

# 6612-SA

Vacuum Assisted.  
Heavy Duty Solids Handling Pump

## PUMP

### SUCTION SIZE

6" AISI 125# flange

### DISCHARGE SIZE

6" AISI 125# flange

### SOLIDS HANDLING

3"

### MAX SUCTION LIFT

28'

### WEAR RING

ASTM A48. Class 30 cast iron

### VOLUTE CASING

Ductile iron. ASTM A536 65-45-12

### BACKPLATE

Ductile iron. ASTM A536 65-45-12

### MECHANICAL SEAL

Tungsten vs. silicon carbide seal faces.  
Viton elastomers. 300 series stainless  
steel hardware & spring. Seal system  
designed for dry indefinite running

### IMPELLER

Enclosed type. Two vane. Non-Clog.  
CA6NM. Cast stainless ASTM A743

### BEARING HOUSING

Grease lubricated. 100.000Hr B10 life.  
ASTM A48. Class 30 cast iron.  
Option for oil lubricated available

### SHAFT

17-4 Stainless steel.  
ASTM A564. A747



## DRIVE

### MODEL

Deutz TD2.9

### HORSEPOWER

74.2 HP @ 2600 RPM

### OPERATING SPEED

900-2000 RPM

### GOVERNOR

Electronic

### FUEL CONSUMPTION

Max 4.6 Gal/Hr

### SAFETY SHUT DOWN

Oil temp. Oil level. Coolant temp

### CONTROL PANEL

Controls Inc

Contact us for custom  
build features.

## FRAME

### TYPE

Trailer

### CONSTRUCTION

Heavy duty. powder coated. Fabricated  
steel. Fork pockets and lifting frame

### FUEL TANK

85 Gal

### AXLE

Single 5200lb  
Torsion Flex

### BRAKES

Electric w/ DOT lighting package

## PRIMING

### PRIMING SYSTEM

50 CFM diaphragm vacuum pump.  
Mechanically driven

### AIR/WATER CHAMBER

Chamber designed to separate air and  
water before entering the pump case

### DISCHARGE CHECK VALVE

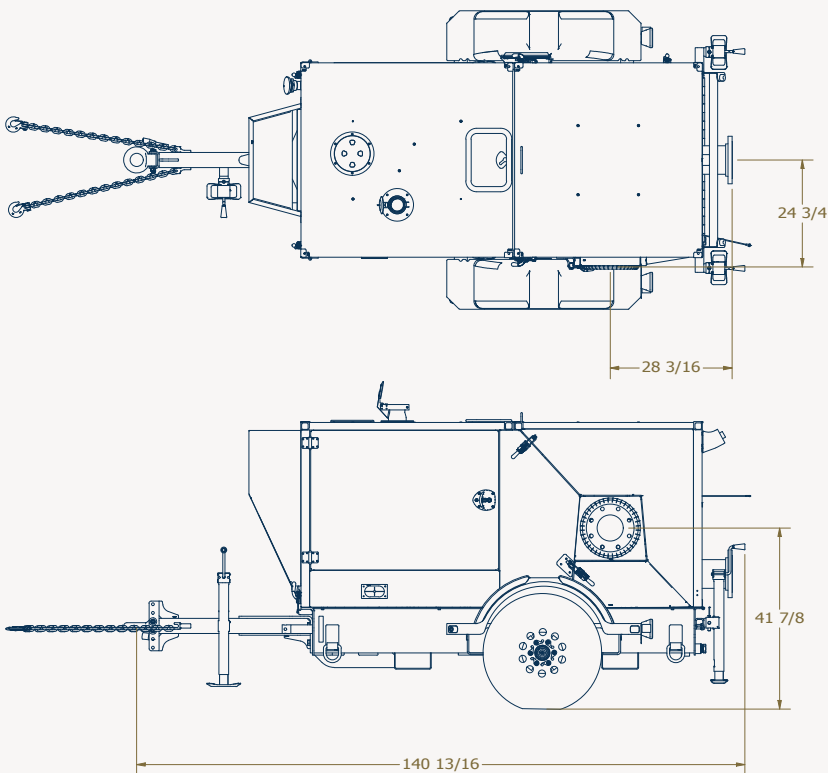
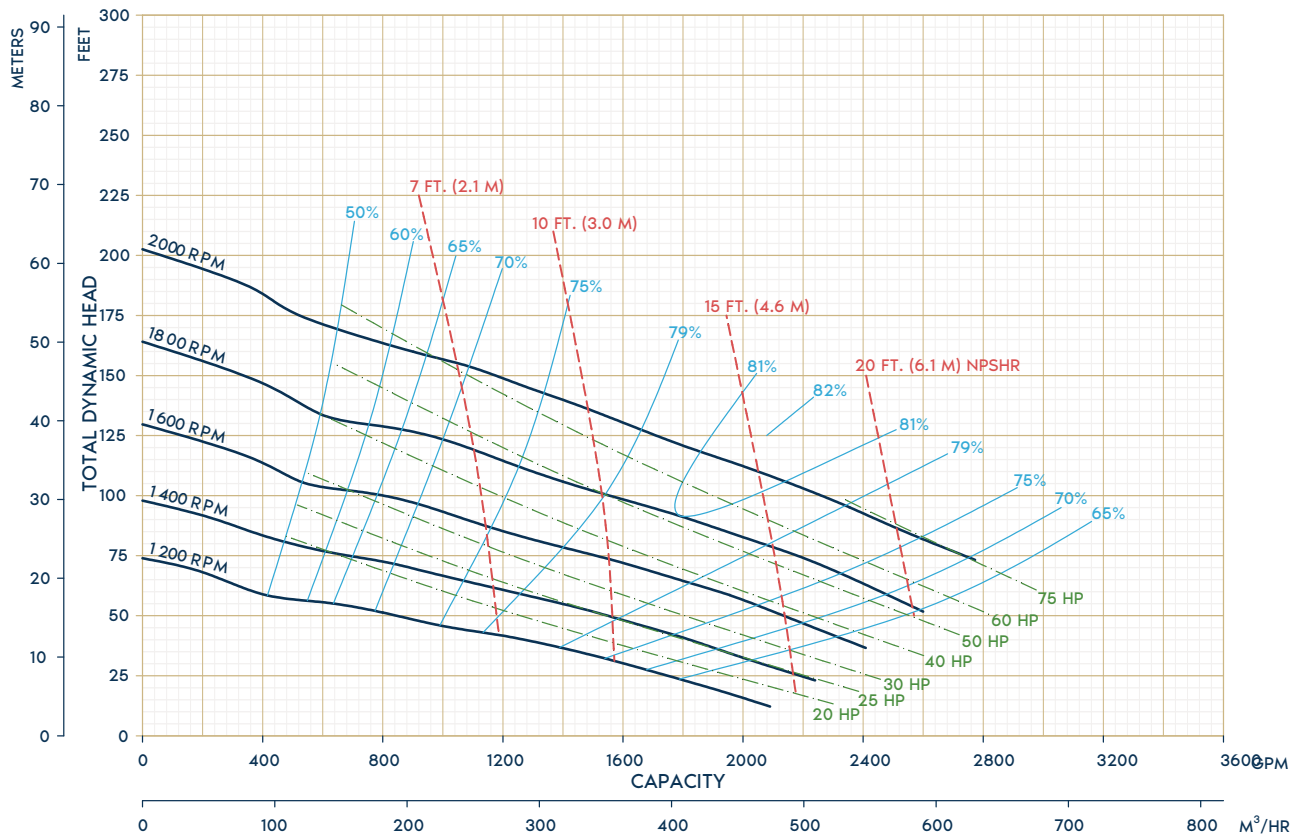
Swing type. Ductile iron w/Buna-N Disc



**PREMIER**  
PUMP + POWER

Performances shown are for S.G. 1.0  
60°F water, close-coupled configuration  
w/ Cyclo seal. Other mounting styles or  
S.G. may require curve adjustments.

| Speed   | Impeller Dia. | Style    | Volute | Solids Dia. | N <sub>s</sub> | Suction | Discharge | No. Vanes |
|---------|---------------|----------|--------|-------------|----------------|---------|-----------|-----------|
| VARIOUS | 12"           | ENCLOSED | SINGLE | 3"          | 2390           | 6"      | 6"        | 2         |



SHIPPING WEIGHT: 4400 LBS. (DRY)  
5044 LBS. (WET)

NOTES:  
1. DIMENSIONS TO BE USED AS REFERENCE  
ONLY. ACTUAL FIGURES MAY VARY.  
2. ALL HEIGHTS ARE DEPENDENT ON THE SITE  
CONDITIONS.

