

GPS

G & P Engineering Company

GPS – 200 (8" x 6")

**DUPLEX, DOUBLE ACTING,
RECIPROCATING, PISTON**

SPECIFICATIONS :

Stroke Length : 200 mm

Number of piston : 2

Maximum Stroke per minute : 100 SPM

Maximum Input Speed : 455 RPM

Maximum BHP : 75 HP (55.95 KW)

Input Torque : 120 Kg-mtr. (1176 Nm)

Oil Capacity : 40 Litters.

Approx Weight : 2200 Kgs. (4840 Lbs.)

Suction Connection : 125mm (5") Size

Discharge Connection : 65mm (2 1/2") 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 2394mm, Width 1056mm,

Height 1616mm

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 200 (8" X 6")	200	150	20.74	1021		1361		341.25	455
		140	23.84	885		1180			
		125	30.24	697	57	930	75		
		115	36.06	585		780			
		100	48.79	432		577			

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.

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For additional detail contact us :

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