

### GPS – 200H LW (8" x 7 1/2")

### DUPLEX, DOUBLE ACTING, RECIPROCATING, PISTON PUMP

#### SPECIFICATIONS :

Stroke Length : 200 mm

Number of piston : 2

Maximum Stroke per minute : 90 SPM

Maximum Input Speed : 410 RPM

Maximum BHP : 89 HP (66.39 KW)

Input Torque : 158 Kg-mtr. (1549 Nm)

Oil Capacity : 45 Litters.

Approx Weight : 3200 Kgs. (7040 Lbs.)

Suction Connection : 150mm (6") Size

Discharge Connection : 75mm (3") Size

Jack Shaft Extension :

Diameter : 62.5 mm

Jack Shaft Extension : 200 mm

Key Size : 180 mm L x 18 mm W x 12 mm H

Approximate Dimension :

Length 2430mm, Width 1096mm,

Height 1881mm

#### 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 200H LW (8" X 7 1/2")	200	190	16.91	1330	60	1995	88.8	273	410
		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			

**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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