

Test Pump

Challenger Model T-3180



Standard Components

Caterpillar 3056T Diesel Engine:

150 hp @ 2,600 rpm/maximum

National Oilwell 100T-4M Triplex Piston Pump

1.625 inch diameter plungers

4.0 inch stroke

Skid Mounted—8 inch wide flange I beam

Engine includes:

- Electric start
- Alternator & batteries
- Murphy instrument panel
- Automatic shut-off for high water temperature and low oil pressure
- Twin Disc clutch
- 80 gallon fuel tank

Pump Includes:

- 3.0 inch ANSI 150# FF flange connection on suction port.
- 1.5 inch API—5000# RJ connection discharge port.
- Aluminum bronze fluid end.
- Stroke counter

PERFORMANCE

(Altitude 7,500 feet)

3,200 psi (max.) / 49 GPM
(221 Bar / 12 M³ per hour)

1.625 inch plunger
0.1077 GPM per RPM

2,101 psi (max.) / 74 GPM
(144 Bar / 17 M³ per hour)

2.0 inch plunger
0.1632 GPM per RPM

Pictured with optional lifting bale

Options

- Pressure Recorder
- Trailer Mounting
- Temperature Recorder
- Full cage with lifting bale
- Dead weight tester
- Additional flanges and filters
- Full weather cover



Dimensions

Overall Length	106 inches	2,692 mm
Overall Width	76 inches	1,930 mm
Overall Height	62 inches	1,575 mm
Operating Weight	7,100 pounds	3,321 kg