



Penn Valley Pump Company, Inc.

The World Leader in Free-Diaphragm® Pumping Technology

Model 10DDDX250 Double Disc Pump™

Features and Benefits:

- Patented “Maintain-in-Place” design allows Servicing w/out disturbing piping
- Only 10 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 duplex design
- Two (2) year warranty



Technical Specifications:

Typical Flow Range:	Up to 1,300 GPM
Displacement:	2.50 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:	10” 150# Flanged

The Ultimate in Sludge Pumps™

Materials of Construction:

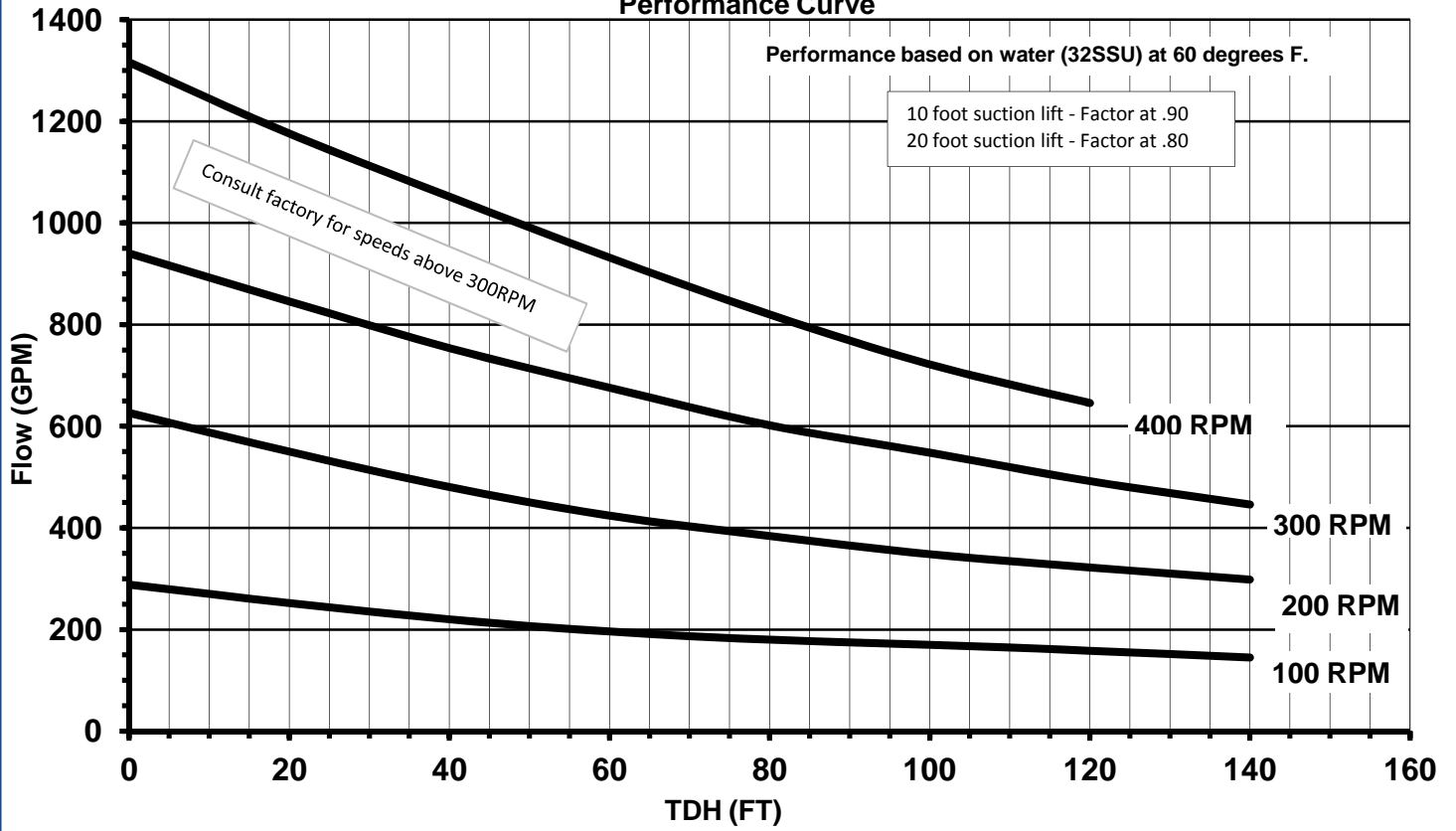
Housings:	Cast iron	Optional:	Lined with Hypalon, Neoprene, PVC, Tungsten Carbide, others
Elastomers:	Neoprene		Buna-N, EPDM, Hypalon, HNBR, Polyurethane, Viton others
Connecting Rods:	High-tensile Aluminum		
Drive Shaft:	High-tensile 400 Series SS		
Eccentric Cams:	High tensile bronze-alloy		
Bearing 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		

10DDDX250 DOUBLE DISC™ PUMP

Performance Curve



Power Consumption Curve

