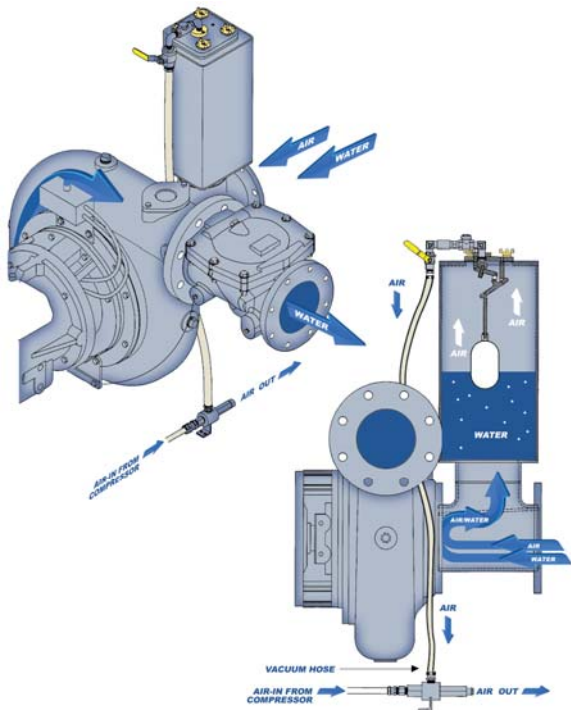


With its heavy-duty cast-iron construction and fast priming capabilities, this solids handling trailer mounted jet pump leads the industry in construction, industrial and mining applications. The Thompson 6JSCE-DIST-4LE2T-M is designed for high flows to 2300 gpm and heads to 110 feet making it perfect for sewage bypass pumping or general construction dewatering

ENVIROPRIME SYSTEM® with Compressor

- Thompson's innovative priming system preventing blow-by of sewage, effluent and waste from discharging onto the ground. This system, with Thompson's compressor priming system, offers mid-range air handling capabilities for quick priming.



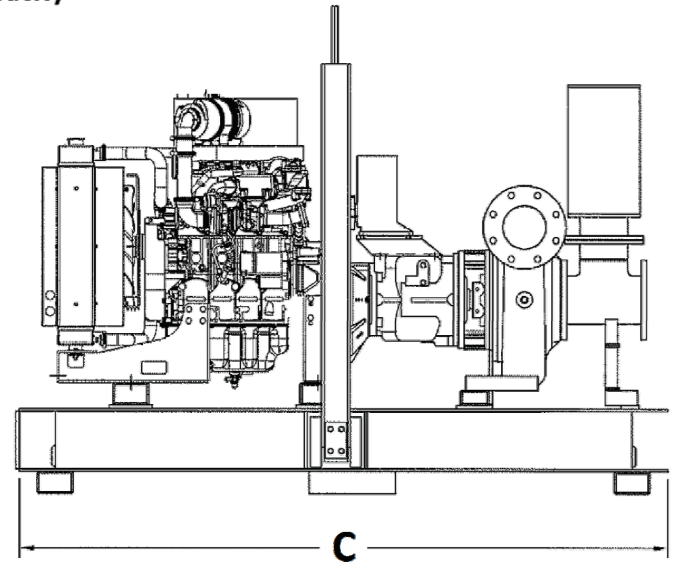
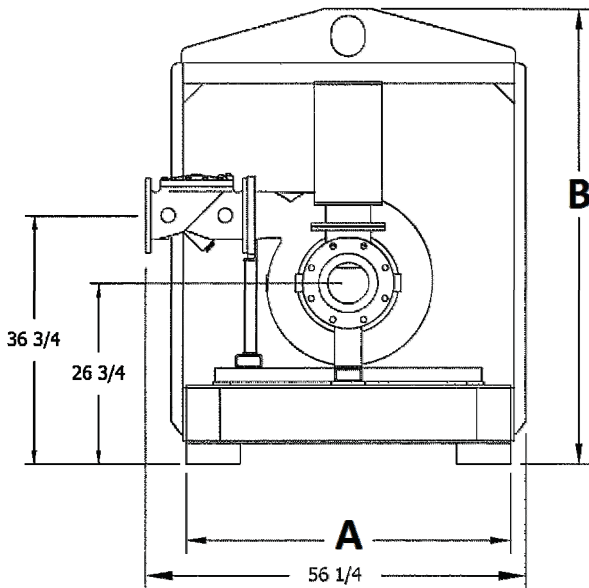
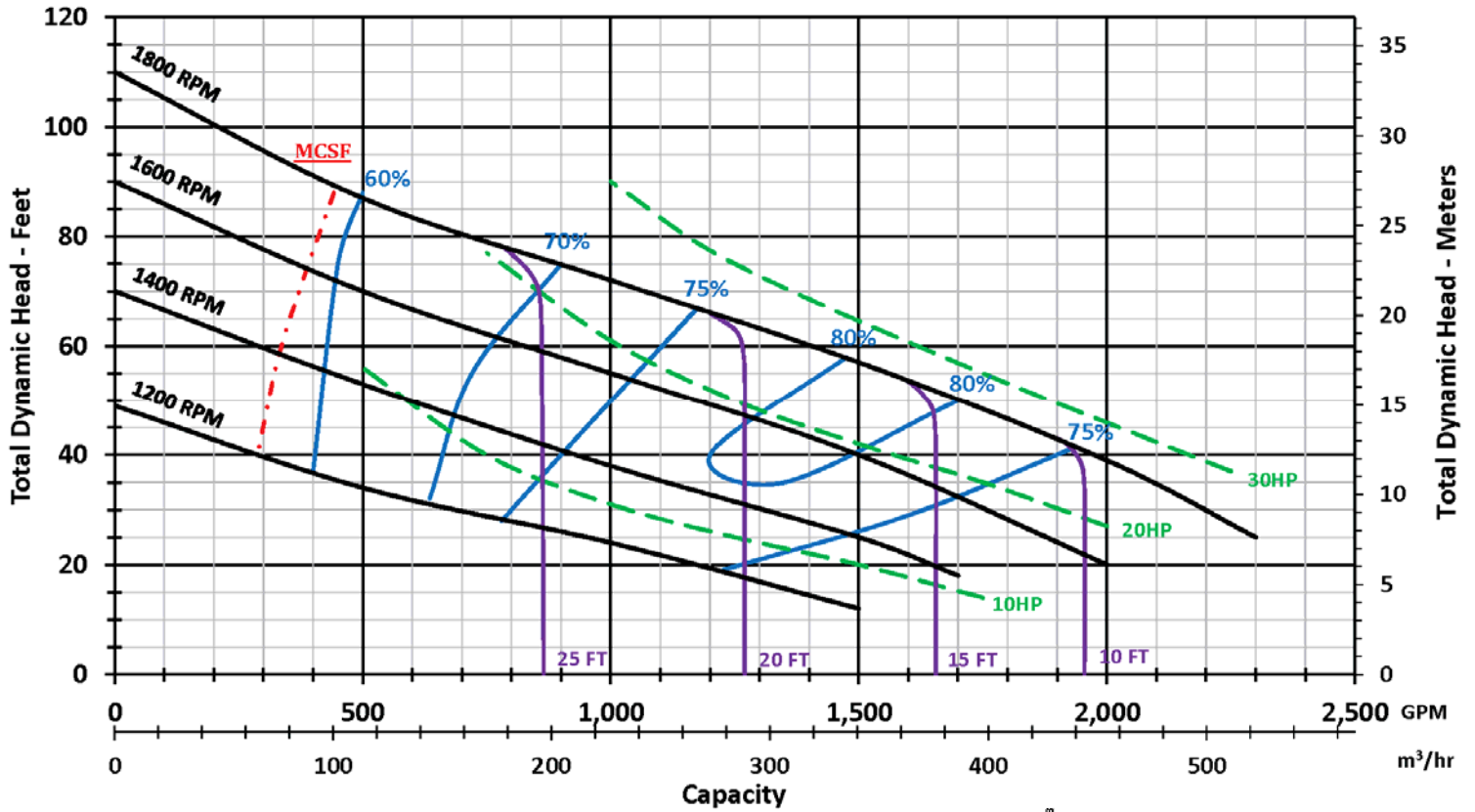
Consult factory for other versions & options including site trailers, sound attenuation, etc.

Pump End Materials

Pump Casing	Ductile iron with cleanout port available with suction wear ring or wear plate
Impeller	Dynamically balanced, non-clogging, enclosed or semi-open, 65-45-12 ductile iron with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life; Diameter 10"
Mechanical Seal	2.5" run-dry, oil or grease lubricated with Tungsten Carbide rotating and Silicon Carbide stationary seal faces. Single inside mounted, non-pusher type with self-adjusting elastomeric bellows. All 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 & Frame	Heavy-duty grease lubricated to carry both axial and radial loads. Frame is heavy-duty class 30 cast-iron
Shaft	SAE 1144 'stress-proof' steel and fitted with a renewable 416 stainless steel sleeve

TECHNICAL SPECIFICATIONS

Suction Size	6" (15.24 cm)	Approximate Dry Weight	TBD
Discharge Size	6" (15.24 cm)	Fuel Tank	100 Gal (378 L)
Maximum Flow Capacity	2300 gpm (522 m ³ /h)	Fuel Consumption @ 1,800 rpm	1.66 GPH (6.28 L/h)
Maximum Head	110 ft (34 m)	Best Efficiency Point	80%
Maximum Solids Handling	3" (7.62 cm)	Maximum Operating Times	Fuel Economy
Maximum Operating Speed	2,000 rpm	60 hours @ 1,800 rpm	0.365 lb/hp-hr@1,800 rpm
Maximum Operating Temp.	200 °F (93.33 °C)	76 hours @ 1,600 rpm	0.368 lb/hp-hr@1,600 rpm
Maximum Operating Pressure	48 psi (328 kPa)	106 hours @ 1,400 rpm	0.375 lb/hp-hr@1,400 rpm



Unit Type	Dimensions		
	A	B	C
Basic Unit	48	67 3/8	90
With Trailer	73	82 1/8	138 1/2

Engine Specification

Engine Model	Isuzu 4LE2T 40 HP @ 1800 rpm	Standard Equipment	Cooled EGR, Wastegate Turbo-charger, emission control device, alternator, radiator
Type	EPA Final Tier 4, In-Line, 4-Cycle, Turbo-charged, high-pressure common-rail diesel	Automatic Shutdowns	Low lube oil pressure; high water temperature

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