NEW, USED, AND REFURBISHED PUMPS AND PARTS

WHEATLEYGASO.COM

GASO DUPLEX, GASO TRIPLEX AND GASO QUINTUPLEX PLUNGER AND PISTON PUMPS BY WHEATLEY AND GASO PUMP

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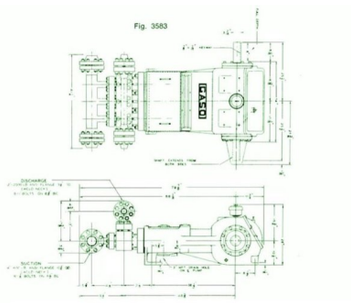
Gaso, 3583, Triplex, Plunger Pump

Pumps in this series

3580
3581-L
3581-S
3582-L
3582-S
3583

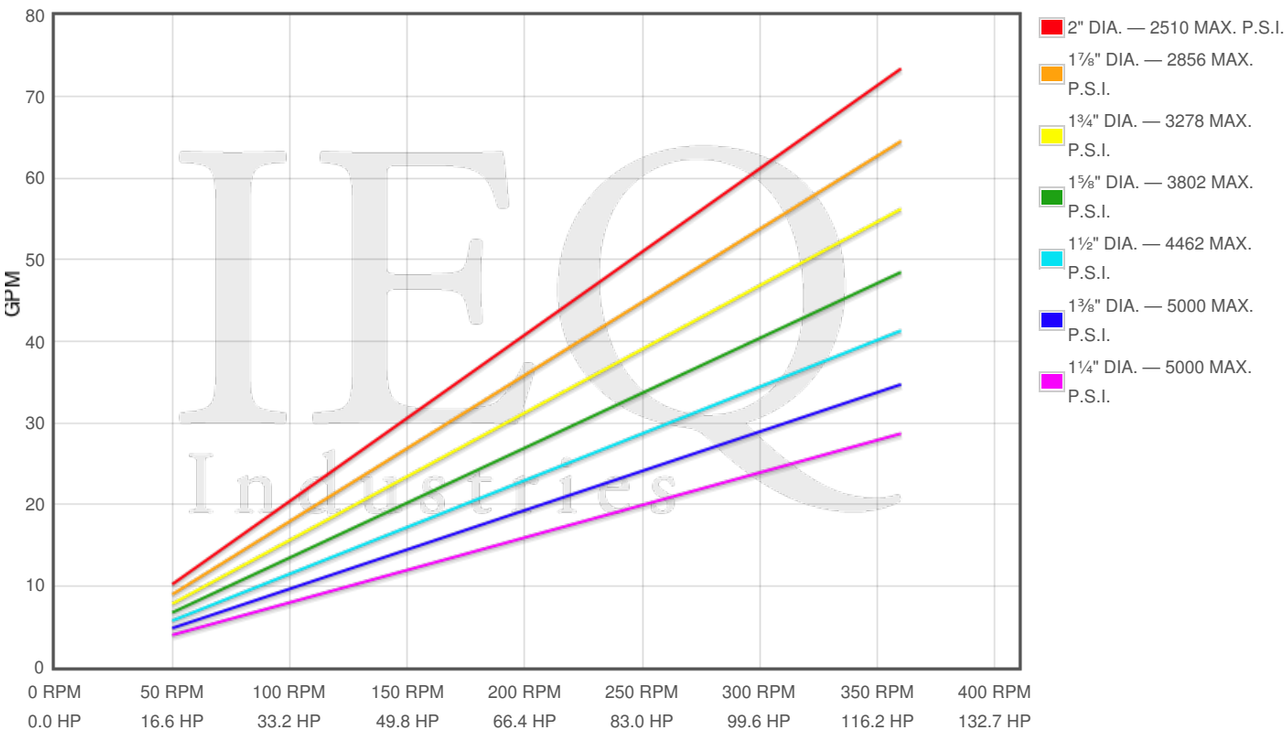
Specs

Spec	U.S. Standard
Type:	triplex
Minimum Plunger Diameter:	1¼"
Maximum Plunger Diameter:	2"
Stroke length:	5"
Maximum Working Pressure:	5,000 PSI
Rod/Piston Load:	7885lb
Gallons per Minute:	73.4
Barrels per Day:	2517
Brake Horse Power:	119.0



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
3583	2.000	3.1416	6.994	0.2040	2510	350	10	1049	31	1749	51	2448	71	2518	73
	1.875	2.7612	6.147	0.1793	2856	307	9	922	27	1537	45	2152	63	2213	65
	1.750	2.4053	5.355	0.1562	3278	268	8	803	23	1339	39	1874	55	1928	56
	1.625	2.0739	4.617	0.1347	3802	231	7	693	20	1154	34	1616	47	1662	48
	1.500	1.7671	3.934	0.1147	4462	197	6	590	17	984	29	1377	40	1416	41
	1.375	1.4849	3.306	0.0964	5000	165	5	496	14	826	24	1157	34	1190	35
	1.250	1.2272	2.732	0.0797	5000	137	4	410	12	683	20	956	28	984	29

Features/Benefits

GASO TRIPLEX PLUNGER PUMPS

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

GASO pumps are engineered to deliver the book 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. All triplex plunger pumps are equipped with H type construction rods, with renewable Babbit 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 typecasting. 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 Ã¢Â€ÂœUÃ¢Â€Â 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 our Molybnenum 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 our 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 board directly into the fluid body. Stuffing boxes are for figures 3088, nerdy 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.

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

Disclaimer I

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