

PZG (PZ-7) Triplex Drilling Mud Pump



Specifications	Drilling Service
Maximum Input	550 BHP (410 kw)
Maximum RPM	145 RPM
Stroke Length	7" (178 mm)
Piston Load	64,400 lbs. (29,211 kg)
Pump Weight	16,765 lbs. (7,620 kg) average
Gear Ratio	4.625:1

PZG (PZ-7) Drilling Service Ratings

Piston Cylinder Diameter		Displacement				Maximum PSI		Pump RPM	JackShaft RPM
Inch	mm	Per Revolution		Per Minute		PSI	Kg/sq.cm2		
7	178	3.5	13.25	507	1,919	1,673	118	145	670
6.5	165	3.02	11.43	437	1,654	1,940	136		
6.25	152	2.78	10.55	404	1,530	2,100	143		
6	152	2.57	9.73	373	1,412	2,277	160		
5.5	140	2.16	8.18	313	1,185	2,710	191		
5	127	1.78	6.74	259	980	3,279	231		
4.5	114	1.45	5.49	210	795	4,048	285		
4	102	1.14	4.32	166	628	5,000	352		

Weight: Complete pump with large steel skid – 18,000 pounds.
 Ratings are based on 90% mechanical efficiency and 100% volumetric efficiency.