WASTECORP. Pumps®

SLUDGE PRO®
QUADRUPLEX DISC PUMPS
6QDWP™

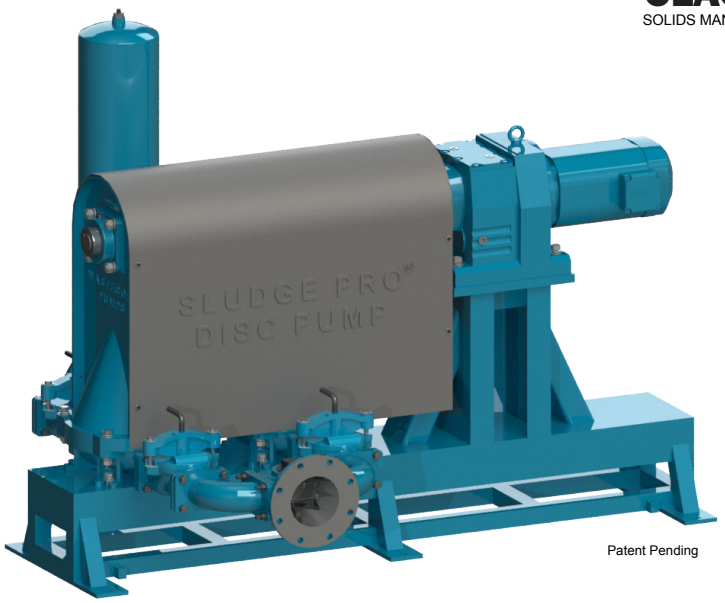
BENEFITS

- TRANSFER FROM 0-502 GPM
- PUMP UP TO 2½" SOLIDS
- 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.

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CLACK VALVE
SOLIDS MANAGEMENT TECHNOLOGY



Patent Pending

ADVANCED CLACK VALVE DISC PUMPS.

Sludge Pro® clack valve 6QDWP disc pumps use innovative smart technology to elevate double disc pumps to a new level. Wastecorp clacks withstand the rigors of daily pumping at municipal WWTP's, food processing facilities and other industrial sludge pumping applications. Plus, Sludge Pro Pumps are operator and maintenance friendly. No regular maintenance required.

SLUDGE PRO® 6QDWP - QUADRUPLEX DISC PUMPS



Advanced Smart Clack Solids Management Technology

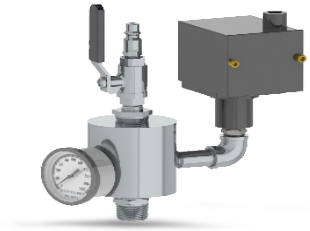
- Unobstructed flow path allows sludge and solids to efficiently transfer through the pum
- Self-valving clack flexes open to pass solids up to 2 ½
- Advanced non-slmamming properties reduces pulsation and increases efficienc



Innovative Trunnion Options

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

- · Santoprene®
- · Buna-N®
- · Viton®
- · Teflo ®
- · Nordel®
- · 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.

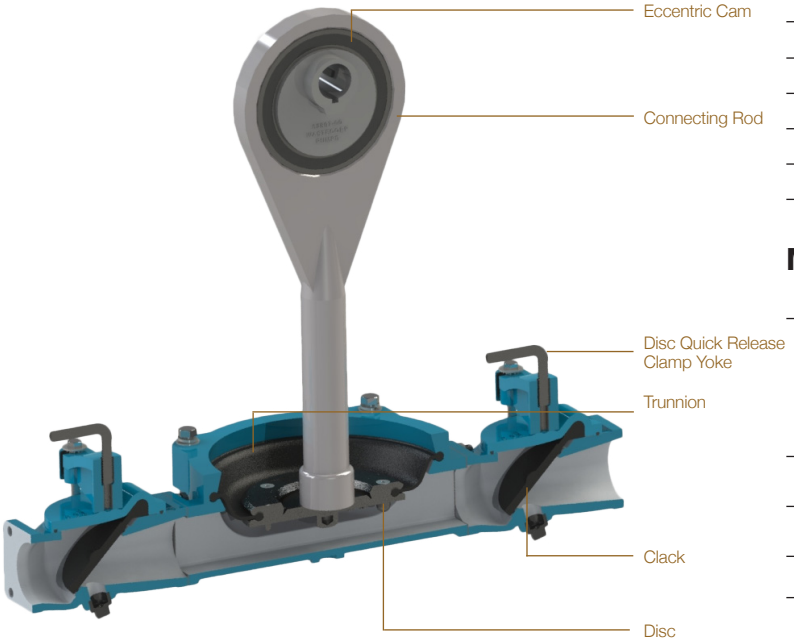
rev May 9 2019

WASTECORP. Pumps SLUDGE PRO®

DISC PUMPS

WASTECORP. Pumps®

CUT AWAY



TECHNICAL SPECIFICATIONS

Model	Sludge Pro® 6QDWP
Connection Size	6" 150# Flanged
Typical Flow Range	0-502 GPM
Solids Handling	Max 2½"
Displacement	4.57 gal/rev
Max. Suction Lift	25'
Max. Discharge Head	184' (80 psi) (5.1 bar)
Max. Liquid Temp.	350°F (176°C)
Operating Speed	up to 110 RPM

MATERIALS OF CONSTRUCTION

	Standard	Optional
Trunnion	**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
Discs	Ductile Iron, ASTM A 536, Grade 65-45-12	
Clack Valve	Neoprene	Viton, EPDM
Sectionalized Construction	Cast Iron ASTM A48 Class 30	See Coating Options Below
Pedestal	Ductile iron ASTM A 536, Grade 65-45-12	
Eccentric Cam	Ductile iron ASTM A 536, Grade 65-45-12	
Drive Shaft	400 Series SS	
Connecting Rod	Ductile iron ASTM A 536, Grade 65-45-12	
Base Frame	Heavy Duty Fabricated Steel	304SS, Galvanized Steel, 316 SS

DRIVE SYSTEM OPTIONS

Direct Dive	Electric Motor
Optional	Air, hydraulic, belt driven
Engine Driven	Gas or diesel

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

WETTED CASTING COATING OPTIONS

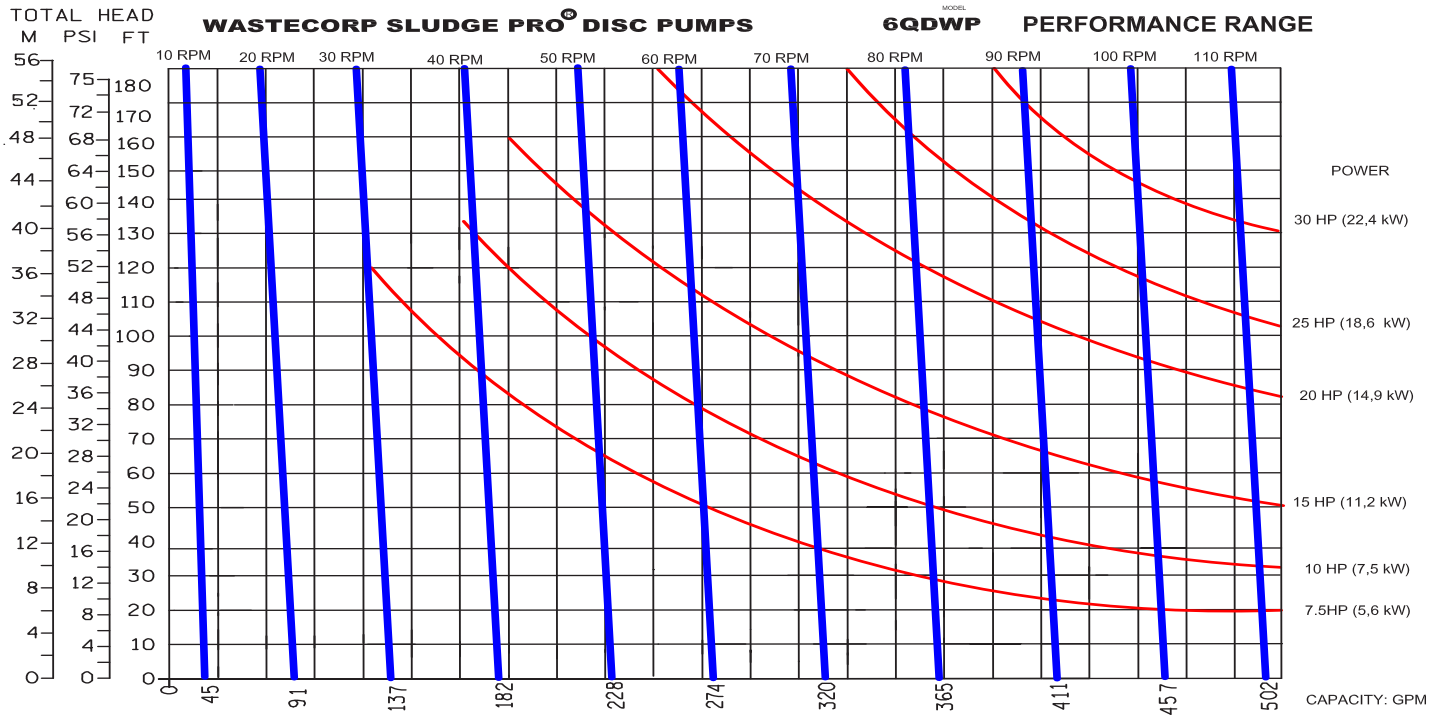
Xylan, ETFE / PTFE, Dura-S, Nitrile, Neoprene, Nordel, Viton, Hypalon

Sludge Pro Pumps are designed, engineered and manufactured in by Wastecorp Pumps in North America. Country/region specific models are available worldwide.
Dimensions and weight are approximate. Wastecorp Pumps reserves the right to make changes in design, materials and operating ranges without notice.

WASTECORP. Pumps SLUDGE PRO® DISC PUMPS

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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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