

# SUBMITTAL DATA SHEET

## Dewatering Pumps Electric & DC Powered | Engine Driven 6" Engine | Trash Pump

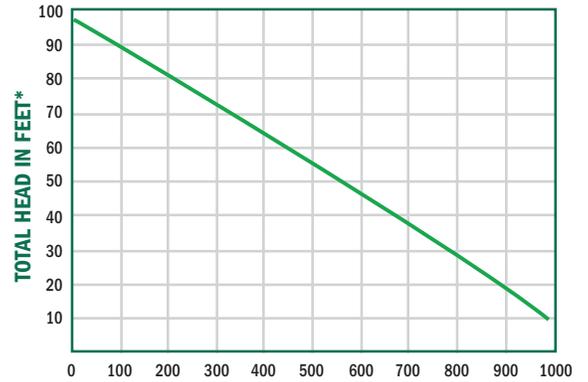
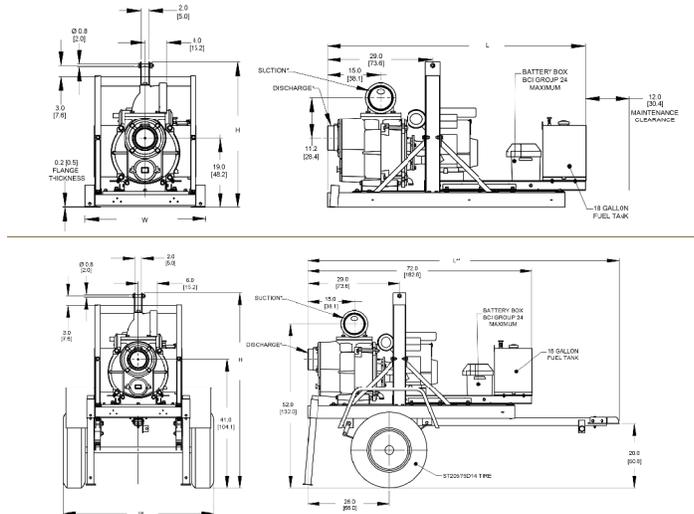


The A.Y. McDonald engine driven trash pumps are constructed of heavy duty sand cast aluminum with cast iron and stainless steel internal parts for wear resistance, and durability. Built-in slide mechanism features nylon and powder coated steel components that permit servicing, repairing, and cleaning entire pump without removing hoses or pump components from trailer.

Pumps are available with gasoline or diesel engine options; as well as trailer or skid mounted options.

### Application:

Designed to handle applications which require high flow efficiency and solid handling capability. For use with non-flammable liquids which are compatible with pump component materials.



**CAPACITY IN US GALLONS PER MINUTE @ 3600 RPM**  
\*CONVERT TO PSI, DIVIDE BY 2.31 | LIQUID WATER SPECIFIC GRAVITY 1.0

### 6" Trash Pumps

Model No.	Description / Type of Pump	Engine Type	Maximum Solids Dia.	Tank Size	Run Time	Base	Ship Wt. (Lbs)
06S24HTV	Honda OHV +++▲	2 cycle air cooled	3"	20 gal.	9 hrs.	Trailer	1000
06S24HSV	Honda OHV +++▲	2 cycle air cooled	3"	20 gal.	9 hrs.	Skid	725
06S24KTV	Kohler Diesel	3 cycle liquid cooled	3"	20 gal.	12 hrs.	Trailer	1250

Solids Handling - 3" diameter

+++Electric start, battery not included - requires 12 volt DC, BCI Group 24, Min 500 CCA battery

▲ Oil alert included

**WARNING:** Do not use in explosive atmosphere or for pumping volatile flammable liquids.

### Dimensions

Model#	L	W	H	Suct.*	Disch.*
06S24HTV	99.0	48.0	62.0	6	6
06S24HSV	71.0	33.0	40.3	6	6
06S27ITV	99.0	48.0	62.0	6	6
06S24YSV	71.0	33.0	40.0	6	6
06S24YTV	99.0	48.0	62.0	6	6

(\* Standard NPT (female) pipe thread.

NOTE: Dimensions have a tolerance of  $\pm 1/8"$ .

### SUBMITTAL INFORMATION

- Cast aluminum casing and adapter
- Cast iron seal plate, volute, & manifold
- Stainless steel impeller
- Silicon carbide mechanical seal and Buna-N o-rings & check valve
- 6" NPT port size
- Self priming to 20'
- Solids handling to 3" diameter
- Includes seal wash feature for extended seal life
- 12 volt electric star
- Digital tachometer/hourmeter included
- Maximum temperature 180°F
- D.O.T. Approved Trailer - refer to your state and local codes for registration

**NO-LEAD:** The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



**A.Y. McDonald Mfg. Co.**  
P.O. Box 508  
Dubuque, IA 52004-0508

**Toll Free:** 1-800-292-2737  
**Fax:** 1-800-832-9296  
**Hours:** 7:00 a.m. - 5:00 p.m., CST

sales@aymcdonald.com  
www.aymcdonald.com

A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by: