



Model: 6" Compressor-Assisted Solids Handling Pump

Name: 6JSC-LHP

With its heavy-duty cast-iron construction and fast priming capabilities, the Thompson 6JSC-LHP solids handling end suction centrifugal pump leads the industry in construction, industrial and municipal applications. The Thompson 6JSC-LHP 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 including but not limited to trailers and stainless steel impellers.

Pump End Materials	
Pump Casing	Heavy-duty class 30 ductile iron.
Impeller	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°.
Mechanical Seal	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.
Head	Rugged, back pull out design, heavy-duty class 30 cast iron with tapered bore design.
Bearings	Heavy-duty grease lubricated to carry both axial and radial loads.
Bearing Frame	Heavy-duty class 30 ductile iron.
Shaft	SAE 1144 steel fitted with a 416 stainless steel shaft sleeve.

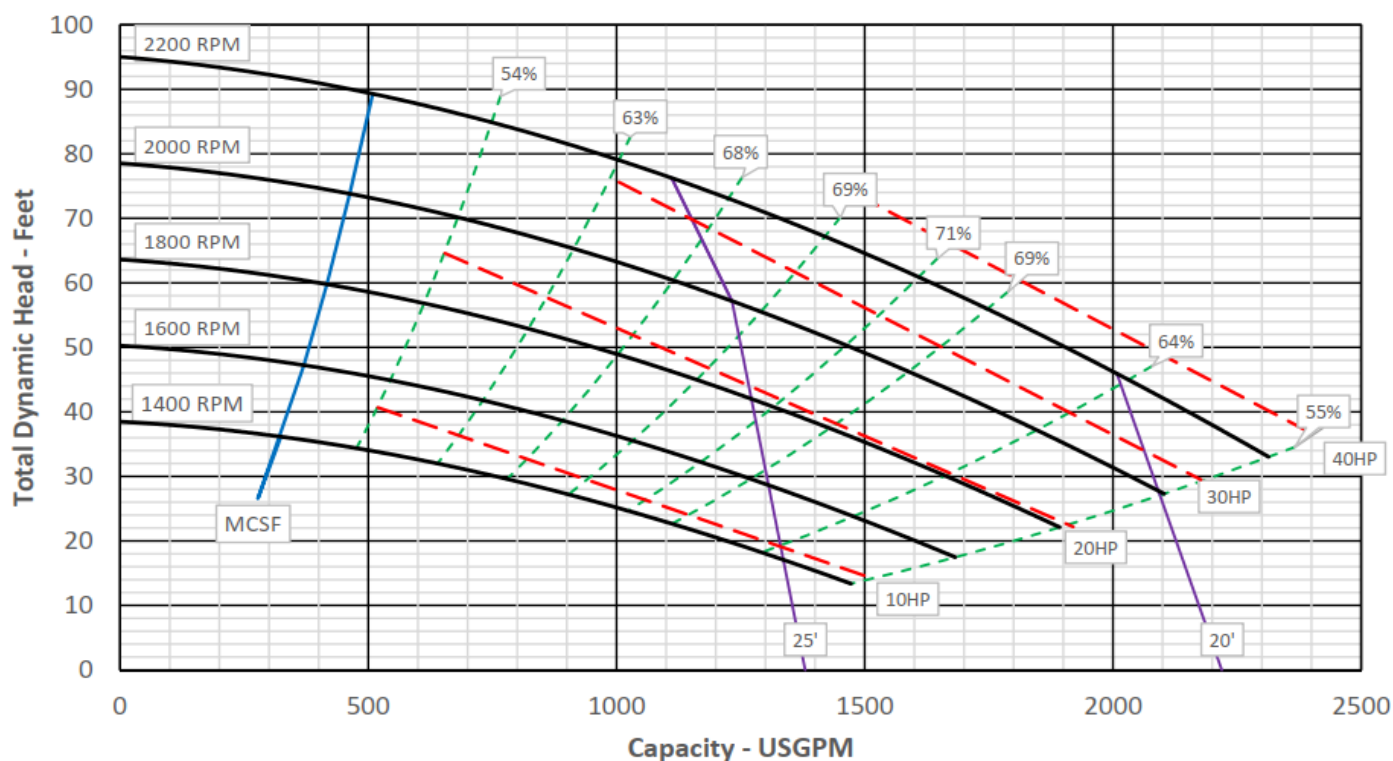
Technical Specifications			
Suction Size	6 in (15.24 cm)	Approximate Dry Weight	4,500 lbs (2,041.17 kg)
Discharge Size	6 in (15.24 cm)	Best Efficiency	71%
Maximum Solids Handling	3 in (7.62 cm)	Maximum Operating Speed	2,200 rpm
Maximum Operating Temperature	200° F (93.33° C)	Maximum Operating Pressure	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.

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Isuzu 4LE2T—43 hp @ 2,400 rpm				
Typical Operating Speed	2,200 rpm	Engine Speed	Fuel Economy	Run
Maximum Head	95 ft (22.86 m)	2,200 rpm	0.390 lb/hp-hr	44 hrs
Maximum Flow Capacity	2,300 gpm (493.72 m ³ /hr)	2,000 rpm	0.386 lb/hp-hr	56 hrs
Maximum Fuel Consumption	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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