

Specifications

Model GP7128

Volume	Up to 17.9 GPM
Discharge Pressure	Up to 5800 PSI ¹
Speed	Up to 750 RPM
Inlet Pressure	Up to 90 PSI
Plunger Diameter	28mm
Plunger Stroke	52mm
Crankshaft Diameter	48mm
Key Width	14mm
Crankshaft Mounting	Either side
Shaft Rotation	Top of pulley towards manifold
Temperature of Pumped Fluids	Up to 140 °F
Inlet Ports	(2) 1 1/4" NPT
Discharge Ports	(2) 3/4" NPT
Weight	374 lbs.
Crankcase Oil Capacity	1.6 Gal.
Fluid End Material	Stainless Steel
Volumetric Efficiency @ 700 RPM	89%
Mechanical Efficiency @ 700 RPM	83%

Consult the factory for special requirements that must be met if the pump is to operate beyond one or more of the limits specified above.

NOTES: ¹This specification for maximum pressure and maximum speed apply to intermittent duty. When the pump is used for continuous duty and/or with water warmer than 100°F, these values must be reduced by 10%.

GP7128 HORSEPOWER REQUIREMENTS					
RPM	GPM	3000 PSI	4000 PSI	5000 PSI	5800 PSI
300	7.2	15.4	20.6	25.7	29.8
400	9.5	20.4	27.1	33.9	39.4
550	13.1	28.1	37.4	46.8	54.3
600	14.3	30.6	40.9	51.1	59.2
650	15.5	33.2	44.3	55.4	64.2
700	16.7	35.8	47.7	59.6	69.2
750	17.9	38.4	51.1	63.9	74.2

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 1.1 service factor be specified when selecting an electric motor as the power source.

To compute specific pump horsepower requirements, use the following formula:

$$\frac{\text{GPM} \times \text{PSI}}{1400} = \text{hp}$$