

# Triplex Power Pump

The Weatherford Model T10 is a single acting triplex plunger pump rated at 10.6 HP in continuous duty services and up to 15.8 HP in intermittent duty. This versatile pump is offered with a variety of material and design options that make is ideal for general industrial, reverse osmosis, and typical applications involved in the production of oil and



## Specifications

	Continuous	Intermittent
Rated Power .....	10.6 HP	15.8 HP
Maximum Speed.....	300 RPM	450 RPM
Minimum Speed.....	120 RPM	90 RPM

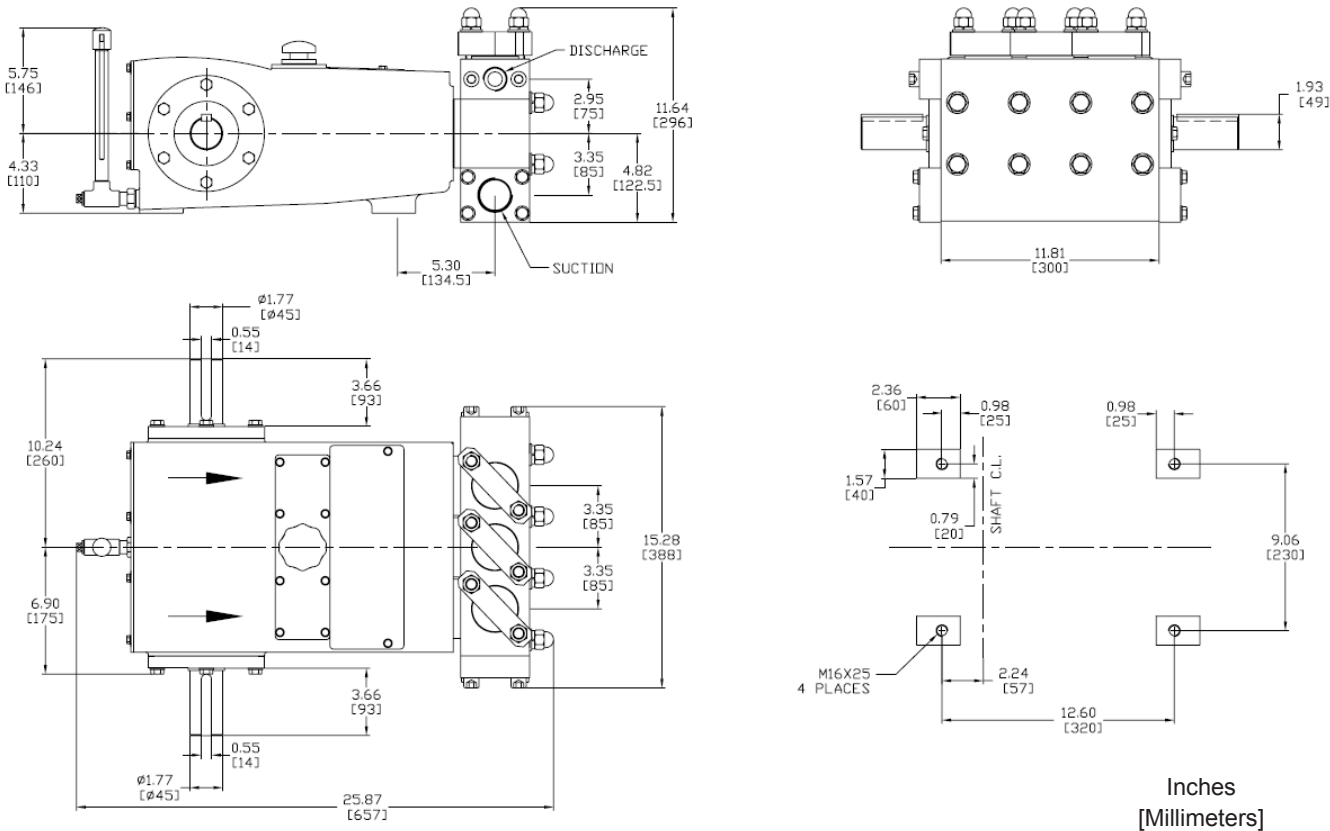
	US Customary	Metric
Stroke Length .....	1.575 IN	40 MM
Rated Rod Load.....	2,645 LB	1,200 KG
Pump Weight .....	330 LB	150 KG
Oil Capacity .....	4.8 QT	4.5 L
Maximum Fluid Temp. ....	180°F	82°C
Mechanical Efficiency .....	90%	

## Performance Ratings

Pump Model	Plunger Size (IN)	Displacement (Gal/Rev)	Rated Pressure (PSI)	Rated Capacity (GPM)			Fluid Cylinder	Standard Connections	
				Minimum	Continuous	Intermittent		Inlet	Discharge
T10-0.875IN	0.875	0.0123	4,400	1.1	3.7	5.5	A	1-1/2" NPT	1" NPT
T10-0.9375IN	0.9375	0.0141	3,830	1.3	4.2	6.4	A	1-1/2" NPT	1" NPT
T10-1.000IN	1	0.0161	3,370	1.4	4.8	7.2	A	1-1/2" NPT	1" NPT
T10-1.125IN	1.125	0.0203	2,660	1.8	6.1	9.1	A	1-1/2" NPT	1" NPT
T10-1.375IN	1.375	0.0304	1,780	2.7	9.1	13.7	B	2" NPT	1" NPT
T10-1.500IN	1.5	0.0361	1,500	3.3	10.8	16.3	B	2" NPT	1" NPT
T10-1.625IN	1.625	0.0424	1,280	3.8	12.7	19.1	B	2" NPT	1" NPT
T10-1.750IN	1.75	0.0492	1,100	4.4	14.8	22.1	B	2" NPT	1" NPT
T10-2.000IN	2	0.0643	840	5.8	19.3	28.9	B	2" NPT	1" NPT

# Model T10

## General Dimensions



Power Required:  $HP = \frac{GPM \times PSI}{1543}$

Note:

1. Capacities shown based on 100% volumetric efficiency. Actual capacities will be lower based on discharge pressures and fluid properties.
2. Maximum continuous and intermittent duty speeds are based on pumping fluids with viscosities similar to water. Consult Weatherford for speed de-rating guidelines for higher viscosity fluids.
3. Drawings shown are typical and should not be used for fabrication purposes.
4. Special designs and materials available for higher temperature operation.
5. Standard models shown. Other sizes and configurations may be available on request. Not all plunger sizes may be available in all materials. Consult Weatherford for more details.



**Weatherford**

Weatherford International, Ltd.



**Head Office:**  
6120 Davies Road  
Edmonton, AB  
T6E 4M9

Phone: (780) 485-2010 • Toll Free: (866) 707-7867  
Fax: (780) 485-1938  
• Calgary • Drayton Valley • Lloydminster  
[www.rotatingright.com](http://www.rotatingright.com)