



ShalePumps
SP-800Q HIGH PERFORMANCE QUINTUPLEX
CONTINUOUS DUTY PUMP PERFORMANCE CHART

SP-800Q High Performance 7" Stroke Quintuplex		Strokes Per Min.	240	220	200	170	140	100	80
		Input HP**	800	733	667	567	467	333	267
Piston/ Plunger Size	Discharge Pressure	Output Gal/Rev	OUTPUT - Gallons Per Minute*						
6"	1,267	4.284	1028	942	857	728	600	428	343
5 ½"	1,508	3.600	864	792	720	612	504	360	288
5"	1,824	2.975	714	655	595	506	417	298	238
4 ½"	2,252	2.410	578	530	482	410	337	241	193
4"	2,851	1.904	457	419	381	324	267	190	152
3 ½"	3,723	1.458	350	321	292	248	204	146	117
3"	5,000*	1.071	257	236	214	182	150	107	86
*BASED ON 100% VOLUMETRIC EFFICIENCY; ** BASED ON 95% MECHANICAL EFFICIENCY, *** Piston Only									

Features

- MINIMUM WEIGHT/MAXIMUM PERFORMANCE WITH CONTINUOUS DUTY LIFE EXPECTANCY
- 33% INCREASE IN MWD/LWD FREQUANCY BANDWIDTH
- 66% INCREASE IN THE MWD/LWD DATA TRANSFER RATE
- FOUR MAIN BEARING DESIGN ELIMINATES CRANKSHAFT DEFLECTION
- HIGH PERFORMANCE STRUCTURAL STEEL FABRICATED POWER END
- ANTI-FRICTION ROLLER BEARINGS THROUGHOUT
- FORGED STEEL ECCENTRIC CRANKSHAFT
- DOUBLE (REDUNDANT) FAILSAFE INTERNAL LUBE SYSTEM
- METAL TO METAL LINER LOCK
- MADE IN THE USA

<u>Classification</u>	<u>General Duty</u>
INPUT HORSEPOWER RATING.....	800
PUMP SPEED.....	240
STROKE LENGTH.....	7"
MAXIMUM PISTON SIZE.....	6"
FLUID END WORKING PRESSURE RATING.....	5000 PSI
DISCHARGE CONNECTION SIZE.....	4" FLANGE
SUCTION CONNECTION SIZE.....	8" FLANGE
CRANKCASE OIL CAPACITY.....	85 GALLONS
LINERWASH CAPACITY.....	50 GALLONS
VALVE SIZE.....	API 5
PISTON ROD END.....	SA-4/SA-2
DRY WEIGHT.....	17,750 LBS
PISTON ROD LOAD.....	33,937 LBS
EXTERNAL GEAR RATIO (OTHER RATIOS AVAILABLE).....	4.611:1