

GPS – 150 LW (6" x 6")

DUPLEX, DOUBLE ACTING, RECIPROCATING, PISTON PUMP

SPECIFICATIONS :

Stroke Length : 150 mm

Number of piston : 2

Maximum Stroke per minute : 100 SPM

Maximum Input Speed : 525 RPM

Maximum BHP : 42 HP (31.33 KW)

Input Torque : 58 Kg-mtr. (571 Nm)

Oil Capacity : 30 Litters.

Approx Weight : 1550 Kgs. (3410 Lbs.)

Suction Connection : 100mm (4") Size

Discharge Connection : 50mm (2") Size

Jack Shaft Extension :

Diameter : 57 mm

Jack Shaft Extension : 150 mm

Key Size : 130 mm L x 16 mm W x 10 mm H

Approximate Dimension :

Length 2000mm, Width 918mm,

Height 1345mm

PERFORMANCE RATING :

MODEL	STROKE MM	LINER SIZE MM	MAXIMUM WORKING PRESSURE KG/CM2	NORMAL OPERATION AT 75 SPM		MAXIMUM RECOMMENDED AT 100 SPM		INPUT SPEED RPM	
				DISPLAC- EMENT LPM	POWER BHP	DISPLA- CEMENT LPM	POWER BHP	NORMAL OPERATION	MAX. OPERATION
GPS 150 LW (6" X 6")	150	150	15.16	779		1039		394	525
		140	17.46	676		902			
		125	22.03	536		715			
		115	26.16	451	32	602	42		
		100	35.00	337		450			
		90	43.75	270		360			
		75	64.55	183		244			

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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