



The World Leader in
Free-Disc Pumping
Technology



8" Model 8DDDX214 Double Disc Pump

Features:

- Non-close 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 stuffing box 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 2" solids and line size semi-solids
- No routine maintenance required
- Two (2) year warranty
- Made in the USA



Technical Specifications:

| | |
|---------------------|--|
| Typical Flow Range: | 0 - 1100 GPM |
| Displacement: | 2.14 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 |
| Connections: | 8" 150# Flanged |

The Ultimate in Sludge Pumps™

Materials of Construction:

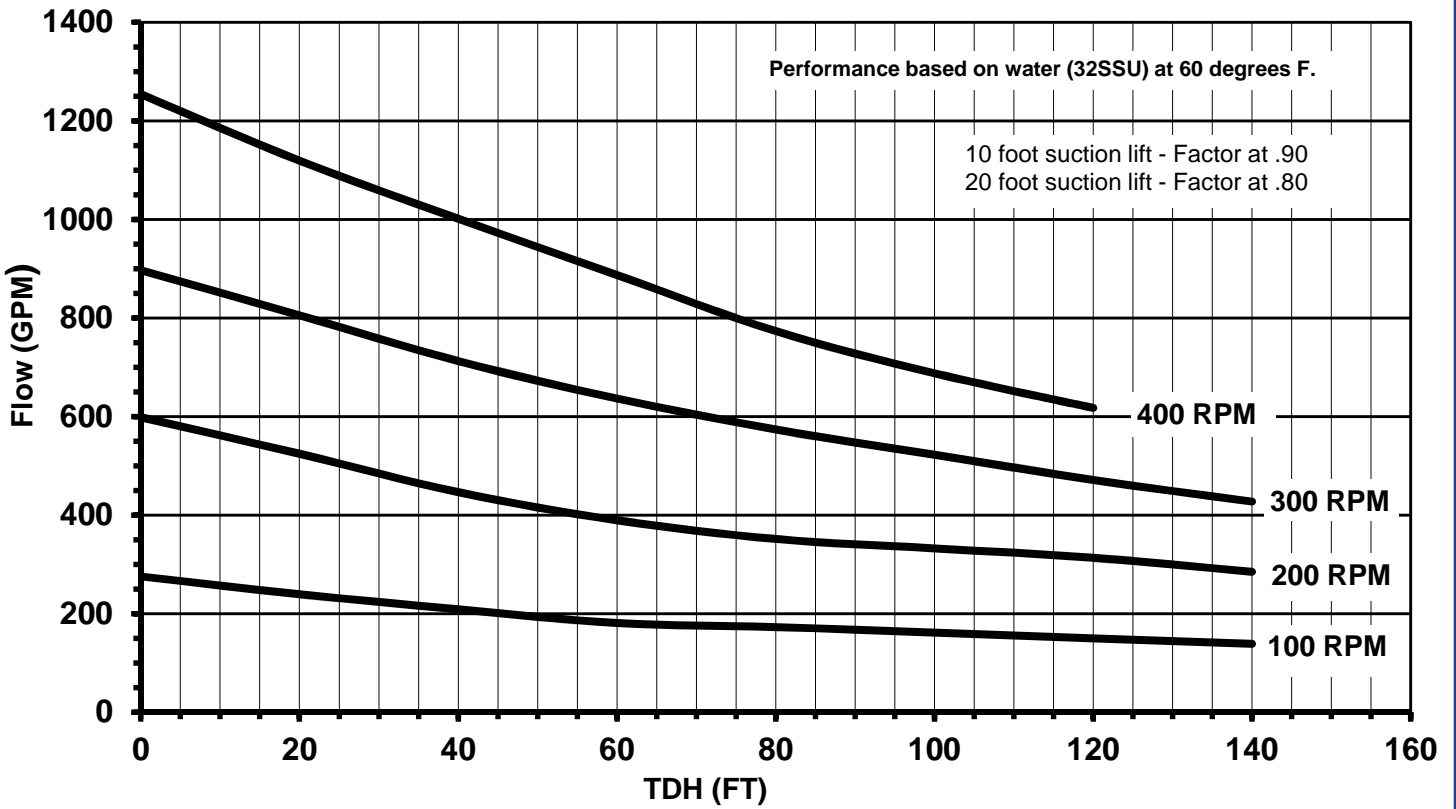
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|-------------------|----------------------------|-----------|---|
| Housings: | Cast iron | Optional: | Lined with Neoprene, Glass, PVC, Tungsten Carbide, others |
| Elastomers: | Neoprene | | Buna-N, EPDM, HNBR, Viton others |
| Connecting Rods: | 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 |

Drive Systems:

| | | | |
|------------------|---------------------------------|-----------|------------------------------------|
| Static: | Electric belt and sprocket | Optional: | Gearmotor, Air and Hydraulic motor |
| Trailer Mounted: | Electric, Gas and Diesel engine | | |

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Performance Curve



Power Consumption Curve

