



The World Leader in
Free-Disc Pumping
Technology



4" Model 4DDSX30 Double Disc Pump

Features:

- Non-close tolerance design provides for extremely low wear and very low life cycle costs
- "Maintain-in-Place" hinged housing design allows servicing w/out disturbing piping
- Seal-less design, no packing or mechanical seals, no seal water required
- Runs dry without damage
- Self-priming with high suction lift capability
- No check valves, no fouling problems
- Passes up to 1" solids and line size semi-solids
- No routine maintenance required
- Two (2) year warranty
- Made in the USA



Technical Specifications:

Typical Flow Range:	0 - 160 GPM
Displacement:	0.30 gallons/revolution
Operating Speeds:	Up to 400 RPM
Discharge Pressure:	Up to 60psi operating Up to 110psi stall pressure
Suction Pressure:	28ft lift to 30psi
Fittings:	4" 150# Flanged

The Ultimate in Sludge Pumps™

Materials of Construction:

Housings:	Cast iron	Optional:	Lined with Neoprene, Glass, PVC, Tungsten Carbide, others
Elastomers:	Neoprene		Buna-N, EPDM, HNBR, Viton, others
Connecting Rods:	High-tensile Aluminum		
Drive Shaft:	High-tensile 400 Series SS		
Eccentric Cams:	High tensile bronze alloy		
Bearing Pedestals:	Aluminum		
Frame and Covers:	304SS	Optional:	316SS, Galvanized Steel

Drives Systems:

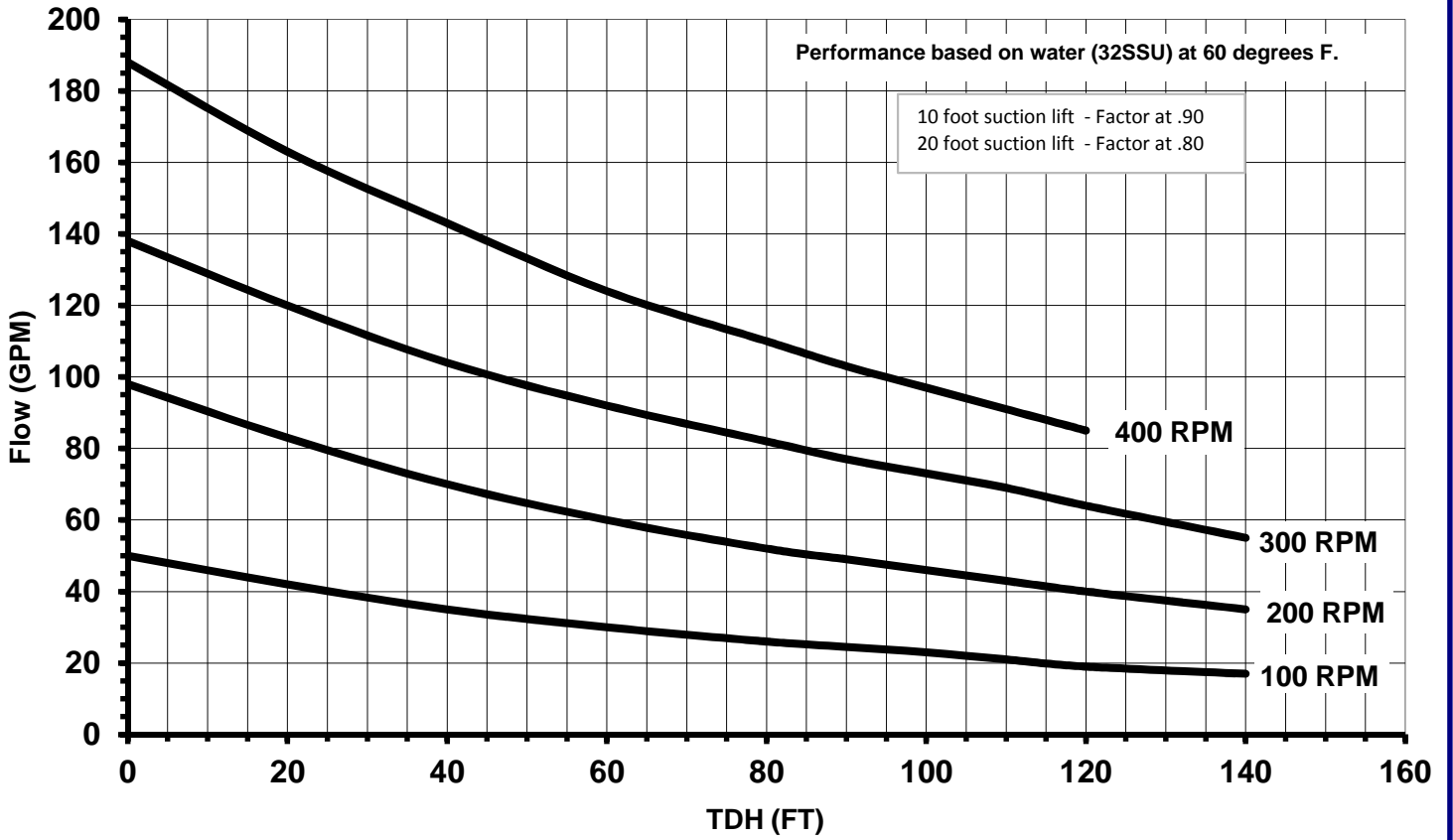
Static:	Electric belt and pulley	Optional:	Gearmotor, Air and Hydraulic motor
Portable:	Electric, Gas and Diesel Engine		

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Performance Curve

Performance based on water (32SSU) at 60 degrees F.

10 foot suction lift - Factor at .90
20 foot suction lift - Factor at .80



Power Consumption Curve

Performance based on water (32SSU) at 60 degrees F.

