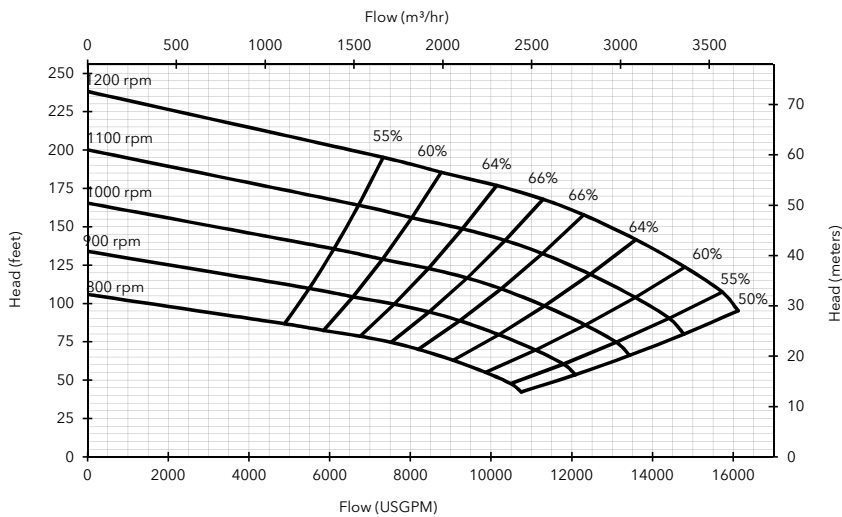


Performance Curve



Engine option 1

Caterpillar C15 (T3 Flex), 475 HP @ 1800 rpm

Impeller diameter 24.0"

Pump speed 1050 rpm driven by 1.7:1 gearbox

Suction Lift Table

| Total Suction Head (feet) | Total Delivery Head (feet) | | | | |
|---------------------------|----------------------------|-------|-------|------|------|
| | 66 | 105 | 111 | 117 | 123 |
| | Output (USGPM) | | | | |
| 10 | 13449 | 10717 | 10087 | 8405 | 7145 |
| 15 | 13028 | 10129 | 9456 | 7565 | 6724 |
| 20 | 10717 | 9666 | 9288 | 7061 | 6304 |
| 25 | 6619 | 5884 | - | - | - |

Fuel capacity: 10 US Gal

Max Fuel consumption @ 1800 rpm: 26.5 US Gal/hr

Max Fuel consumption @ 1600 rpm: 18.8 US Gal/hr

Weight (Dry): 22,170 lbs

Weight (Wet): 22,240 lbs

Dim.: (L) 204" x (W) 101" x (H) 92"

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

Materials

| | |
|-----------------------------|---|
| Pump casing & suction cover | Cast iron BS EN 1561 - 1997 |
| Wearplates | Cast iron BS EN 1561 - 1997 |
| Pump Shaft | Carbon steel BS 970 - 1991 817M40T |
| Impeller | Cast Steel BS3100 A5 Hardness to 200 HB Brinell |
| Non-return valve body | Cast iron BS EN 1561 - 1997 |
| Mechanical seal | Double Mech seal; Tungsten carbide face; Viton elastomers; Stainless steel body |

Engine option 2

Caterpillar C18 (T3 Flex), 700 HP @ 1800 rpm

Impeller diameter 24.0"

Pump speed 1200 rpm driven by 1.5:1 gearbox

Suction Lift Table

| Total Suction Head (feet) | Total Delivery Head (feet) | | | | |
|---------------------------|----------------------------|-------|-------|------|------|
| | 99 | 150 | 158 | 166 | 174 |
| | Output (USGPM) | | | | |
| 10 | 15370 | 12248 | 11528 | 9606 | 8165 |
| 15 | 14890 | 11576 | 10807 | 8646 | 7685 |
| 20 | 12248 | 11047 | 10615 | 8069 | 7205 |
| 25 | 7565 | 6724 | - | - | - |

Fuel capacity: 10 US Gal

Max Fuel consumption @ 1800 rpm: 40.6 US Gal/hr

Max Fuel consumption @ 1600 rpm: 27.9 US Gal/hr

Weight (Dry): 22,570 lbs

Weight (Wet): 22,640 lbs

Dim.: (L) 204" x (W) 101" x (H) 97"

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

