



# Penn Valley Pump Company, Inc.

The World Leader in Free-Diaphragm® Technology

## Model 2DDSX05 Double Disc™ Pump

### Features and Benefits:

- Compact design
- Only 5 wetted components
- Self-priming with high suction lifts
- Seal-less design, no packing or mechanical seals, no seal water required
- Runs dry without damage
- No check valves, no fouling problems
- Passes up to 1/2" solids and line size semi-solids
- No routine maintenance required
- Custom configurations available
- Two (2) year warranty



### Technical Specifications:

Typical Flow Range:	Up to 45 GPM
Displacement:	0.05 gallons/revolution
Operating Speeds:	Up to 500 RPM
Discharge Pressure:	Up to 52psi operating Up to 60psi stall pressure
Suction Pressure:	28ft. lift to 30psi
Fittings:	2" 150# Flanged

**The Ultimate in Sludge Pumps™**

### Materials of Construction:

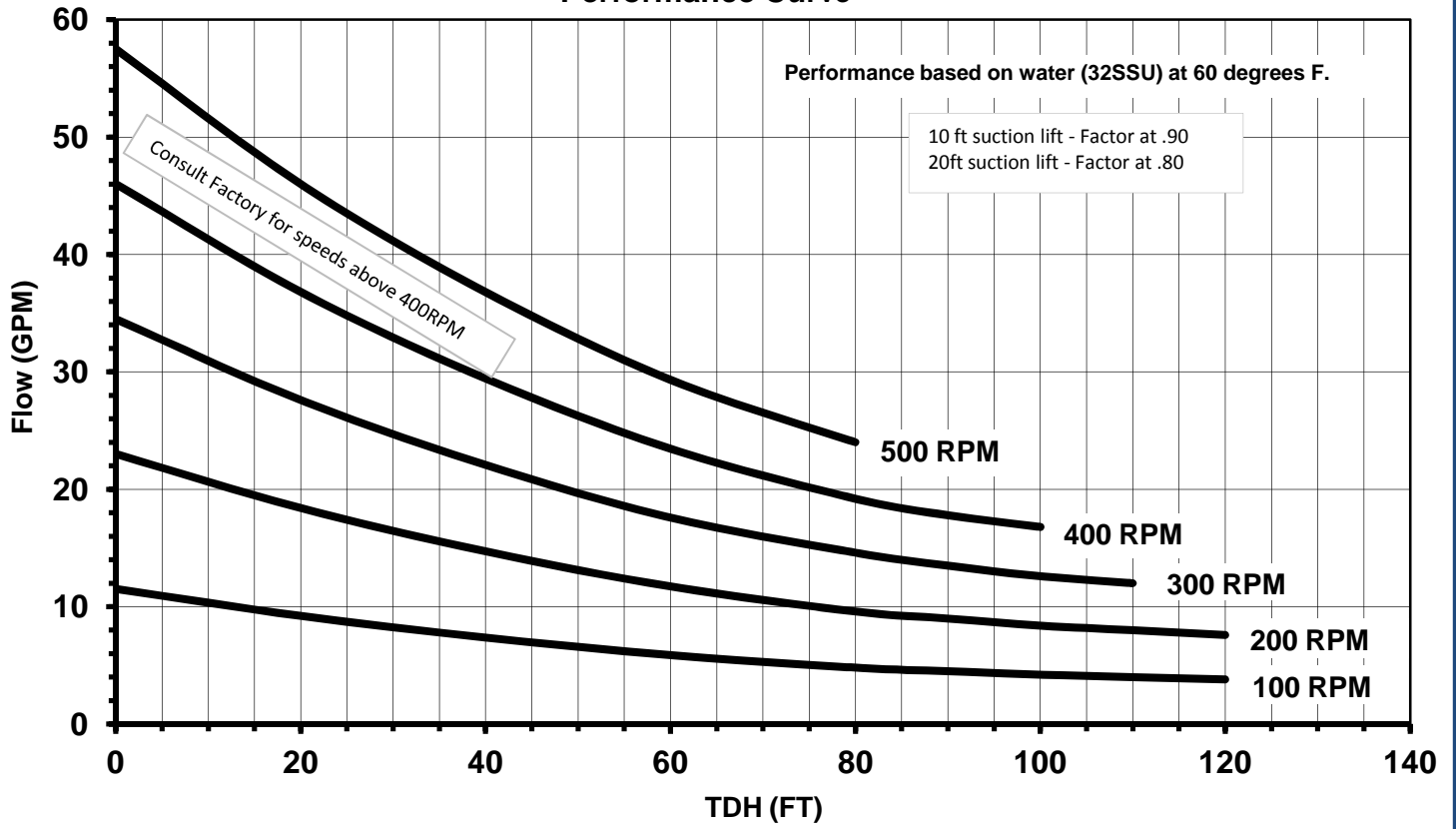
Housings:	Cast iron, Aluminum	Optional:	Lined with Hypalon, Neoprene, PVC, Tungsten Carbide, others
Elastomers:	Neoprene		Buna-N, EPDM, Hypalon, HNBR, Viton, others
Connecting Rods:	High-tensile Aluminum		
Drive Shaft:	High-tensile 400 Series SS		
Eccentric Cams:	400 Series SS		
Bearing Pedestals:	Cast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

### Drives:

Static:	Electric belt and pulley	Optional:	Gear reduced direct drive, Air and Hydraulic motor
Portable:	Electric, Gas and Diesel Engine		

# 2DDSX05 DOUBLE DISC™ PUMP

## Performance Curve



## Power Consumption Curve

