

Gaso, 5886, Quintuplex, Plunger Pump

Pumps in this series

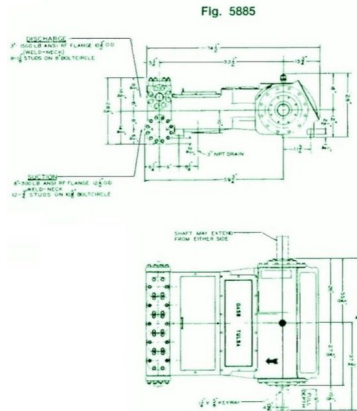
[5884](#)

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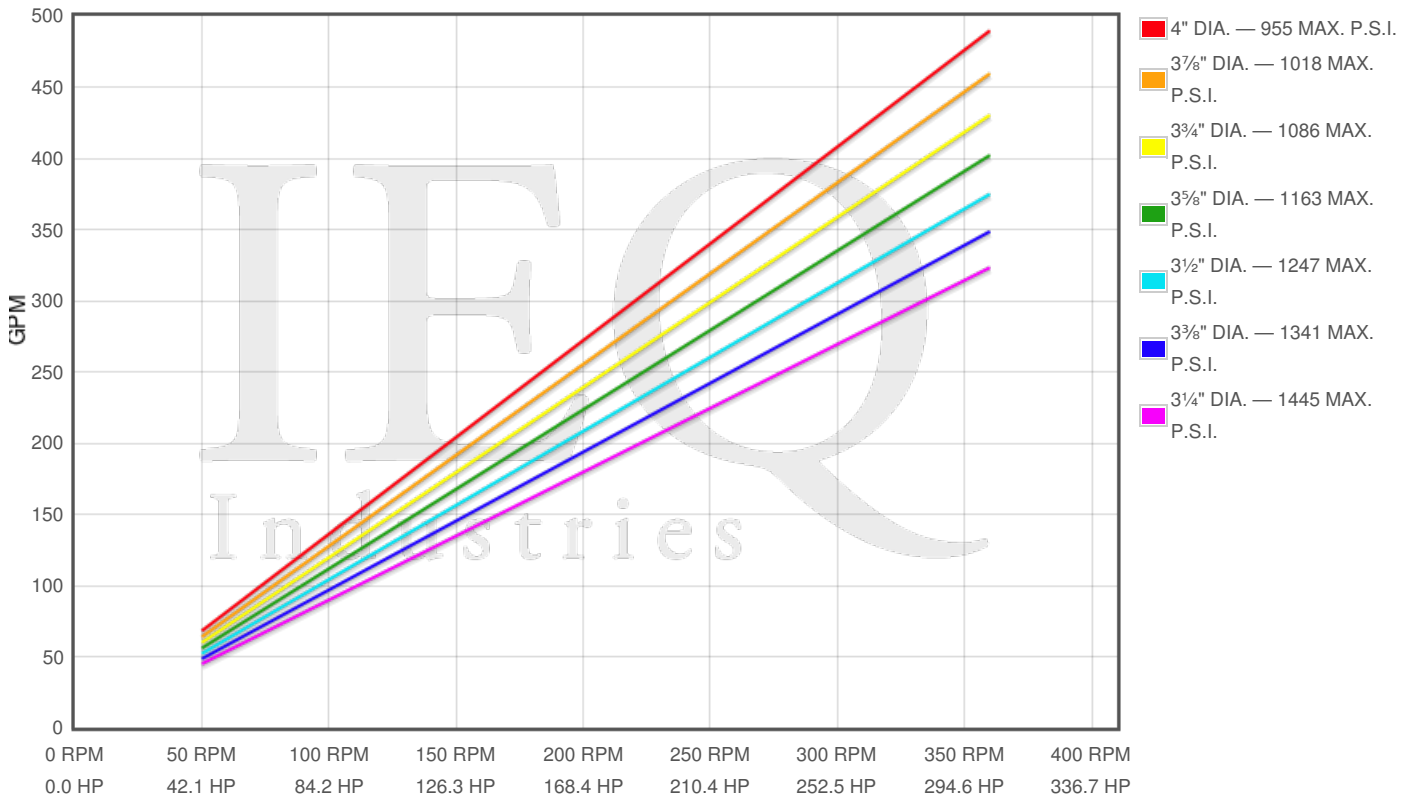
Specs

Spec	U.S. Standard
Type:	quintuplex
Minimum Plunger Diameter:	3 1/4"
Maximum Plunger Diameter:	4"
Stroke length:	5"
Maximum Working Pressure:	1,445 PSI
Rod/Piston Load:	12000lb
Gallons per Minute:	489.6
Barrels per Day:	16786
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
5886	4.000	12.5664	46.628	1.3600	955	2331	68	6994	204	11657	340	16320	476	16786	490
	3.875	11.7932	43.760	1.2763	1018	2188	64	6564	191	10940	319	15316	447	15753	459
	3.750	11.0447	40.982	1.1953	1086	2049	60	6147	179	10246	299	14344	418	14754	430
	3.625	10.3206	38.295	1.1170	1163	1915	56	5744	168	9574	279	13403	391	13786	402
	3.500	9.6211	35.700	1.0412	1247	1785	52	5355	156	8925	260	12495	364	12852	375
	3.375	8.9462	33.195	0.9682	1341	1660	48	4979	145	8299	242	11618	339	11950	349
	3.250	8.2958	30.782	0.8978	1445	1539	45	4617	135	7696	224	10774	314	11082	323

Features/Benefits

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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, 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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