

Specifications

Model LP800

High-Pressure Plunger Pump

	U.S.....	Metric
Volume	4.6 GPM	17.5 LPM
Maximum Discharge Pressure	11,600 PSI	800 Bar
Maximum Inlet Pressure	Up to 90 PSIG	6 Bar
Maximum Speed	1000 RPM	
Plunger Diameter	0.56"	14mm
Stroke	1.65"	42mm
Crankcase Oil Capacity	118 fl.oz.	3.5 Liters
Temperature of Pumped Fluids	Up to 104 °F	40° C
Inlet Port	2 x 1/2" BSP	
Discharge Ports	2 x 3/8" BSP	
Shaft Rotation	Top of pulley towards front of pump	
Weight	143 lbs.	65 kg

LP800 HORSEPOWER CHART					
RPM	GPM	5000 PSI	7250 PSI	10,000 PSI	11,600 PSI
600	2.8	9.9	14.3	19.7	22.9
700	3.2	11.5	16.7	23.0	26.7
800	3.7	13.1	19.1	26.3	30.5
900	4.1	14.8	21.4	29.6	34.3
1000	4.6	16.4	23.8	32.9	38.1

HORSEPOWER RATINGS:

The rating shown are the power requirements for the pump. Gas engine power outputs must be approximately twice the pump power requirements shown above.

We recommend a 1.15 service factor be specified when selecting an electric motor as the power source. To compute specific pump horsepower requirements, use the following formula:

$$HP = (GPM \times PSI) / 1400$$