

GPS – 125 (5" x 4 ½")

DUPLEX, DOUBLE ACTING, RECIPROCATING, PISTON

SPECIFICATIONS :

Stroke Length : 125 mm	Suction Connection : 75mm (3") Size
Number of piston : 2	Discharge Connection : 50mm (2") Size
Maximum Stroke per minute : 100 SPM	Jack Shaft Extension :
Maximum Input Speed : 405 RPM	Diameter : 45 mm
Maximum BHP : 23 HP (17.15 KW)	Jack Shaft Extension : 140 mm
Input Torque : 41 Kg-mtr. (405 Nm)	Key Size : 120 mm L x 14 mm W x 8 mm H
Oil Capacity : 25 Litters.	Approximate Dimension :
Approx Weight : 1050 Kgs. (2310 Lbs.)	Length 1710mm, Width 816mm, Height 1075mm

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 125 (5" X 4 ½")	125	115	17.21	375		501		303.75	405
		100	23.09	280		374			
		90	28.75	225	17.25	300	23		
		75	42.58	152		203			
		65	58.27	111		148			

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 witch 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



For additional detail contact us :

9-Ratna Co. op. Housing Society,
Mahadev Nagar, Bilimora – 396 321 (Gujarat), India.
Telephone : 0091 (2634) 232669
Fax No. : 0091 (2634) 232670
E-mail : gp_enggin@yahoo.co.in
Web : www.gpenggin.com