



Experience Innovation

6" Rotary Wellpoint Pump

Model: 6RW-DIS-4LE2T-X

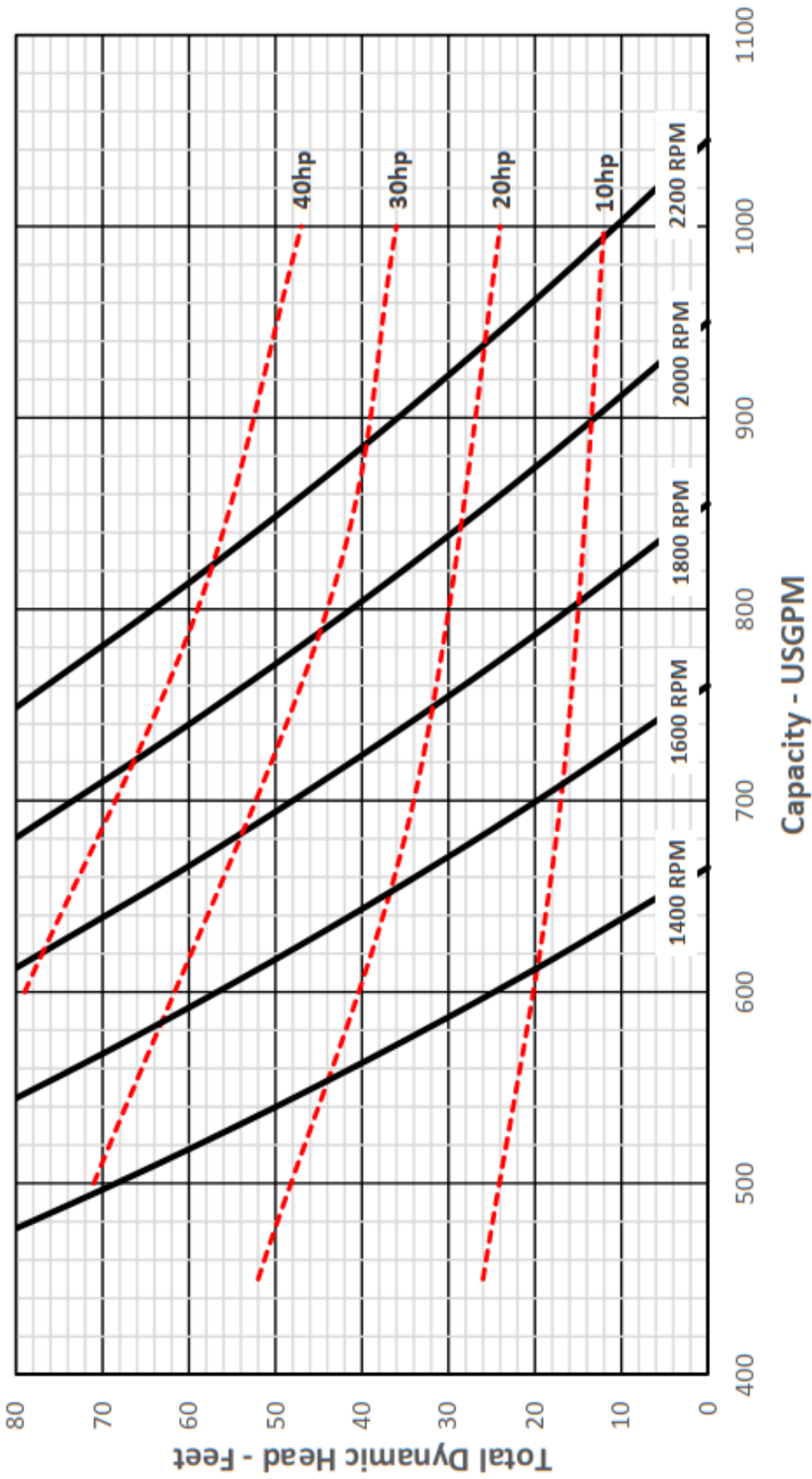
The Thompson Rotary Wellpoint Pump is the “original” rotary wellpoint pump trusted by contractors worldwide for more than 30 years. The state-of-the-art 6RW-DIS-4LE2T-X is specifically designed and engineered for wellpoint and sock dewatering with high air handling, large water volume and high vacuum capability.



Consult factory for options.

Pump End Materials	
Type	Positive displacement, low-pulsation, self-priming, rotary lobe.
Rotor	Four-lobe, single piece design with carbon steel shaft and welded carbon steel fins with polyurethane coating.
Rotor Housing	Rugged, heavy-duty cast aluminum.
Mechanical Seal	Oil or grease lubricated with bronze rotating and steel stationary faces.
Suction Tank	A36 steel with permanent solids screen, 1-1/2" drain port, adjustable vacuum breaker valve and vacuum gauge for system diagnostics.
Discharge Tank	A36 steel with canvas reinforced neoprene weighted flapper style check valve; built-in reservoir with pressure relief and 1-1/2" drain port.
Wear Plate	Replaceable, 304 stainless steel.
Bearings	Heavy-duty, oil bath-pressure lubricated, cylindrical roller type.

Technical Specifications			
Suction Size	6 in (15.24 cm)	Approximate Dry Weight	3,870 lbs (1,755.40 kg)
Discharge Size	6 in (15.24 cm)	Fuel Tank	150 gal (567.81 L)
Maximum Flow Capacity	1,400 gpm (236.08 m ³ /h)	Fuel Consumption @ 2,200 rpm	1.71 gph (6.47 L/h)
Maximum Head	80 ft (24.38 cm)		
Maximum Solids Handling	Clear water only	Maximum Operating Times	Fuel Economy
Maximum Operating Speed	2,000 rpm	84 hours @ 2,200 rpm	0.391 lb/hp-hr @ 2,200 rpm
Maximum Operating Temperature	200° F (93.33° C)	100 hours @ 2,000 rpm	0.387 lb/hp-hr @ 2,000 rpm
Maximum Operating Pressure	275 CFM (7.79 m ³ /h)	231 hours @ 1,800 rpm	0.378 lb/hp-hr @ 1,800 rpm



Engine Specification

Engine Model	Isuzu 4LE2T 43 HP @ 2,400 rpm	Standard Equipment	Cooled EGR, Wastegate Turbocharger, emission control device, alternator, radiator
Type	EPA Final Tier 4, In-Line, 4-Cycle, Turbocharged, high-pressure common-rail diesel	Automatic Shutdowns	Low lube oil pressure; high water temperature

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