

6610-E

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

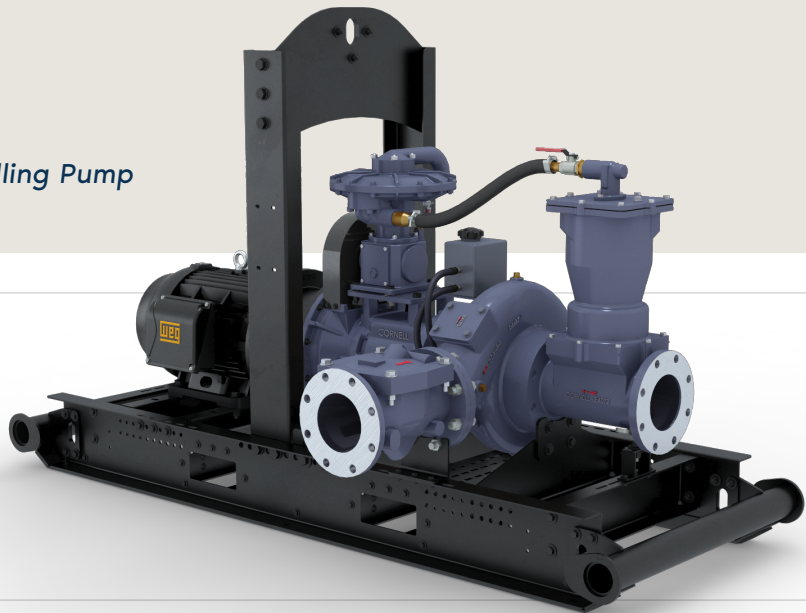
Enclosed type. Two vane. Non-Clog.
CA6NM Cast Stainless ASTM A743

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

3-Phase. 60Hz. 460V.
Class 1. Div 2. TEFC electric motor

HORSEPOWER

40 HP

OPERATING SPEED

1800 RPM.
VFD Required for other RPMs

CONTROL PANEL

Options for junction box. Across the line.
Soft start. VFD available

FRAME

TYPE

Skid

CONSTRUCTION

Heavy duty. powder coated. fabricated steel. Fork pockets and lifting frame.
Options for Galvanizing Available

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

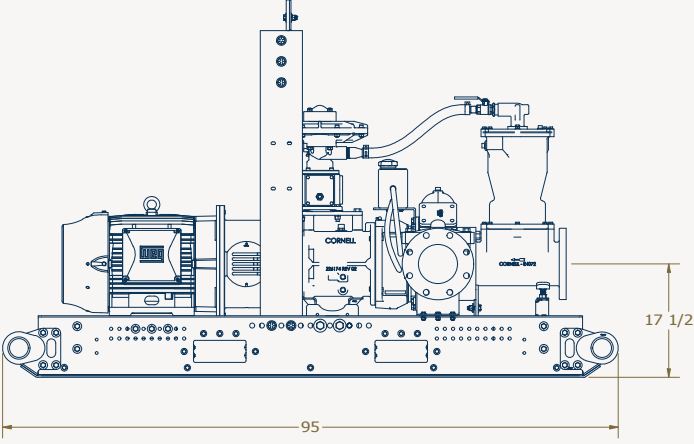
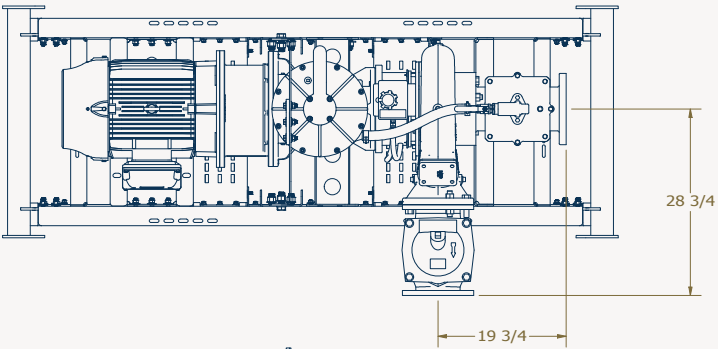
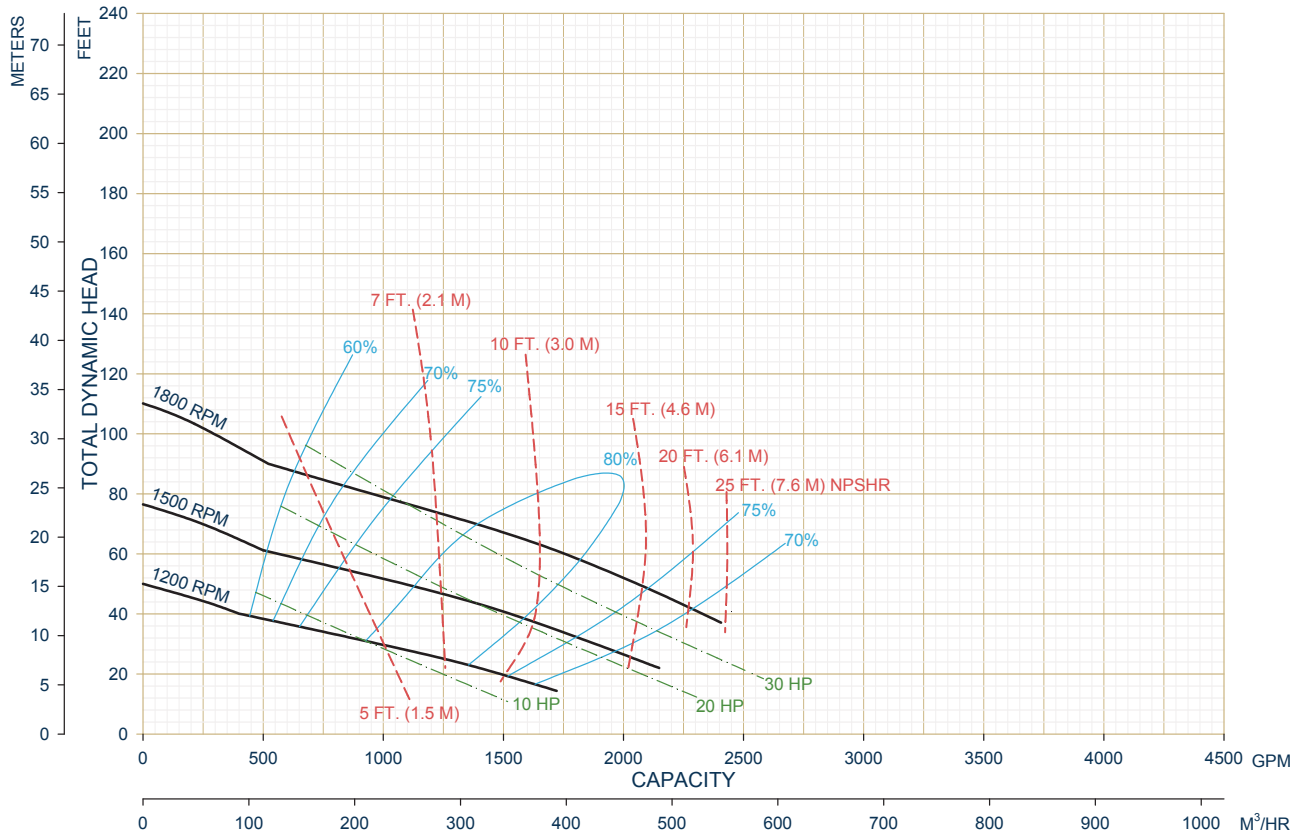
Contact us for custom
build features.



PREMIER
PUMP + POWER

60°F water, close-coupled 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	10.09"	ENCLOSED	SINGLE	3.0"	3300	6"	6"	2



SHIPPING WEIGHT: 2160 LBS.

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

