



SPECIFICATIONS

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

Pumping Perfected.™

Plunger Diameter		Displacement per Revolution		Displacement at Pump RPM – Intermittent Service															
				50				150				300				450			
in.	mm.	Gal.	m ³	GPM	m ³ /hr	PSI	bar	GPM	m ³ /hr	PSI	bar	GPM	m ³ /hr	PSI	bar	GPM	m ³ /hr	PSI	bar
2.75	70	0.77	0.0029	39*	9*	17852*	1231*	116	26	13332	919	231	52	6666	460	347	79	4444	306
3	76	0.92	0.0035	46	10	15000	1034	138	31	11203	772	275	62	5601	386	413	94	3734	257
3.5	89	1.25	0.0047	62	14	11021	760	187	42	8231	568	375	85	4115	284	562	128	2744	189
4	102	1.63	0.0062	82	19	8438	582	245	56	6301	434	490	111	3151	217	734	167	2100	145
4.5	114	2.07	0.0078	103	23	6667	460	310	70	4979	343	620	141	2489	172	929	211	1660	114

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

GD-1000Q Well Service Pump



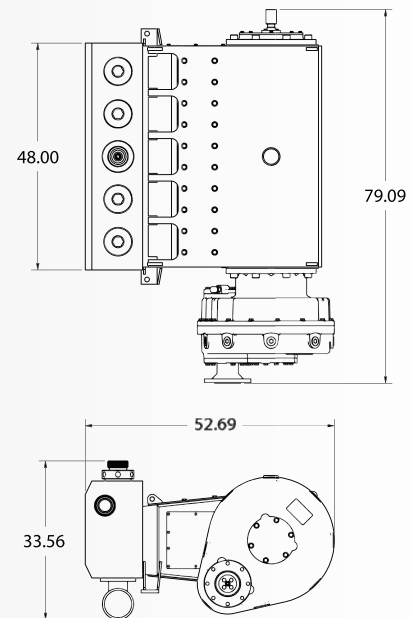
STANDARD FEATURES

- 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 with gun sight style suction valve spring retainer for extended field service
- Through stud fluid end design for maintenance and removal ease
- Replaceable stuffing boxes allowing convenient plunger size conversion
- ACME threaded discharge flange adapters
- Suction manifold with victaulic connections

OPTIONAL FEATURES

- DNV, ABS, PED or other third party certifications
- Patented Self Tightening Valve Cover Retainer Lock System
- 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

SPECIFICATIONS



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