



**Self Priming Centrifugal Pump**  
**Model T6A60S-4LE2X FT4-ESP**  
**Size 6" x 6"**



70 MT

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance				
P.S.I.	Feet					
59.0	136	400	400	400	400	400
52.0	120	730	760	760	760	760
43.3	100	750	1050	1170	1170	1170
34.7	80	760	1060	1290	1460	1500
26.0	60	770	1070	1300	1500	1620
17.3	40	780	1080	1310	1510	1640
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>	<b>5'</b>



**PUMP SPECIFICATIONS**

**Size:** 6" x 6" (152 mm x 152 mm) NPT Male.  
**Casing:** Gray Iron 30. Maximum Operating Pressure 98 psi (675 kPa). \*  
**Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12.  
 Handles 3" (76.2 mm) Diameter Spherical Solids.  
**Impeller Shaft:** Stainless Steel 17-4 PH.  
**Replaceable Wear Plate:** Carbon Steel ASTM36.  
**Removable Adjustable Cover Plate:** Gray Iron 30; 50 lbs. (23 kg).  
**Flap Valve:** Neoprene w/Steel Reinforcing.  
**Seal Plate:** Gray Iron 30.  
**Seal:** Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C). \*  
**Bearing Housing:** Gray Iron 30.  
**Radial Bearing:** Open Single Ball.  
**Thrust Bearing:** Open Double Ball.  
**Bearing and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.  
**Flanges:** Gray Iron 30.  
**Gaskets:** Buna-N, Compressed Synthetic Fibers, PTFE, Vegetable Fiber, Cork, and Rubber.  
**O-Rings:** Buna-N.  
**Hardware:** Standard Plated Steel.  
**Brass Pressure Relief Valve.**  
**Bearing and Seal Cavity Oil Level Sight Gauges.**  
*\*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*  
**Standard Equipment:** Soundproof (EPA Average 73 dBA at 23 feet [7 meters] Under Load) Lightweight Aluminum Enclosure - Removable for Maintenance of Pump or Engine - w/Padlockable Door Panels. Spill Containment Base w/Integral Drains. Automatic Air Release Valve with Check Valve. 90° Discharge Elbow. Strainer. [Full Feature Control Panel Single Ball Type Float Switch.](#) \*\*  
**Optional Equipment:** Battery. Suction Vacuum and Discharge Pressure Gauge Kit. Skid Drag Base Kit. Single Axle Pneumatic-Tired Wheel Kit w/wo DOT-Approved Lights and Electric Brakes. [Tandem Axle Over-the-Road Trailer](#) (Meets DOT Requirements) Available w/Either Electric or Hydraulic Surge Brakes, Running Lights, Jack Stands and Safety Cables/Chains. Liquid Level Transducer.  
*\*\*50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.*



**ENGINE SPECIFICATIONS**

**Model:** Isuzu 4LE2X.  
**EPA Tier:** Final Tier 4.  
**Type:** Four Cylinder, Turbo, Charge Air Cooled Diesel Engine.  
**Displacement:** 134 Cu. In. (2,2 Liters).  
**Lubrication:** Forced Circulation.  
**Air Cleaner:** Dry Type.  
**Fuel Tank:** 70 U.S. Gals. (265 Liters).  
**Full Load Operating Time:** 26 Hrs.  
**Starter:** 12V Electric.  
**Standard Features:** Muffler w/Weather Cap. DOC Exhaust After-Treatment System.  
**Optional:** Electronic Fuel Level Sensor.  
**Engine Control Features:** Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shut-downs. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shutdown (For Use With Optional Fuel Level Sensor).

**ISUZU PUBLISHED PERFORMANCE:**  
 Maximum Gross Continuous BHP  
 62 (49 kW) @ 2400 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

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**Specification Data**

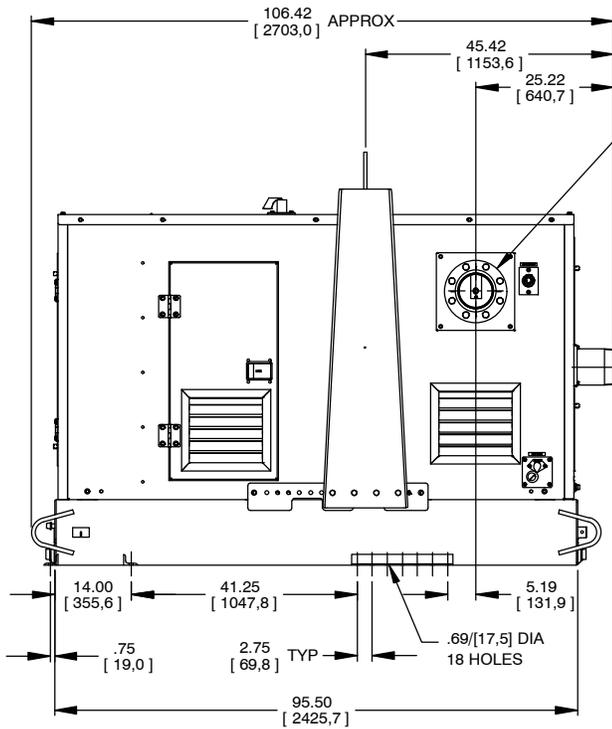
**SECTION 45, PAGE 1569**

APPROXIMATE  
DIMENSIONS and  
WEIGHTS

**NET WEIGHT:**  
**SHIPPING WEIGHT:**  
**EXPORT CRATE SIZE:**

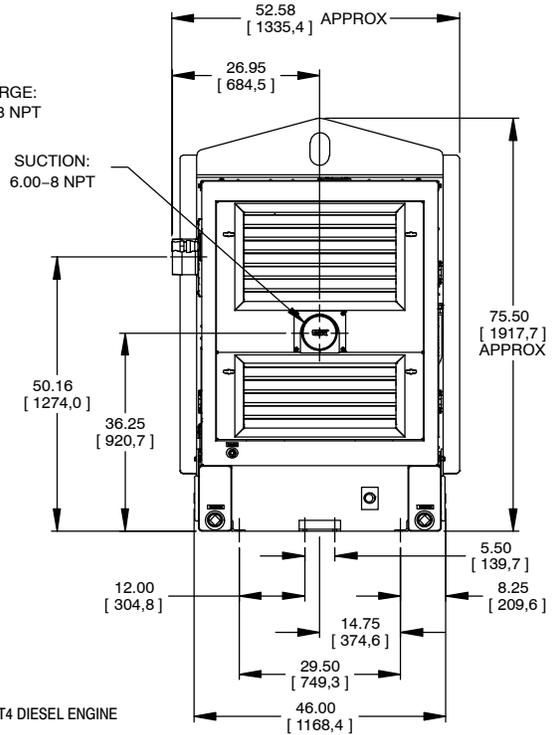
**SKID BASE**

**4350 LBS. (1973,1 KG.)**  
**4550 LBS. (2063,8 KG.)**  
**286 CU. FT. (8,1 CU. M.)**

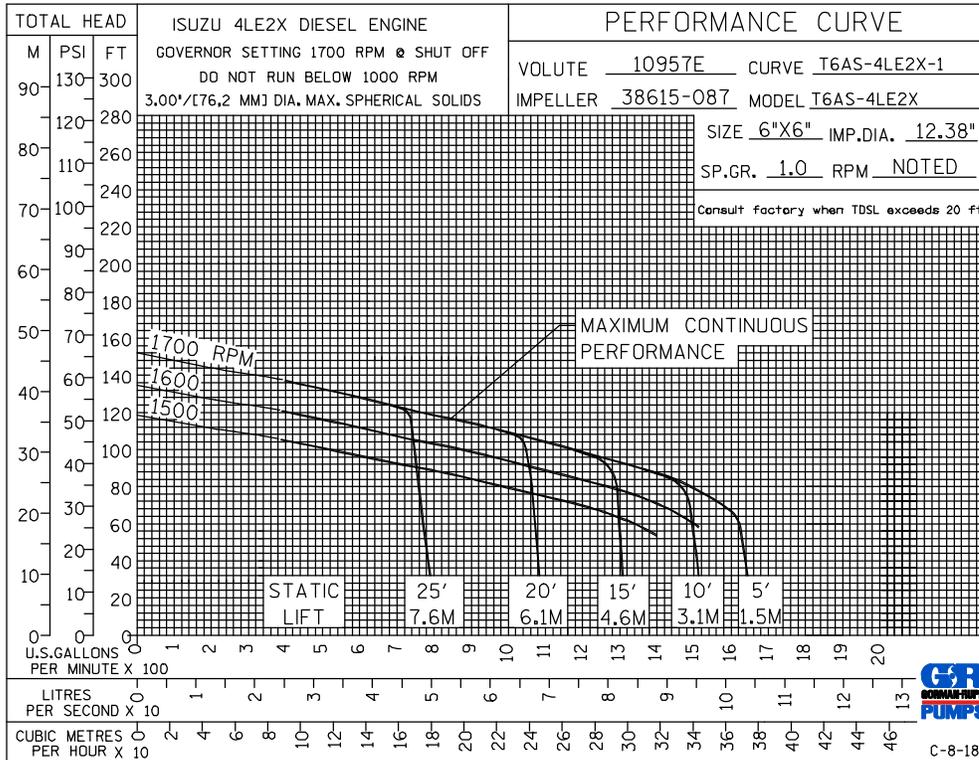


DISCHARGE:  
6.00-8 NPT

SUCTION:  
6.00-8 NPT



POWERED BY: ISUZU MODEL 4LE2X FT4 DIESEL ENGINE



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