



Efficient by Design

# 2ST

## SELF PRIMING TRASH PUMP



### PRODUCT CAPABILITIES

Size	2" x 2"
Capacities To	260 GPM
Total Dynamic Heads	120 Ft.
Solids Handling	1.5" Dia
Repriming Lifts To	25 Ft.
Flanges	2" NPT or ANSI 125lb
Impeller	Semi-open, 2 Vane Trash Handling
Approx. Weight	220lb
Bearing Housing	Separate oil reservoir w/ dual bearing protection
Mounting Options	Pedestal Frame Mount, Base Mount

### MATERIALS OF CONSTRUCTION

Materials	All Iron w/ Ductile Iron Volute & Impeller or Hard Iron Fitted* or 316SS Fitted*
Shaft	4130HT Steel or Duplex Stainless Steel*
Bearings	Pump End: Ball Bearing Drive End: Dual Ball Bearing
Wear Plates	Oil resistant, rubber coated or Stainless Steel* or Hardened Iron*
Gaskets	Buna or Viton*
Pressure Relief Valve	Brass
Suction Check Valve	Canvas Reinforced Nitrile Rubber or Viton*
Mechanical Seal	Self aligning Silicon-Carbide Seal w. oil lubrication

- ✓ Shimless impeller clearance adjustment
- ✓ Easily removable coverplate
- ✓ Back pullout rotating assembly
- ✓ Dual protection of bearings
- ✓ Atmospheric barrier and dual lip seals
- ✓ Volute passes full solid size
- ✓ Exclusive rubber lined dual wear plates
- ✓ Easily replaceable suction check valve
- ✓ Heavy duty bearings
- ✓ Heavy duty castings
- ✓ Solids handling impeller
- ✓ Self aligning Silicon-Carbide seal w/ oil lubrication
- ✓ Rapid Self-Priming
- ✓ No need for discharge check valve
- ✓ Optional casing heater

\*optional  
Other material options available

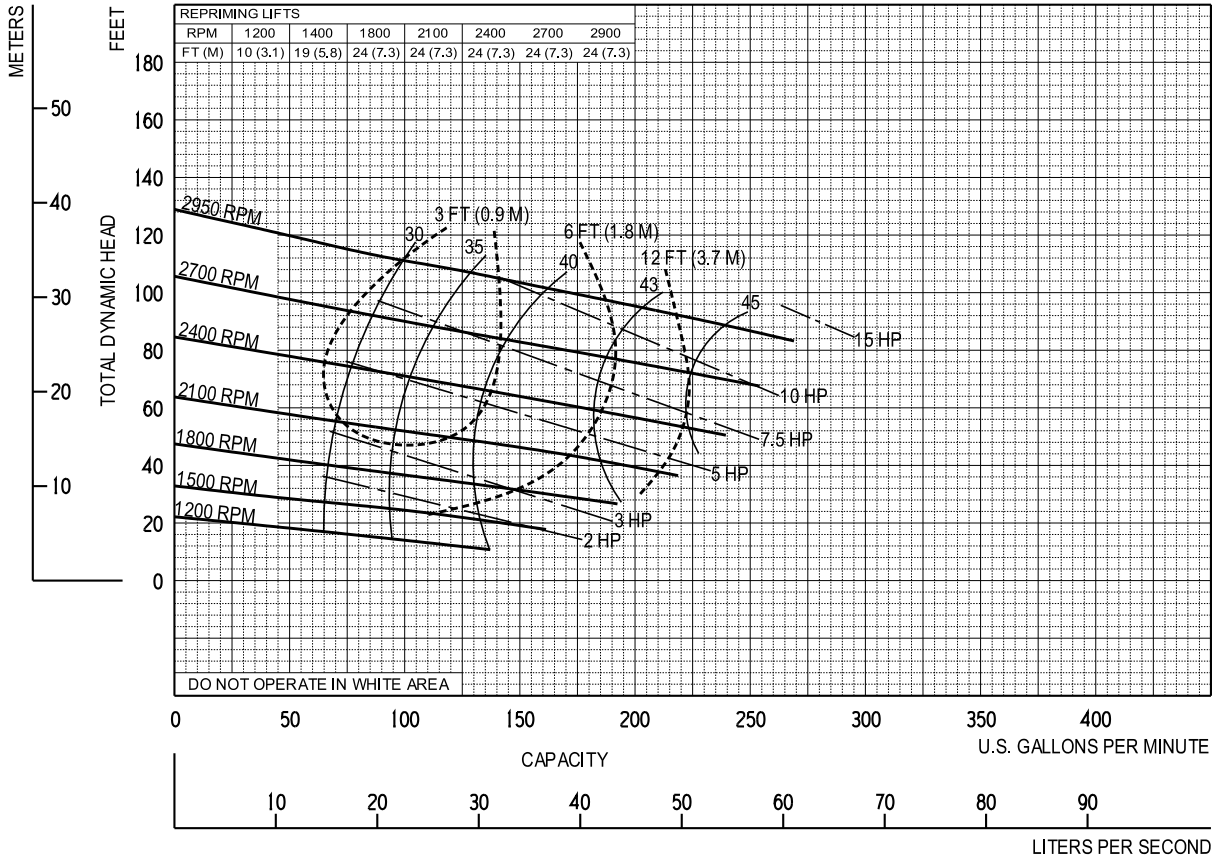
# 2ST SELF PRIMING TRASH PUMP

Feet x .305 = Meters  
 Inches x 25.4 = Millimeters  
 GPM x .227 = Cubic Meters/Hour  
 GPM x 3.785 = Liters/Minute  
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N <sub>S</sub>	Suction	Discharge	No. vanes
VARIOUS	6.38"	SEMI-O	1.5"	1600	2"	2"	2

SINGLE VOLUTE

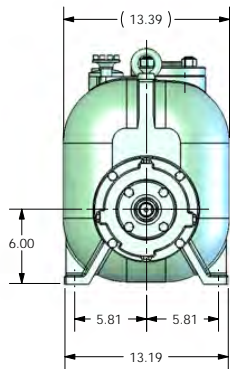
MOUNTING CONFIG.: F, EM



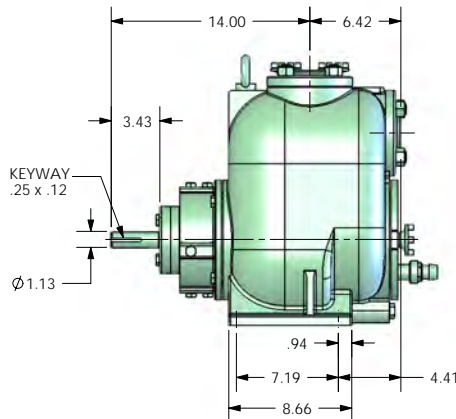
Performances shown are for cool water, frame-mounted configuration. Other mounting styles or liquids may require horsepower and/or performance adjustments.

11/15/00

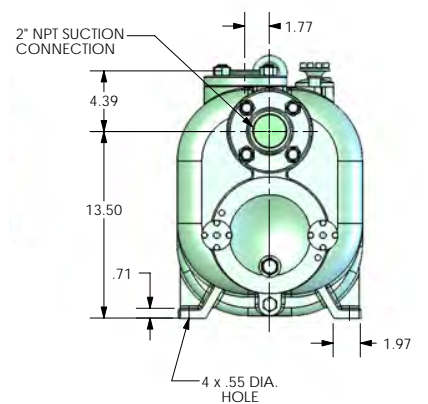
2ST-F Threaded



2ST-F Threaded



2ST-F Threaded



Other mounting configurations available