2.500 | 4.9087 | 12.750 | 0.3719 | 104 | 637 | 19 | 2550 | 74 | 4463 | 130 | 6375 | 186 |

Features/Benefits

GASO PLUNGER PUMPS

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GASO pumps are engineered to deliver the best plus values which have distinguished GASO pumps for over 60 years and to provide longer life and lower maintenance costs. Important design features include:

Power End Specifications

Power Frame. High-strength gray iron alloy casting with heavy wall sections well written to ensure rigid construction.

Crankshaft. Mounted with centerline of shaft on centerline of cross heads. Crankshaft may extend from either side of the pump.

Crankshaft Bearings. Interchangeable heavy-duty roller bearings.

Connecting Rods. Connecting rods have renewable Babbit lined steel backed shell bearings at the crank end and bronze bushings at crosshead end.

Crossheads. Cross head tends are hardened and ground steel.

Lubrication. All power and parts are lubricated by splash system from oil in the crankcase reservoir. Power frame has an oil return channel, from front of the cross heads back to the crankcase, to permit constant circulation of oil and to help keep oil cool.

Fluid End Specifications

FLUID END BODY. Alloys which are stocked are Molybdenum alloy iron for crude oil and freshwater service, and steel for pumping petroleum products in hazardous locations. Aluminum bronze alloys are used for salt water and other corrosive liquids. Special alloys such as Hastalloy C, Inconel or stainless steel can be furnished upon request.

PLUNGERS. Plunger materials are available in: file hard steel, chromoly's surfaced steel, solid ceramic, and chrome plated steel.

PACKING. Standard packing is a set of non-crushable lid tight packing rings. Other packing can be furnished for special applications.

PILUNGER LUBRICATION. Furnished by use of grip oilers or regulated flow of oil from a force-feed's lubricator. Lubricator is mounted on the pump with separate oil lines to each plunger.

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