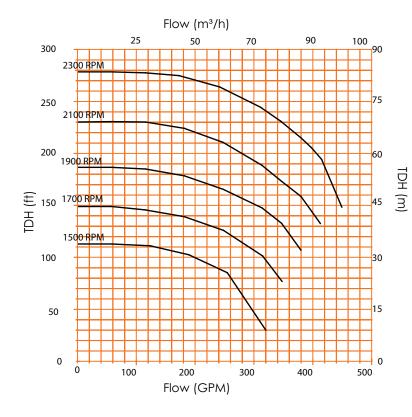
## **Pump Curve**



#### **Materials**

Parts	Material Type	
Casing	Cast iron	
Front and Rear Wearplates	Cast iron	
Shaft	1-1/2% Ni/CR steel	
Impeller	Cast CR Steel, 341 BN hardness	
Bearing and Seal Housing	Cast Iron	
Mechanical Seal	Double mechanical seal in oil bath with solid silicone carbide faces	
Lifting Bracket	Fabricated mild steel tube and plate	

### **Performance Table**

Diesel Set: JD 4045T280

Max Power Output: 71 HP (53 kw) @ 2400 RPM

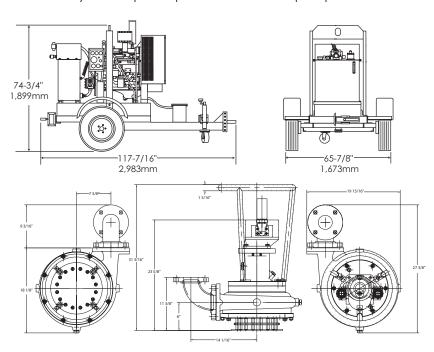
Impeller Diameter: 12.8" (325 mm)

GPM	400	300	200	100
Feet	200	250	270	278
PSI	86.5	108	116.9	120.3

Performance data listed in table and curves based on water tests at sea level and 68°F (20°C). Maximum flows may require larger diameter pipes.

# **Drawings**

HS150MR hydraulic powerpack and HS80HH pumpend.



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