

Gaso, 5884, Quintuplex, Plunger Pump

Pumps in this series

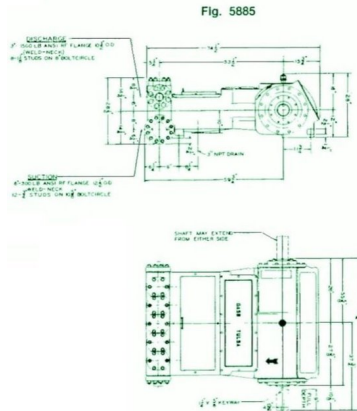
[5884](#)

[5885](#)

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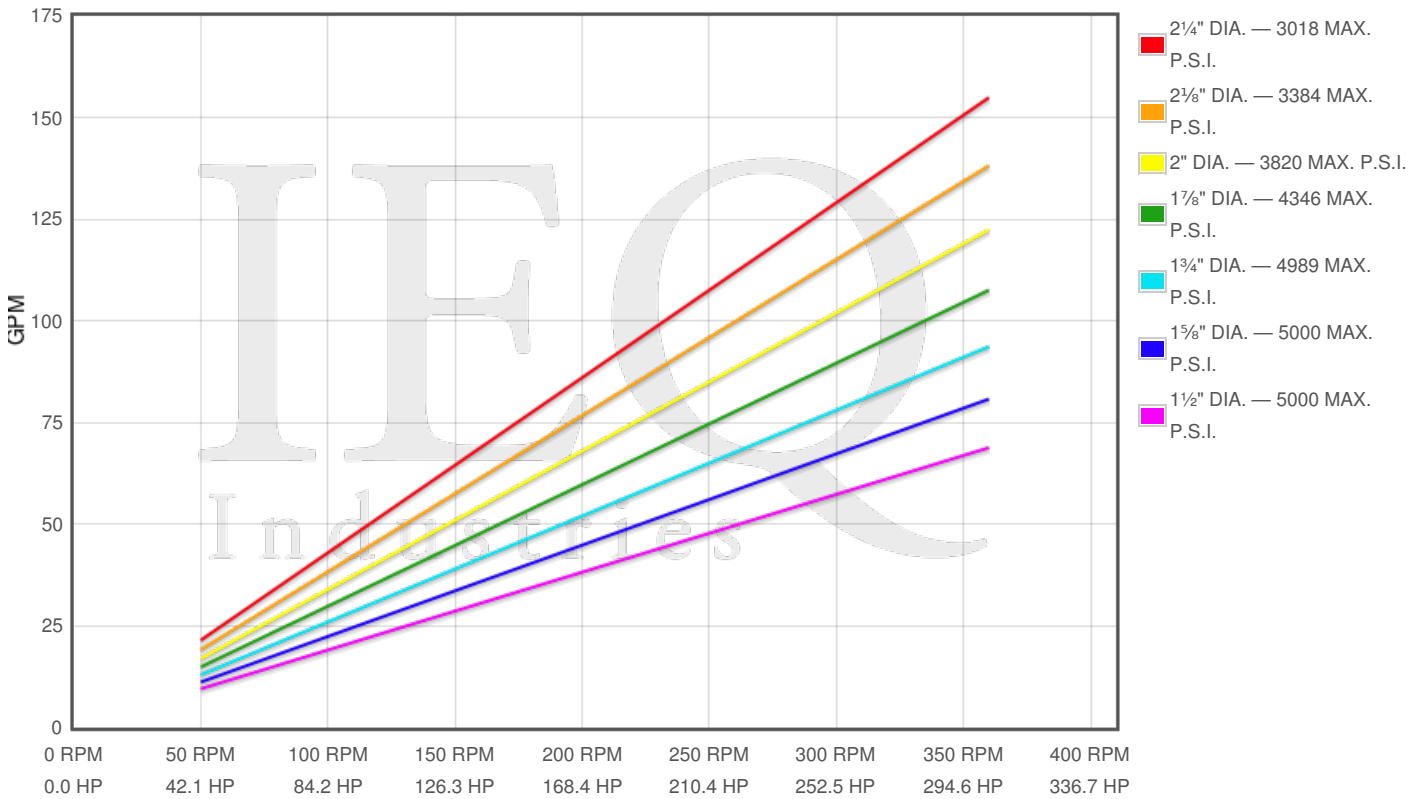
Specs

Spec	U.S. Standard
Type:	quintuplex
Minimum Plunger Diameter:	1 1/2"
Maximum Plunger Diameter:	2 1/4"
Stroke length:	5"
Maximum Working Pressure:	5,000 PSI
Rod/Piston Load:	12000lb
Gallons per Minute:	154.9
Barrels per Day:	5311
Brake Horse Power:	300.0



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		360 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
5884	2.250	3.9761	14.754	0.4303	3018	738	22	2213	65	3688	108	5164	151	5311	155
	2.125	3.5466	13.160	0.3838	3384	658	19	1974	58	3290	96	4606	134	4738	138
	2.000	3.1416	11.657	0.3400	3820	583	17	1749	51	2914	85	4080	119	4197	122
	1.875	2.7612	10.246	0.2988	4346	512	15	1537	45	2561	75	3586	105	3688	108
	1.750	2.4053	8.925	0.2603	4989	446	13	1339	39	2231	65	3124	91	3213	94
	1.625	2.0739	7.696	0.2245	5000	385	11	1154	34	1924	56	2693	79	2770	81
	1.500	1.7671	6.557	0.1912	5000	328	10	984	29	1639	48	2295	67	2361	69

Features/Benefits

Ratings published here are intended to be used only for preliminary planning purposes, and as such carry no warranties whatsoever. All applications for gas pumps must be approved in writing. THE INFORMATION CONTAINED HERE IS TRANSCRIBED FROM A GASO TECHNICAL MANUAL FROM THE 1960s - 70s. IEQ INDUSTRIES OR THE CUSTODIANS OF THIS WEBSITE ARE NOT RESPONSIBLE FOR ITS CONTENT.

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, chrome plated 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.

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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