

8812-SA

Vacuum Assisted.
Heavy Duty Solids Handling Pump



PUMP

SUCTION SIZE

8" AISI 125# flange

DISCHARGE SIZE

8" 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

Steel 4140/4142 HT & STR REL to
ASTM A434 CL. AISI 4140/2 or AISI 4340

DRIVE

MODEL

Deutz TCD3.6

HORSEPOWER

134 HP @ 2200

OPERATING SPEED

800-2200 RPM

GOVERNOR

Electronic

FUEL CONSUMPTION

Max 7.2 Gal/Hr

SAFETY SHUT DOWN

Oil temp. Oil level. Coolant temp.
DEF Regen

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

150 Gal

AXLE

Single 7000lb.
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

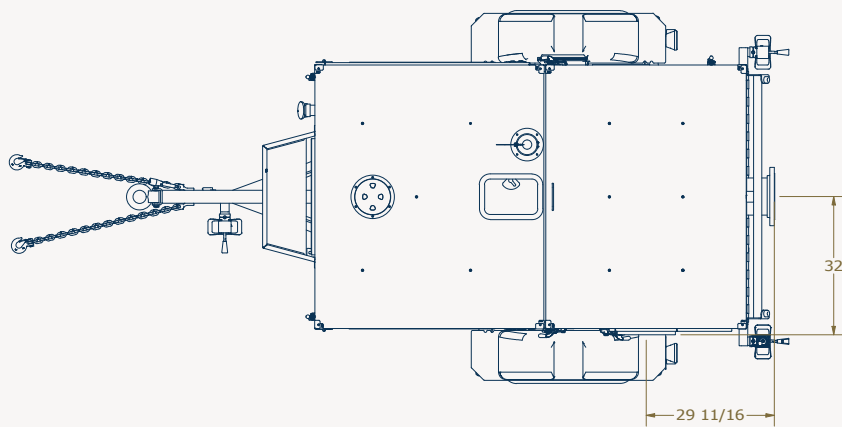
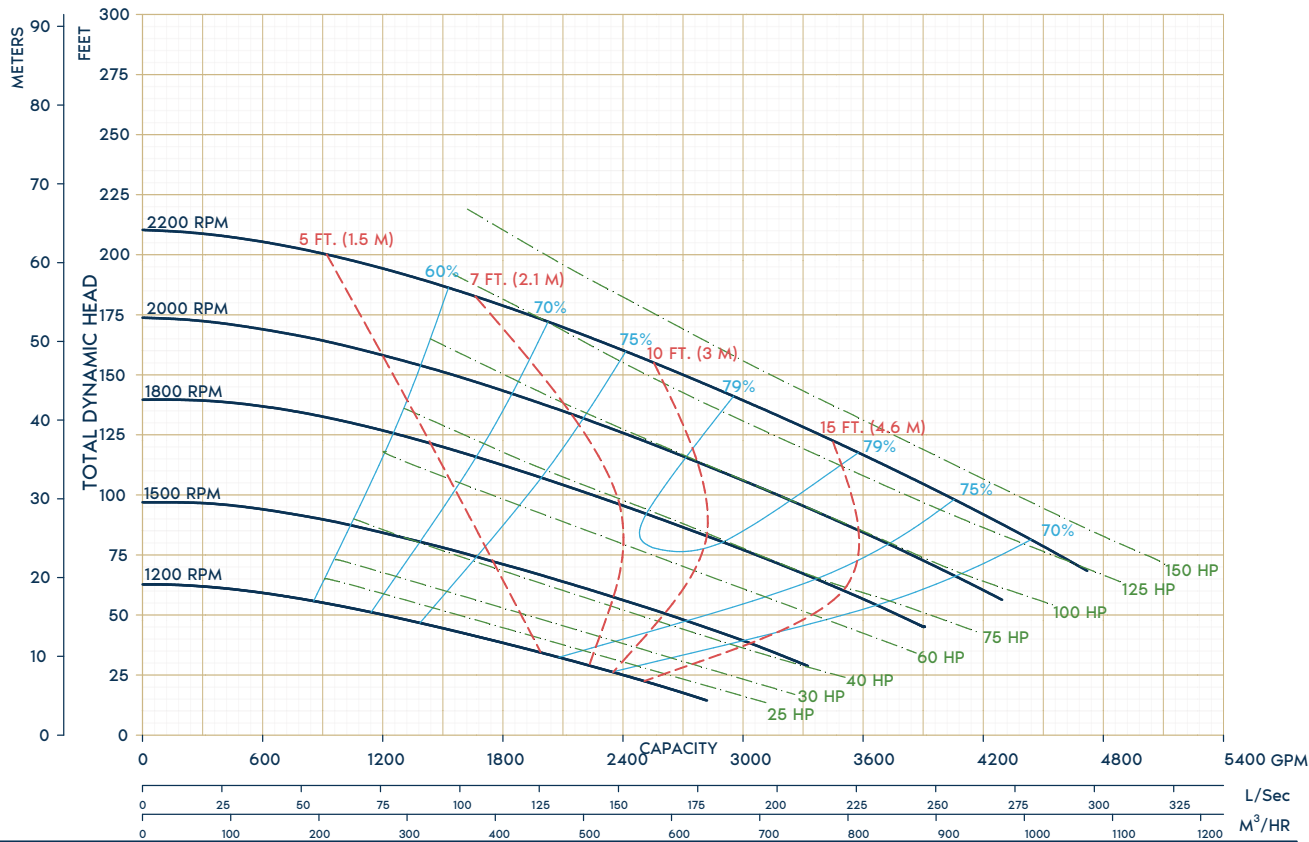
Swing type. Ductile iron w/Buna-N Disc



PREMIER
PUMP + POWER

Performances shown are for S.G. 1.0
60°F water, frame mounted configuration
Other mounting styles or S.G.
may require curve adjustments.

Speed	Impeller Dia.	Style	Volute	Solids Dia.	N _s	Suction	Discharge	No. Vanes
VARIOUS	12.25"	ENCLOSED	SINGLE	3"	3253	8"	8"	2



SHIPPING WEIGHT: TBD LBS. (DRY)
TBD LBS. (WET)

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

