

**SLUDGE PRO®**  
QUADRUPLEX DISC PUMPS  
**6QDWP™**

**BENEFITS**

TRANSFER FROM  
0-502 GPM

MAX. HEAD TO 184'  
(80 PSI)

NO REGULAR  
MAINTENANCE  
REQUIRED

TWO YEAR LIMITED  
WARRANTY\*

IDEAL FOR ABRASIVE,  
VISCOUS AND SHEAR  
SENSITIVE MEDIA

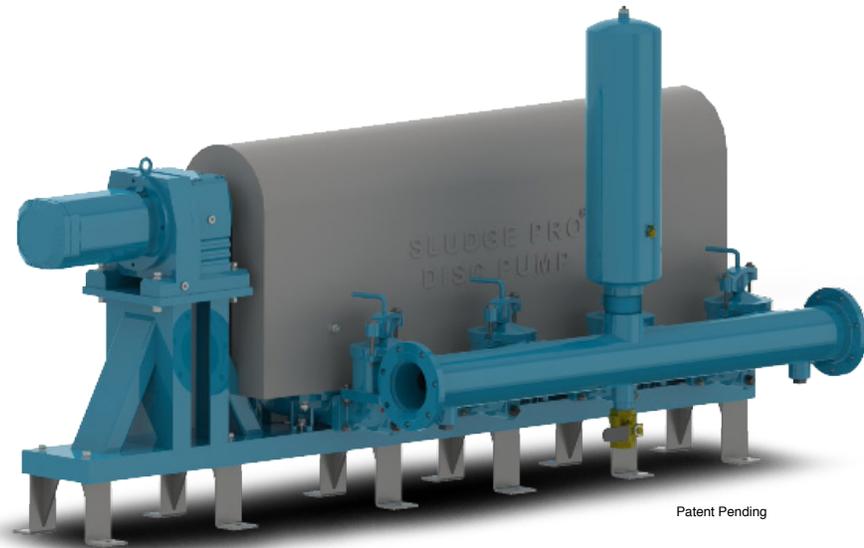
RUNS DRY = NO DAMAGE

SELF PRIMING PUMP

HIGHER OPERATING  
PRESSURE

NEXT GENERATION DISC  
PUMP TECHNOLOGY

\*Contact factory for warranty details.

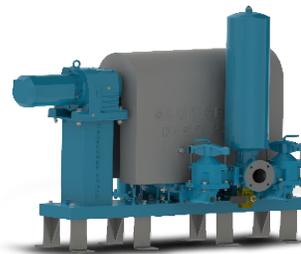


Patent Pending

**TAKING HIGHER CAPACITY DISC PUMP  
TECHNOLOGY TO THE NEXT LEVEL.**

Sludge Pro® disc pumps are designed for a wide range of slurry and sludge process applications for the municipal, industrial, chemical and food processing industries. These durable leak-free pumps are self priming and can run dry without damage for uncompromising pumping reliability. Select from standard direct drive, belt driven, air, hydraulic and engine drive systems.

**SLUDGE PRO® 6QDWP - QUADRUPLEX DISC PUMPS**



**Advanced Disc Pump Technology**

- Seal-less, glandless & leak free design
- OSHA compliant guard
- Over six models to select from



**Innovative Trunnion Options**

Not all pumping applications are alike, that's why Wastecorp offers you the right elastomer for your application including:

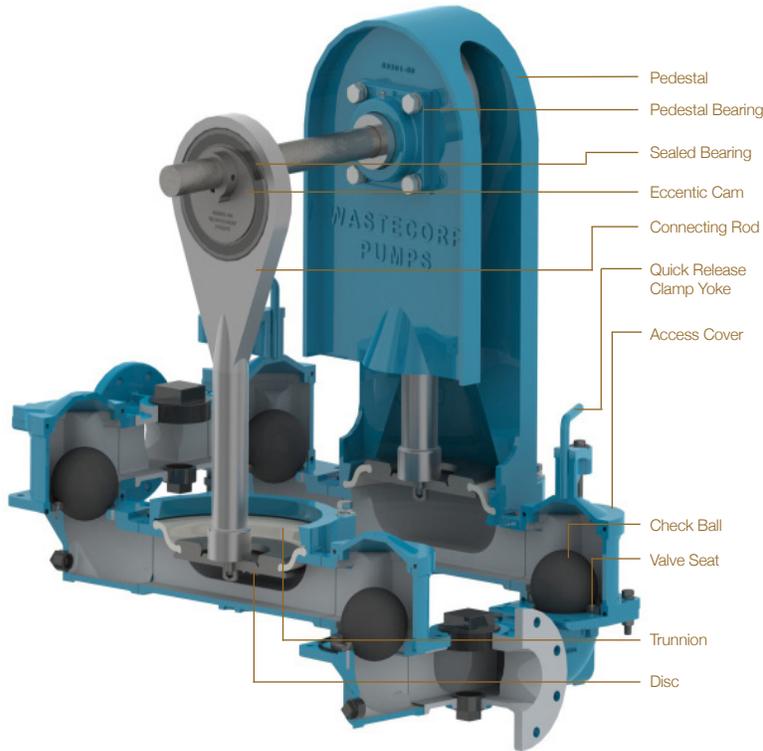
- Santoprene®
- Teflon®
- Buna-N®
- Nordel®
- Viton®
- Neoprene



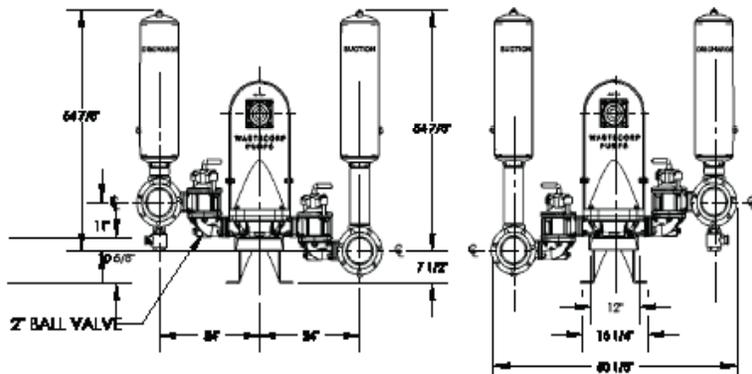
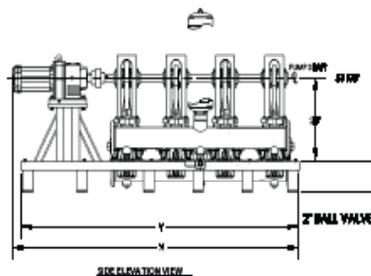
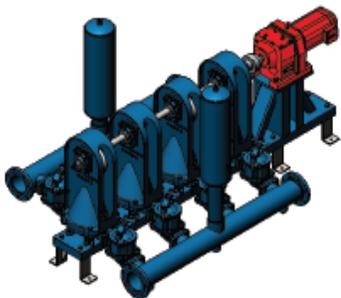
**Pressure Sensor Assembly**

Provides safe protection against dead heading, closed valves or other discharge blockages that can damage the pump. Also permits direct charging of pulsation dampener and access for cleaning.

## CUT AWAY



## APPROXIMATE PUMP DIMENSIONS



## TECHNICAL SPECIFICATIONS

<b>Model</b>	<b>Sludge Pro® 6QDWP</b>
<b>Connection Size</b>	6" 150# Flanged
<b>Typical Flow Range</b>	0-502 GPM
<b>Solids Handling</b>	Max 1 3/4"
<b>Displacement</b>	4.57 gal/rev
<b>Max. Suction Lift</b>	25'
<b>Max. Discharge Head</b>	184' (80 psi) (5.1 bar)
<b>Max. Liquid Temp.</b>	350°F (176°C)
<b>Operating Speed</b>	up to 110 RPM

## MATERIALS OF CONSTRUCTION

	<b>Standard</b>	<b>Optional</b>
<b>Trunnion</b>	Neoprene (TPE) 0°F to 200°F	Santoprene -40°F to +225°F Buna-N® +10°F to +180°F Viton® -40°F to +350°F Teflon® (PTFE) +40°F to +220°F Nordel® -60°F to +280°F
<b>Discs</b>	Ductile Iron, ASTM A 536, Grade 65-45-12	
<b>Ball Valve</b>	Urethane	Teflon®
<b>Sectionalized Construction</b>	Cast Iron ASTM A48 Class 30	See Coating Options Below
<b>Pedestal</b>	Ductile iron ASTM A 536, Grade 65-45-12	
<b>Eccentric Cam</b>	Ductile iron ASTM A 536, Grade 65-45-12	
<b>Drive Shaft</b>	400 Series SS	
<b>Connecting Rod</b>	Ductile iron ASTM A 536, Grade 65-45-12	
<b>Base Frame</b>	Heavy Duty Fabricated Steel	304SS, Galvanized Steel, 316 SS

## DRIVE SYSTEM OPTIONS

<b>Direct Dive</b>	Electric Motor
<b>Optional</b>	Air, hydraulic, belt driven
<b>Engine Driven</b>	Gas or diesel

Note: Consult factory for applications exceeding maximum pressure and/or temperature indicated.

## WETTED CASTING COATING OPTIONS

Xylan, ETFE / PTFE, Dura-S, Nitrile, Neoprene, Nordel, Viton, Hypalon

## PUMP CURVE



### SUCTION LIFTS

Dry Prime Static Suction Lift: 25' (7.62m)  
Wet Prime: 25" Hg 28.4' (8.6m)

CURVE NO.: 64172-00 MODEL: 6QDWP  
PIPE SIZE: 6" x 6" RPM: VARIOUS  
SP. GR.: 1.0 @ 68°F Displacement: 4.57 Gal/Revolution

*Curve based on water (specific gravity = 1.0), with 10 foot static lift.*

*The performance curve shown were taken from actual tests of standard production pumps, and reflect an average performance of the pump indicated.*

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