

### GPS SERIES DUPLEX, DOUBLE ACTING, RECIPROCATING PUMP

MODEL	STROKE MM	LINER SIZE MM	MAXIMUM WORKING PRESSURE KG/CM2	NORMAL OPERATION AT 75 SPM		MAXIMUM RECOMM- ENDED AT 100 SPM		INPUT SPEED RPM		SUCTION SIZE MM	DELIVERY SIZE MM	WEIGHT KGS. (APPROX IMATE)
				DISPLAC- EMENT LPM	POWER BHP	DISPLAC- EMENT LPM	POWER BHP	NORMAL OPERA- TION	MAX. OPERA- TION			
GPS – 125 (5 x 4 ½")	125	115	17.21	375	17.25	501	23	303.75	405	75	50	1025
		100	23.09	280		374						
		90	28.75	225		300						
		75	42.58	152		203						
		65	58.27	111		148						
GPS – 150 LWF (6" x 5")	150	125	22.03	536	32	715	42	394	525	100	50	1250
		115	26.16	451		602						
		100	35.00	337		450						
		90	43.75	270		360						
		75	64.55	183		244						
GPS – 150 LW (6" x 6")	150	150	15.16	779	32	1039	42	394	525	100	50	1550
		140	17.46	676		902						
		125	22.03	536		715						
		115	26.16	451		602						
		100	35.00	337		450						
		75	43.75	270		360						
GPS – 200 (8" x 6")	200	150	20.74	1020	57	1361	75	341.25	455	125	65	2200
		140	23.84	885		1180						
		125	30.24	697		930						
		115	36.06	585		780						
		100	48.79	432		577						
				NORMAL OPERATION AT 60 SPM		MAXIMUM RECOMM- ENDED AT 90 SPM						
GPS – 200 H LW (8" x 7 ½")	200	190	16.91	1330	60	1995	88.8	273	410	150	75	3200
		175	20.01	1124		1685						
		165	22.59	996		1493						
		150	27.51	817		1226						
		140	31.77	708		1062						
		125	40.29	558		837						
GPS – 250 (10" x 6")	250	150	27.51	1022	75	1533	111	314.40	471.60	125	75	3815
		140	31.77	885		1328						
		125	40.26	698		1047						
		115	48.07	585		878						
		100	64.95	433		650						
		75	81.75	344		516						
GPS – 250 H LW (10" x 7 ½")	250	190	16.91	1663	75	2494	111	314.40	471.60	150	75	4200
		175	20.01	1405		2107						
		165	22.59	1245		1867						
		150	27.51	1022		1533						
		140	31.77	885		1328						
		125	40.29	698		1047						

\* The Volumetric discharge is theoretical assuming pump running at 100 % efficient.

\* The actual volumetric efficiency at which the pump operates is normally 85-90%

\* The above parameters are at 1.2 specific gravity of fluid. The pump can handle even more specific gravity fluids but capacities will reduce correspondingly.

**The specifications are subject to change without notice due to continued research & development**

**G&P Engineering Company**



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