

# PZL (PZ-11HP) Triplex Drilling Mud Pump



## SPECIFICATIONS

Maximum Input	1,600 BHP (1,193 kw)
Maximum RPM	115 RPM
Stroke Length	11 in. (279 mm)
Piston Load	150,300 lbs. (68,175 kg)
Pump Weight	37,000 lbs. (16,815 kg)
Gear Ratio	4.38 :1

## 5,000 & 7,000 PSI Fluid End Cylinder

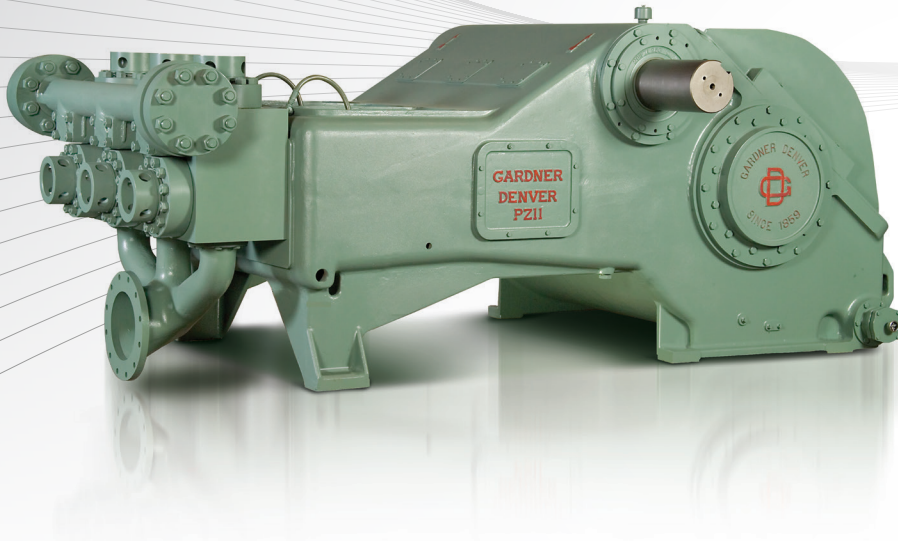
PLUNGER / PISTON		DISPLACEMENT – DRILLING SERVICE				MAXIMUM PSI		PUMP RPM	JACKSHAFT RPM
DIAMETER		PER REVOLUTION		PER MINUTE					
inch	mm	gallon	liters	gallon	liters	PSI	Kg/sq.cm2		
8	203	7.18	27.18	826	3126	2989	206	115	504
7.5	191	6.31	23.89	726	2747	3401	234		
7.25	184	5.90	22.32	678	2567	3639	251		
7	178	5.50	20.81	632	2393	3904	269		
6.5	165	4.74	17.94	545	2064	4527	312		
6.25	159	4.38	16.59	504	1908	4897	338		
6	152	4.04	15.29	465	1758	5314	366		
5.5	140	3.39	12.85	390	1478	6324	436		
5	127	2.80	10.62	323	1221	7500	517		

Weight: Complete pump with large steel skid - 41,400 pounds.

Ratings are based on 90% mechanical efficiency and 100% volumetric efficiency.

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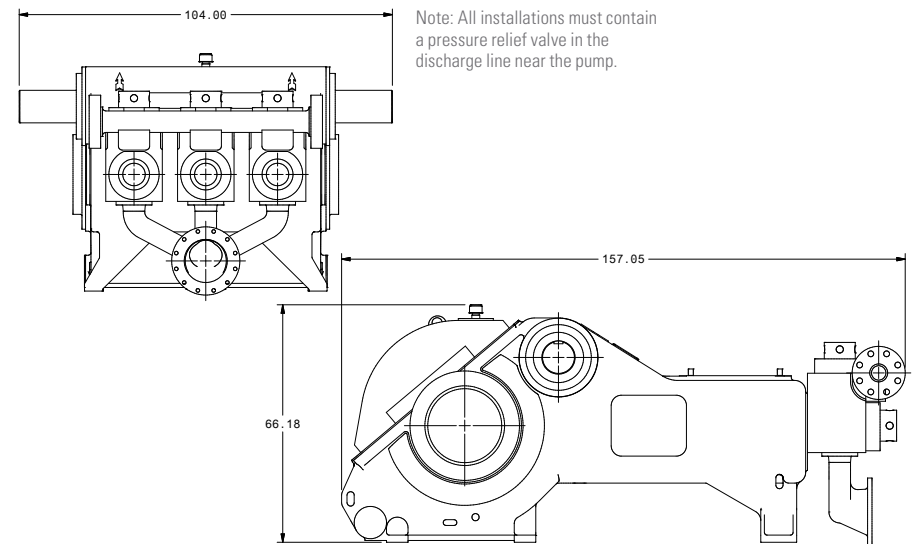
## OPTIONAL FEATURES

- 7,500 PSI fluid
- Steel skid under pump only
- Large steel skid with non-skid decking
- Centrifugal suction charging pump
- Rubber valve inserts
- Suction and/or discharge dampeners
- Oil heat exchanger
- External electric powered lube pump
- Fabricated suction manifold
- Custom packaging available
- Full open valves

## STANDARD FEATURES

- Nodular iron power frame, eccentric, connection rods, and crossheads
- Double-row-spherical roller bearings carry eccentric
- Double extended Jackshaft carried on heavy-duty straight roller bearings
- Dual roller bearing connecting rod
- Heat-treated alloy steel, interchangeable fluid cylinders
- Three-rib API-7 urethane insert valves and seats
- Replaceable-type element oil filer and oil pressure gauge
- Threaded valve covers
- Plated piston rods
- Complete piston washing and lubrication system

## SPECIFICATIONS



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