



Experience Innovation

## Model: 6" Vacuum-Assisted Solids Handling Pump

Name: 6JSVEE

With its heavy-duty cast-iron construction and fast priming capabilities, the Thompson 6JSVEE solids handling end suction centrifugal pump leads the industry in construction, industrial and municipal applications. The Thompson 6JSVEE is designed for moderate flows up to 2,300 gpm and heads up to 95 feet making it perfect for sewage bypass pumping or general construction dewatering.



Photo shown may not be exact model.  
Consult factory for other options.

Pump End Materials	
<b>Pump Casing</b>	Heavy-duty class 30 cast-iron.
<b>Impeller</b>	Dynamically balanced, non-clogging, enclosed, 65-45-12 ductile iron with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life; diameter 9.5" x 15°.
<b>Mechanical Seal</b>	Dry-running, grease or oil lubricated with tungsten carbide rotating and silicon carbide stationary seal faces. Single inside mounted, non-pusher type with self-adjusting elastomeric bellows. Other components are 304 stainless steel and Viton.
<b>Head</b>	Rugged, back pull out design, heavy-duty class 30 cast iron with tapered bore design.
<b>Bearings</b>	Heavy-duty grease lubricated to carry both axial and radial loads.
<b>Bearing Frame</b>	Heavy-duty class 30 cast iron.
<b>Shaft</b>	High quality stress-proof steel.

Technical Specifications			
Suction Size	6 in (15.24 cm)	Approximate Dry Weight	4,100 lbs (1,859.73 kg)
Discharge Size	6 in (15.24 cm)	Best Efficiency	71%
Maximum Solids Handling	3 in (7.62 cm)	Maximum Operating Speed	2,200 rpm
Maximum Operating Temperature	200° F (93.33° C)	Maximum Operating Pressure	41 psi (325.34 kPa)

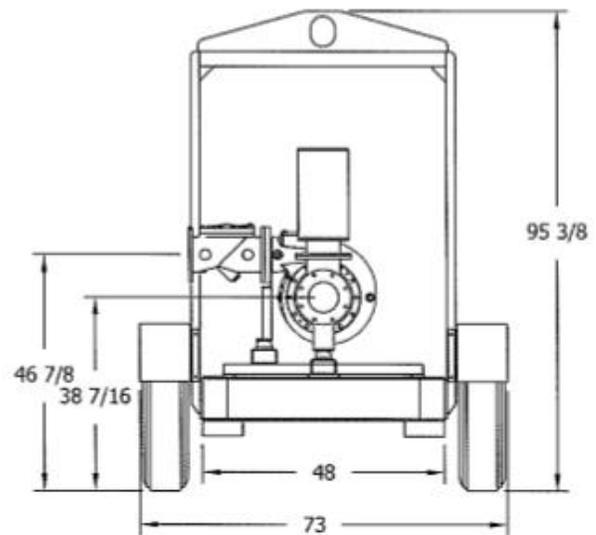
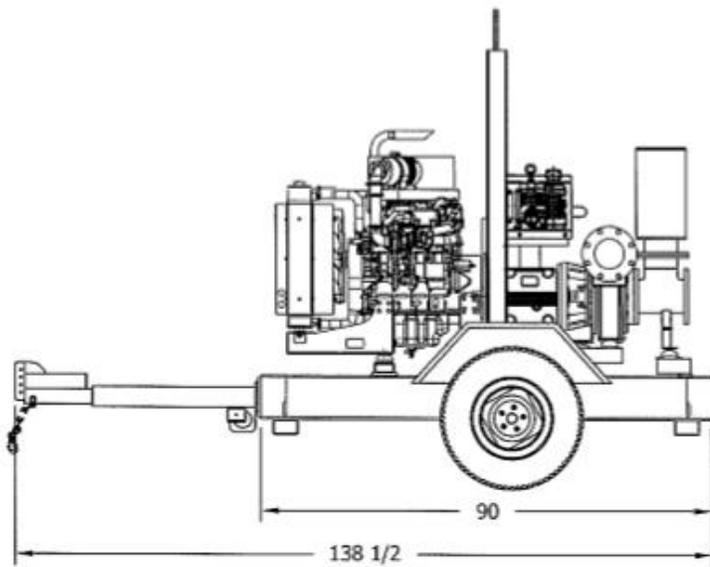
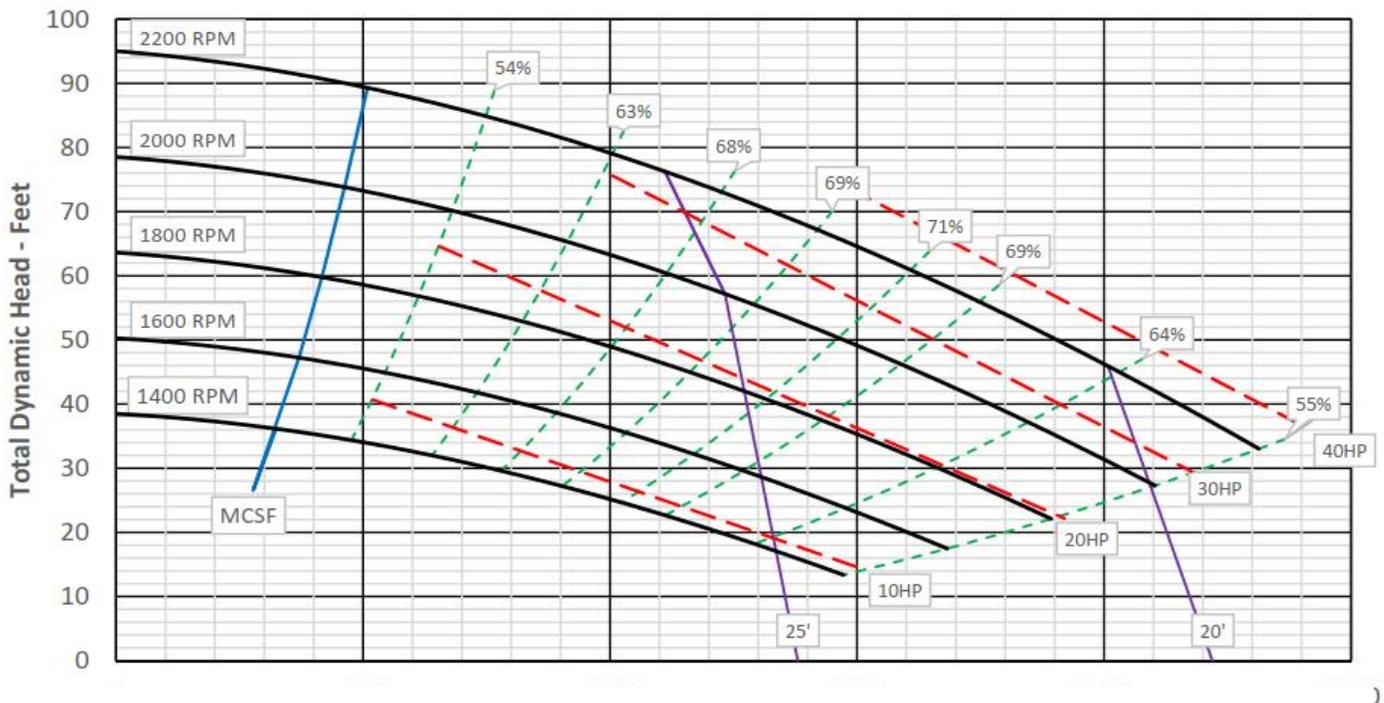
Fuel Tank Options*		Isuzu	
Modular (M)	100 Gal	74 Hours	
Double-Wall (D)	75 Gal	55 Hours	
Modular Large Capacity (X)	150 Gal	111 Hours	
Double-Wall Large Capacity (Z)	150 Gal	111 Hours	

\*Contact factory for fuel tank sizes not listed above.

**Thompson Pump and Manufacturing Co., Inc.**  
4620 City Center Drive, Port Orange, FL 32129 USA  
www.thompsonpump.com

Nationwide 800-767-7310 • International +1-386-767-7310  
sales@thompsonpump.com

Jul-20



**Isuzu 4LE2T—43 hp @ 2,400 rpm**

Typical Operating Speed	2,200 rpm	Engine Speed	Fuel Economy	Run Time*
<b>Maximum Head</b>	95 ft (22.86 m)	2,200 rpm	0.390 lb/hp-hr	44 hrs
<b>Maximum Flow Capacity</b>	2,300 gpm (493.72 m <sup>3</sup> /hr)	2,000 rpm	0.386 lb/hp-hr	56 hrs
<b>Maximum Fuel Consumption</b>	2.22 gph (8.4 L/hr)	1,800 rpm	0.378 lb-hp-hr	74 hrs

\*Engine run times calculated based on a 100 gallon fuel tank.

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