



The only submersible pump with no mechanical seals, no wear plates and no internal friction.

Features

- Very High Flow Rates
- High Vertical Head Pressure
- Self Priming
- Run Dry Technology
- Variable Speed & Flow
- Small Portable Size
- Advanced Metallurgy
- NO Mechanical Seals
- NO Internal Friction
- Low Maintenance Design
- Twin Shaft Bearings for Long Life
- Designed for Solids & Slurry Jobs



Model FF 4 D

Fast Flow's patented double suction technology produces superior flow rates and high head pressures. It is the only line of submersible pumps with no mechanical seals and no internal friction allowing the pump to run dry or cavitate. The high efficiency hydraulic motors have several advantages over electric submersibles.

Competitive Advantages

- Hardened cast pump housing for long life
- Lighter than other submersible pumps
- Aluminum or stainless steel frame available
- Flame Spray coatings available
- Cost effective compared to other pumps
- Simple design allows for easy servicing
- Field service in under an hour
- Pumps 100 barrels of 15 pound drill mud in 9 min
- Easily repairable by average technician
- Reduces costly pump rebuilding
- Anti clog double suction technology
- Pumps heavy oil field drill mud & solids

Fast Facts

Weight:	98 Pounds
Max Water Flow:	1000 GPM
Vertical Head:	195 Feet Max
Operating PSI:	2000 to 3000 PSI
Hydraulic Flow:	4 to 30 GPM
Power Source:	Hydraulic Driven
Material:	Ductile Iron
Discharge:	4" Male Cam Lock
Dimensions:	22" x 17" x 15"
Hydraulic Oil:	AW-32 or AW-46

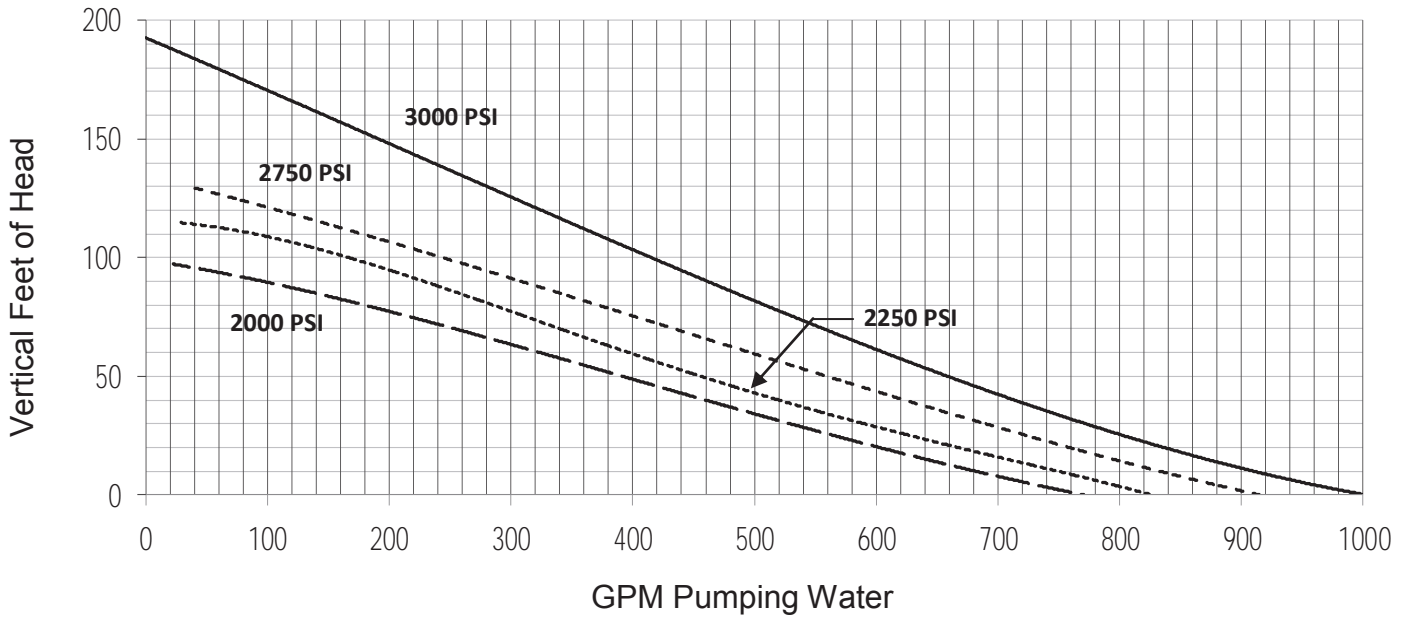
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4" DUCTILE IRON PUMP

4" Ductile Iron Pump Curve

— 3000 PSI - - 2750 PSI - - - 2250 PSI - - - 2000 PSI



OIL WELL CELLAR PUMPING



Applications

- | | |
|------------------------------|-----------------------------|
| Oil rig, well cellar pumping | Heavy crude pumping |
| Solids slurry pumping | Paraffin crude pumping |
| Reserve pit pumping | Diesel and jet fuel pumping |
| Refinery tank clean outs | Oil well blow out cleanup |
| Heavy solids pumping | Drill mud preparation |
| Oil field applications | Water pumping |
| Disaster response | Charge pump |
| Oil spill clean up | Vacuum truck assist |
| Barge pumping | Fly ash pumping |
| Sewage pumping | Pit dewatering |
| Irrigation systems | Directional drilling |
| Salvage jetting and pumping | Construction dewatering |
| Agriculture pond pumping | Flood water abatement |
| Coal mine pumping | Utility break locations |
| Frac tank cleaning | Vessel dewatering |