

FOR TOUGH PUMPING JOBS, NOTHING BEATS A SLUDGE PRO PUMP

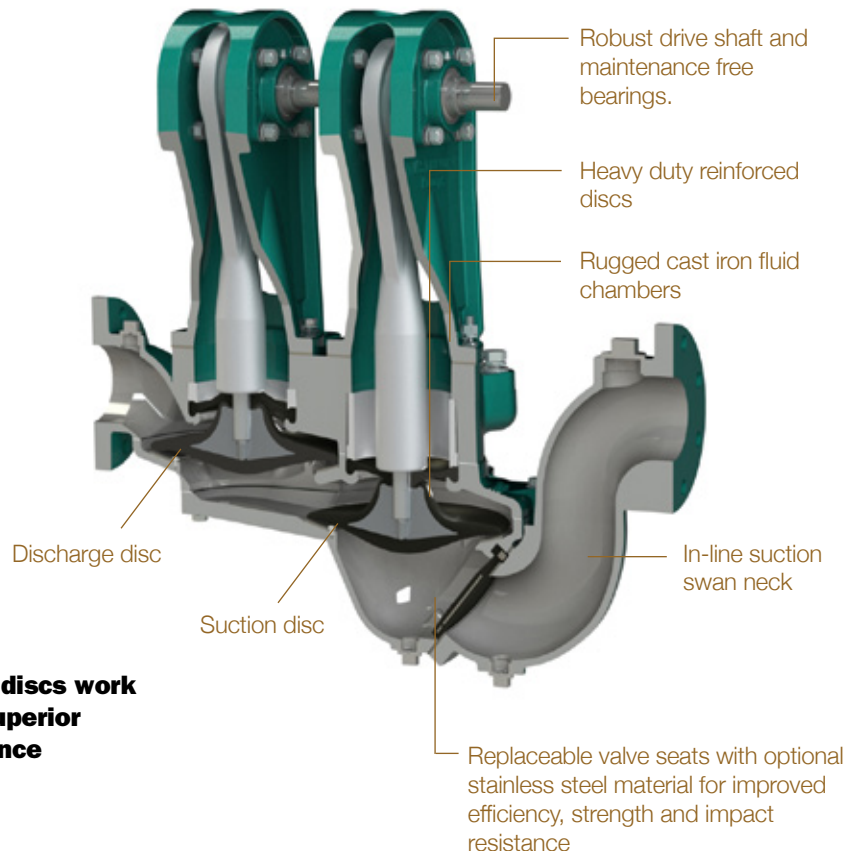
- No regular maintenance required
- Runs dry without damage
- Maintain-in-place Guide Pilot®
- Seal-less, gland-less design
- No packing or mechanical seals
- Low shear positive displacement performance
- No close tolerances
- Low friction design
- No rubbing action, allows pump to transfer highly abrasive slurries



Patent Pending

GENERAL APPLICATIONS

- Primary sludge pump
- Thickened sludge transfer
- Scum transfer
- Rotary press feed
- Screw press feed pump
- Waste activated sludge
- Belt filter press feed
- Industrial slurry and sludge transfer
- Centrifuge feed
- Food process slurries



Induced double acting discs work in unison to achieve superior non-clogging performance



TECHNICAL SPECIFICATIONS

Model	Sludge Pro® 10DDMK
Connection Size	10" 150# Flanged
Typical Flow Range	0-1650 GPM
Solids Handling	Up to 2½" solids
Max. Discharge Head	75 psi
Operating Speed	up to 400 RPM

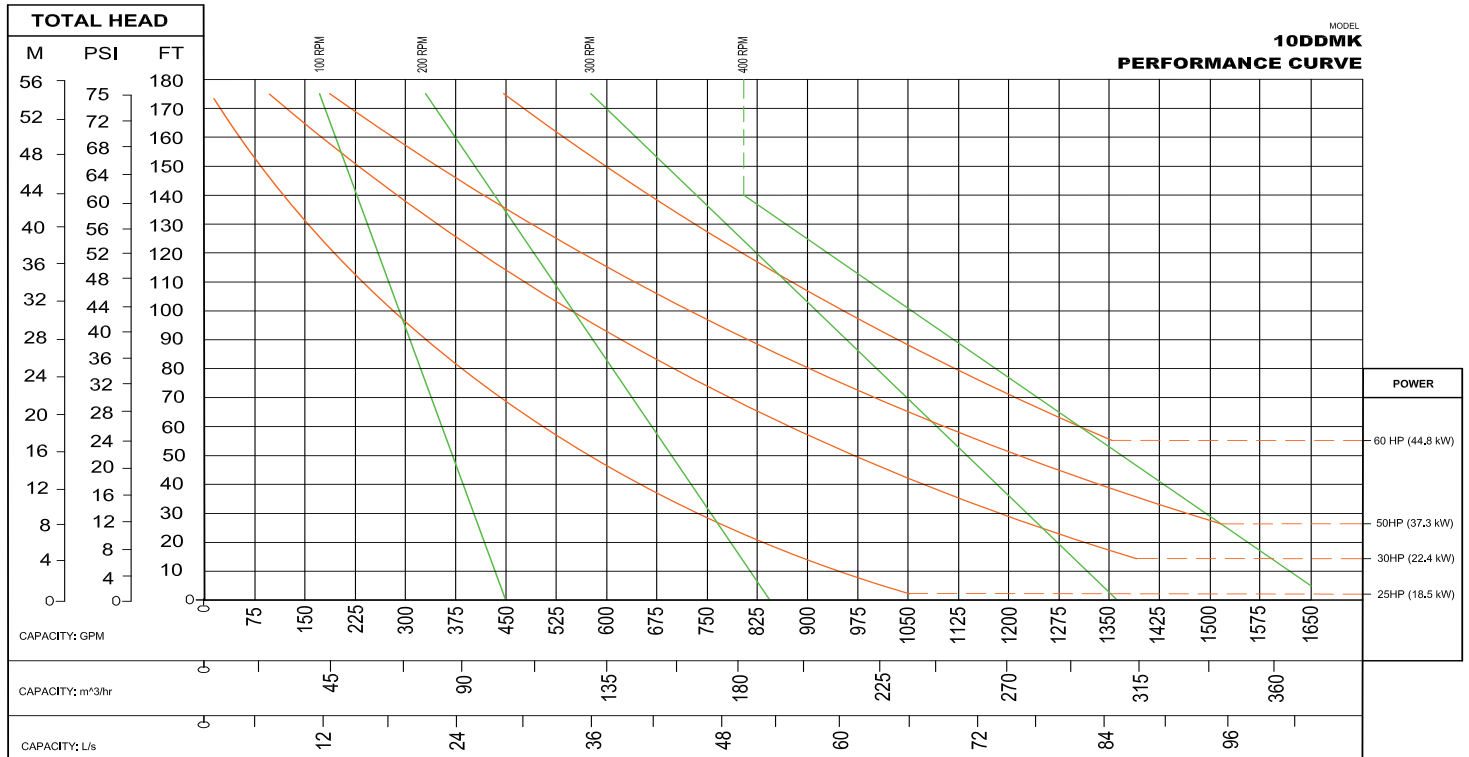
MATERIALS OF CONSTRUCTION

	Standard	Optional
Trunnions & Discs	Neoprene (TPE) -10°F to 200°F	Buna-N® +10°F to +180°F Viton® -40°F to +350°F HNBR® +10°F to +220°F EPDM +10°F to +280°F
Includes multi-layer fabric reinforced internals		
Pump Bodies & Swan Neck	Cast iron	
Clack Valve	Neoprene	Buna-N, Viton, EPDM, HNBR
Pedestal Tower	Aluminum	
Eccentric	Bronze alloy	
Pump Shaft	416 Series Stainless steel	
Connecting Rods	Aluminum	
Base Frame	Heavy Duty fabricated steel	304SS, 316 SS, Galvanized Steel,

DRIVE & MOUNTING SYSTEM OPTIONS

Standard: Side mount belt driven	Electric Motor
Optional	Piggy back or direct drive rotating frame, hydraulic, engine or pneumatic

PUMP CURVE



SUCTION LIFTS

Dry Prime: 7' (2.2m)
Re-prime: 18' (5.5m)
Flooded Suction: 28' (8.5m)

MODEL: 10DDMK

SIZE: 10" x 10"

RPM: VARIOUS

SP. GR.: 1.0 @ 68°F

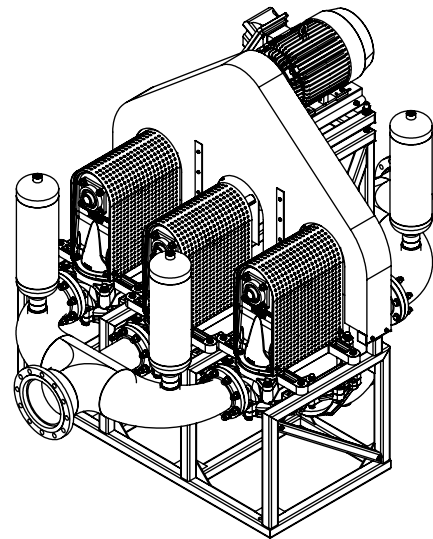
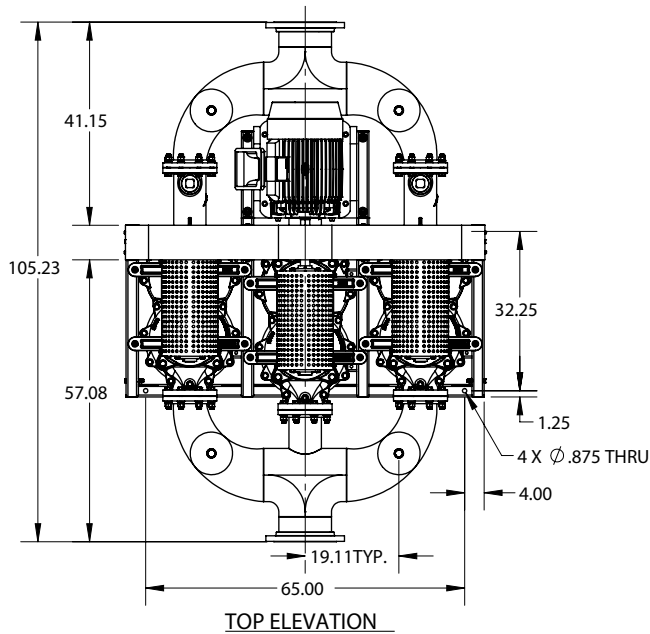
SOLID PASSAGE: Ø 2-1/4"

Displacement Per Stroke: 3.36 gal/rev@60 ft/ 200 rpm

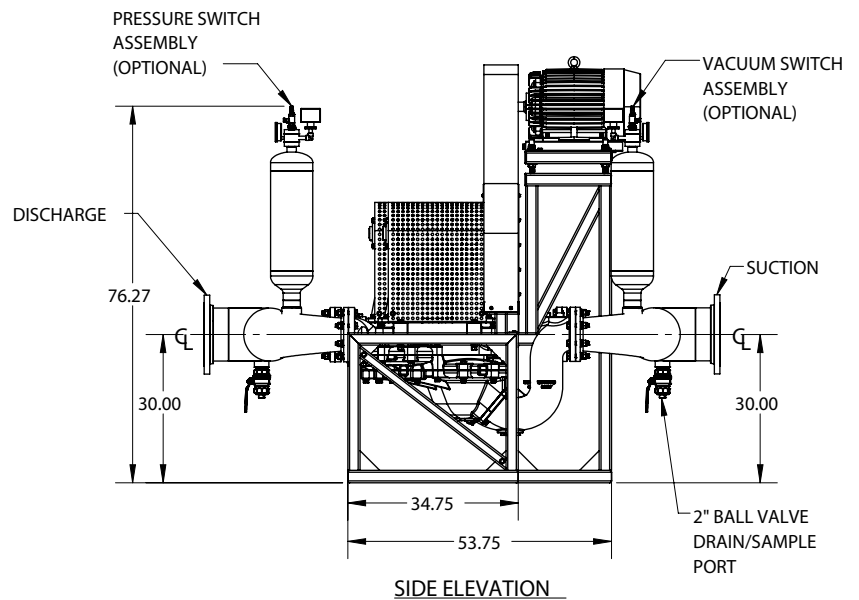
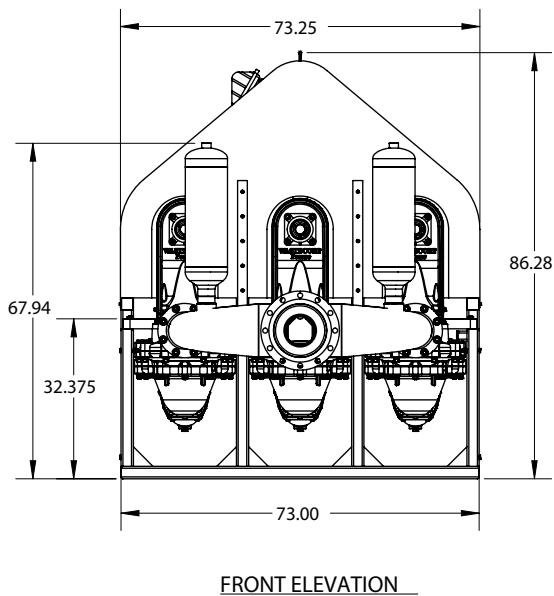
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Curve based on water (specific gravity = 1.0), with 10 foot static lift.
The performance curve shown were taken from actual tests of standard production pumps, and reflect an average performance of the pump indicated.

APPROXIMATE PUMP DIMENSIONS - SIDE MOUNT BELT DRIVEN (STANDARD)



ISO ELEVATION



Approximate Equipment Weight: 8500 lbs.