

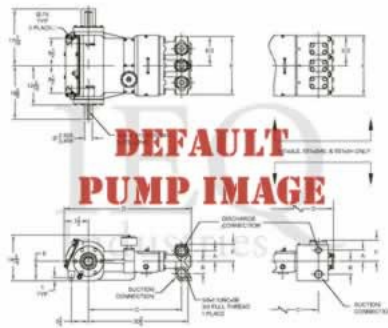
GasO, 2913-4, Triplex, Plunger Pump

Pumps in this series

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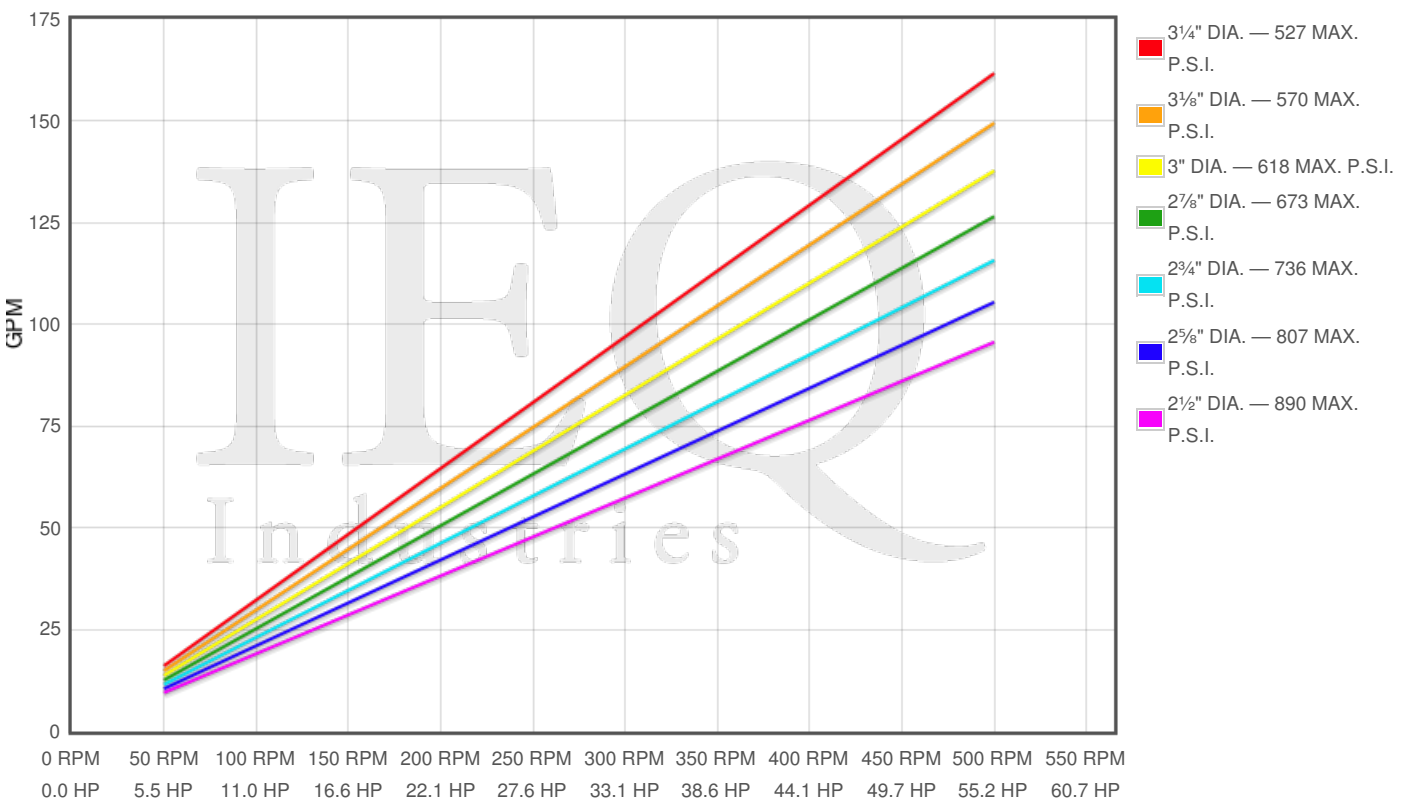
Specs

Spec	U.S. Standard
Type:	triplex
Minimum Plunger Diameter:	2½"
Maximum Plunger Diameter:	3¼"
Stroke length:	3"
Maximum Working Pressure:	890 PSI
Rod/Piston Load:	4370lb
Gallons per Minute:	161.6
Barrels per Day:	5541
Brake Horse Power:	55.2



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
2913-4	3.250	8.2958	11.082	0.3232	527	554	16	2216	65	3879	113	5541	162
	3.125	7.6699	10.246	0.2988	570	512	15	2049	60	3586	105	5123	149
	3.000	7.0686	9.442	0.2754	618	472	14	1889	55	3305	96	4721	138
	2.875	6.4918	8.672	0.2529	673	434	13	1734	51	3035	89	4336	126
	2.750	5.9396	7.934	0.2314	736	397	12	1587	46	2777	81	3967	116
	2.625	5.4119	7.229	0.2109	807	361	11	1446	42	2530	74	3615	105
	2.500	4.9087	6.557	0.1912	890	328	10	1311	38	2295	67	3279	96

Features/Benefits

GASO TRIPLEX 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 designed 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. All triplex plunger pumps are equipped with H type construction rods, with renewable Babbitt lined steel backed shell bearings at the crank end and bronze bushings at crosshead end.

Crossheads. Figures 3088, and series 3200, 3300, 313, 3400, 3800, 3900, 3600 and 3700 pumps are furnished with cylindrical type high-strength alloy castings. Series 3500 pumps are furnished with semi-cylindrical type casting. 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. Positive power and lubrication is optional for series 3700 pumps.

Stuffing Boxes. Figures 3088 and series 3200, 3300, 3400, 3500, 3800, and 3900 pumps are furnished with double lip U-cup packings. Series 3630 700 pumps are furnished with a set of four non-crushable lip type packing rings.

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.

VALVES. Figure 3211 and 3364 pumps are furnished standard with wing guided type valves and seats. Figures 3365, 3088 and series 3113, 3400, 3500, 3800, 3900, 3630 700 pumps are furnished with stem guided disk type valve assemblies.

CYLINDER HEADS AND VALVE COVERS. 3211 and 3364 pumps with aluminum bronze and Molybdenum alloy fluid ends have threaded valve covers and cylinder heads, all other are bolt on type.

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

STUFFING BOXES. All triplex pump boxes, with the exception of figures 3088, 3583, and series 3900, 3630 3700 pumps, are bolted directly into the fluid body. Stuffing boxes are for figures 3088, series 3583 and series 3800, 3900, 3630 and 3700 pumps are replaceable type.

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

PLUNGER 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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