



## Model 8DDSX125 Double Disc Pump™

**Features and Benefits:**

- Patented “Maintain-in-Place” design allows servicing w/out disturbing piping
- Only 5 wetted components
- Self-priming with high suction lifts
- Seal-less design, no stuffing box or mechanical seals, no seal water required
- Runs dry without damage
- No check valves, no fouling problems
- Passes up to 2” solids and line size semi-solids
- No routine maintenance required
- Compact design
- Two (2) year warranty



**The Ultimate in Sludge Pumps™**

**Technical Specifications:**

|                     |  |
|---------------------|--|
| Typical Flow Range: | Up to 650 GPM  |
| Displacement:       | 1.25 gallons/revolution                              |
| Operating Speeds:   | Up to 400 RPM  |
| Discharge Pressure: | Up to 60psi operating<br>Up to 110psi stall pressure |
| Suction Pressure:   | 28ft. lift to 30 psi                                 |
| Connections:        | 8” 150# Flanged                                      |

**Materials of Construction:**

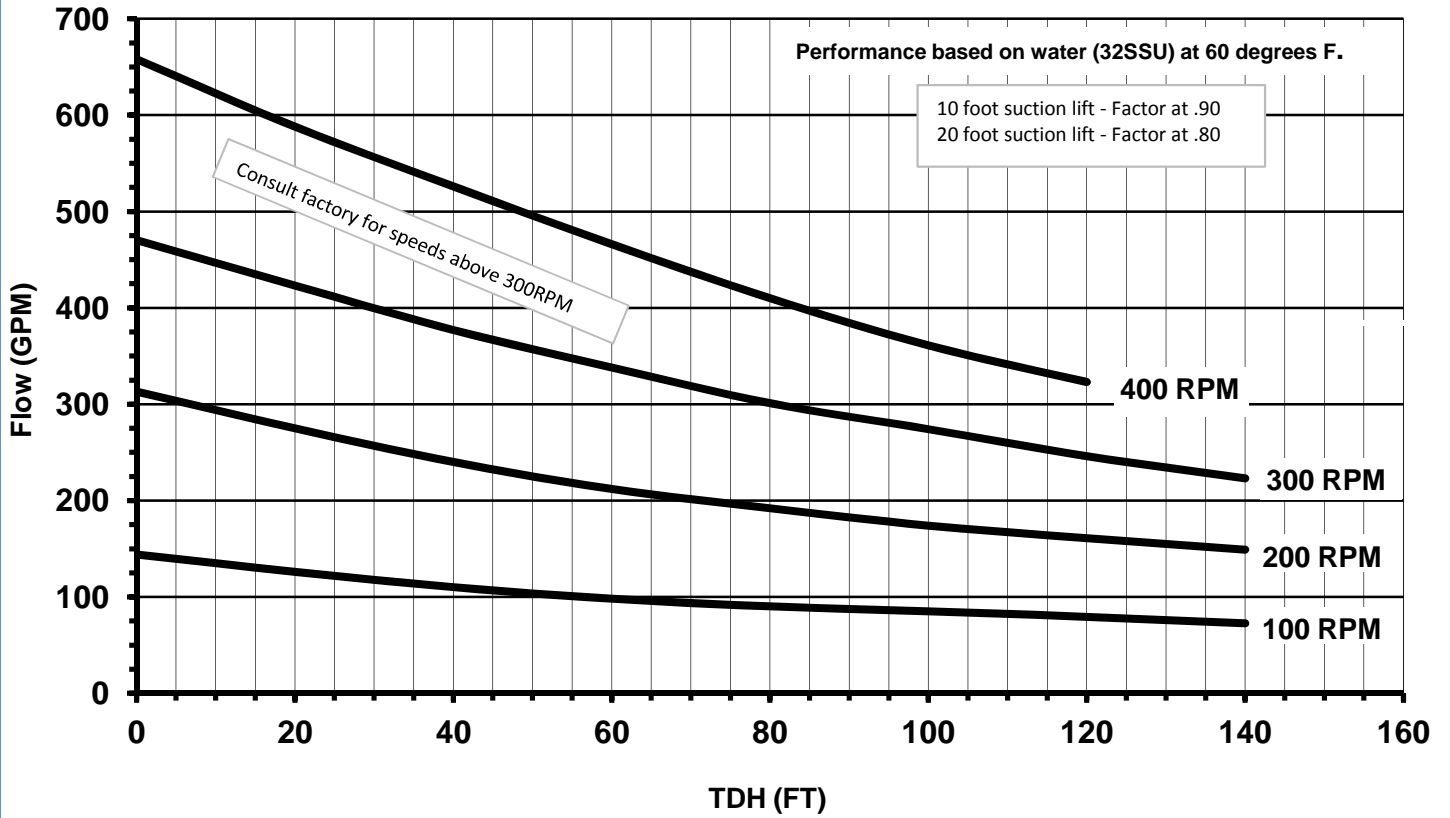
|                   |                            |           |   |
|-------------------|----------------------------|-----------|---|
| Housings:         | Cast iron                  | Optional: | Lined with Hypalon, Neoprene, PVC, Tungsten Carbide, others |
| Elastomers:       | Neoprene                   |           | Buna-N, EPDM, Hypalon, 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:**

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

# 8DDSX125 DOUBLE DISC PUMP™

## Performance Curve



## Power Consumption Curve

