

GPS – 250H LW (10” x 7 ½”)

DUPLEX, DOUBLE ACTING, RECIPROCATING, PISTON PUMP

SPECIFICATIONS :

Stroke Length : 250 mm

Number of piston : 2

Maximum Stroke per minute : 90 SPM

Maximum Input Speed : 471 RPM

Maximum BHP : 111 HP (82.80 KW)

Input Torque : 171 Kg-mtr. (1681 Nm)

Oil Capacity : 40 Litters.

Approx Weight : 4200 Kgs. (9240 Lbs.)

Suction Connection : 150mm (6”) Size

Discharge Connection : 75mm (3”) Size

Jack Shaft Extension :

Diameter : 75 mm

Jack Shaft Extension : 225 mm

Key Size : 205 mm L x 20 mm W x 14 mm H

Approximate Dimension :

Length 2770mm, Width 1270mm,

Height 2150mm

PERFORMANCE RATING :

MODEL	STROKE MM	LINER SIZE MM	MAXIMUM WORKING PRESSURE KG/CM2	NORMAL OPERATION AT 60 SPM		MAXIMUM RECOMMENDED AT 90 SPM		INPUT SPEED RPM	
				DISPLAC- EMENT LPM	POWER BHP	DISPLA- CEMENT LPM	POWER BHP	NORMAL OPERATION	MAX. OPERATION
GPS 250H LW (10” X 7 ½”)	250	190	16.91	1663	75	2494	111	314.40	471.60
		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			

STANDARD : Pump is suitable for pulley drive.

OPTIONAL : Pump is suitable for hydraulic drive. Hydraulic motor/s can be fitted both the side or either side of the pump.

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

* The actual volumetric efficiency at which the pump operates is normally 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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