

GD-1000Q Well Service Pump



SPECIFICATIONS

Maximum Input	1,000 BHP (746 kW)
Maximum RPM	450 RPM
No. of Plungers	5
Stroke Length	6 in. (152 mm)
Plunger Load	106,000 lbs. (471,512 N)
Pump Weight	7,000 lbs (3,175 kg)
Gear Ratio	4.6:1

PLUNGER/PISTON DIAMETER		DISPLACEMENT PER REVOLUTION		DISPLACEMENT @ PUMP RPM				DISPLACEMENT @ PUMP RPM				DISPLACEMENT @ PUMP RPM				DISPLACEMENT @ PUMP RPM			
				50				100				300				450			
in.	mm.	gal.	liter	GPM	LPM	PSI	bar	GPM	LPM	PSI	bar	GPM	LPM	PSI	bar	GPM	LPM	PSI	bar
2.75	70	.46	1.75	23	88	17846	1230	46	175	17846	1230	139	526	11110	766	208	788	7407	511
3	76	.55	2.08	28	104	14996	1034	55	208	14996	1034	165	625	9336	644	248	938	6224	429
3.5	89	.75	2.84	37	142	11017	760	75	284	11017	760	225	851	6859	473	337	1277	4573	315
4	102	.98	3.71	49	185	8435	582	98	371	8435	582	294	1112	5251	362	441	1668	3501	241
4.5	114	1.24	4.69	62	235	6665	460	124	469	6665	460	372	1407	4149	286	558	2111	2766	191

Ratings are based on 90% mechanical efficiency and 100% volumetric efficiency. *Contact Gardner Denver Engineering for application review and approval.

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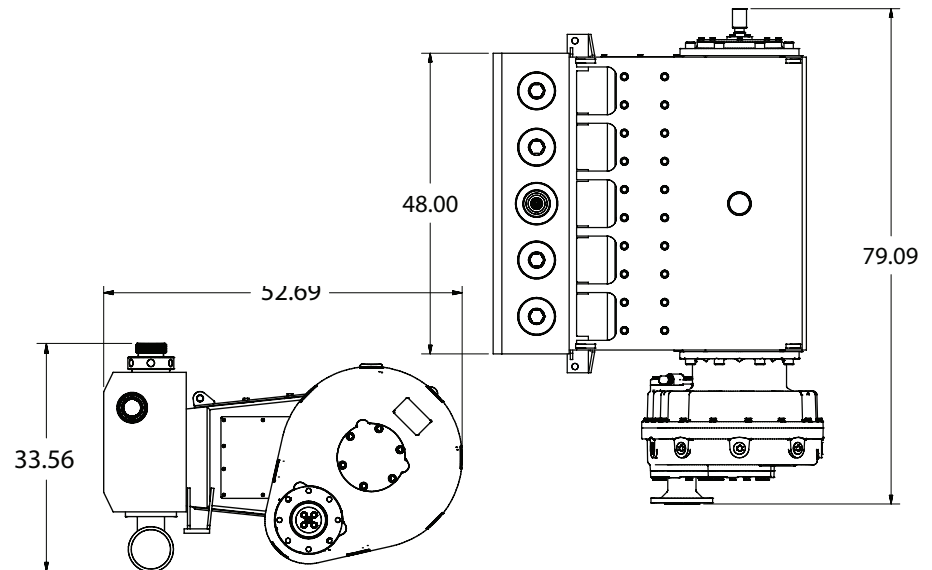
OPTIONAL FEATURES

- DNV, ABS, PED or other third party certifications
- Splined flange for gear reducer
- Various plunger packing styles
- Additional center gauge connection
- Multiple suction manifold configurations including valve lifter options to drain chambers
- Hydraulic torque wrench for fluid end removal

STANDARD FEATURES

- Fabricated power frame weldment with integrated crankcase and crosshead slides
- Parallel shaft gearbox with left or right side mounting positions
- Multiple gearbox input pinion positions
- Forged, heat treated alloy steel crankshaft
- Cross drilled crankshaft and connecting rod for pressurized oil flow to critical components
- Replaceable crosshead slides
- Forged SAE 4330 autofrettaged fluid end for extended field service
- Through stud fluid end design for maintenance and removal ease
- Replaceable stuffing boxes allowing convenient plunger size conversion
- Suction manifold with victaulic connections

SPECIFICATIONS



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