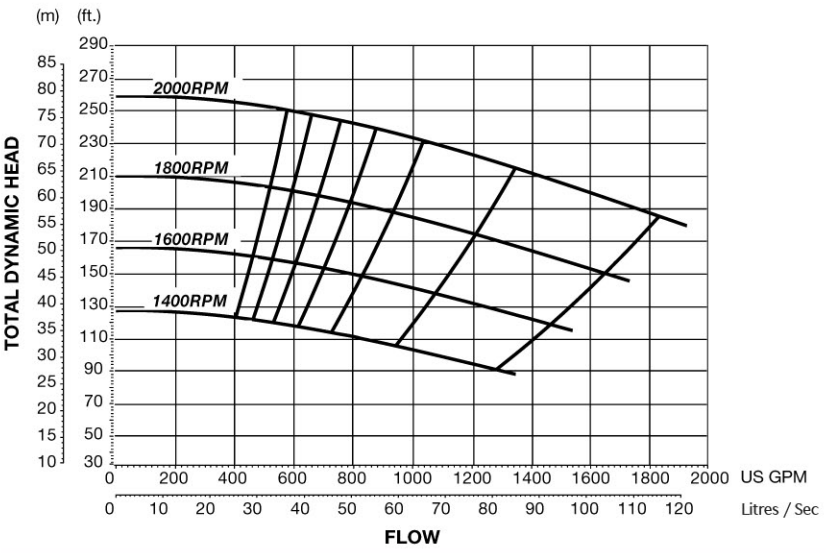


CD160M Performance Curve



Performance Table

CD160M Diesel Set — John Deere 6068T, 147 hp (110 kw) @ 2200 rpm
Impeller Diameter — 14" (356 mm)

Total Suction Head — Feet	Total Delivery Head — Feet			
	150	175	200	225
Head — Feet	Output — GPM			
10	1850	1780	1450	970
15	1810	1740	1320	860
20	1560	1450	1250	710
25	1370	1300	1190	580

Performance data listed in table and curves based on water tests at sea level and 68° F (20° C). Larger diameter pipes may be required for maximum flows.

Specifications

- Maximum Operating Speed:** 2000 rpm
- Maximum Operating Temperature:** +176° F (80° C)
- Maximum Working Pressure:** 130 psi (9 BAR)
- Maximum Suction Pressure:** 72 psi (5 BAR)
- Maximum Casing Pressure:** 195 psi (13.5 BAR)
- Fuel Tank Capacity:** 150 gal. (568 liters)
- Fuel Consumption:** 6.3 gph (23.85 lph) @ 1800 rpm (full load)
- Pipe Connections:**
 - Suction: 6" (150mm) 150# flange
 - Discharge: 6" (150mm) 150# flange
- Solids Handling:** 3" (75mm) diameter

Materials

- Pump Casing and Suction Cover:** Cast Iron
- Wearplates:** Cast Iron hardened to Brinell 440 HB
- Impeller:** Cast Chromium Steel hardened to Brinell 220 HB
- Shaft:** 1-1/2% Nickel/Chromium steel
- Non Return Valve Flapper:** High nitrile rubber
- Mechanical Seal Faces:** Solid silicon carbide

