

Triplex Power Pump

The Weatherford Model T9 is a single acting triplex plunger pump rated at 8.7 HP in continuous duty services and up to 10.2 HP in intermittent duty. This versatile pump is offered with a variety of material and design options that make it ideal for general industrial, reverse osmosis, and typical applications involved in the production of oil and natural gas.

Specifications

	Continuous	Intermittent
Rated Power	8.7 HP	10.2 HP
Maximum Speed	550 RPM	650 RPM
Minimum Speed	100 RPM	80 RPM

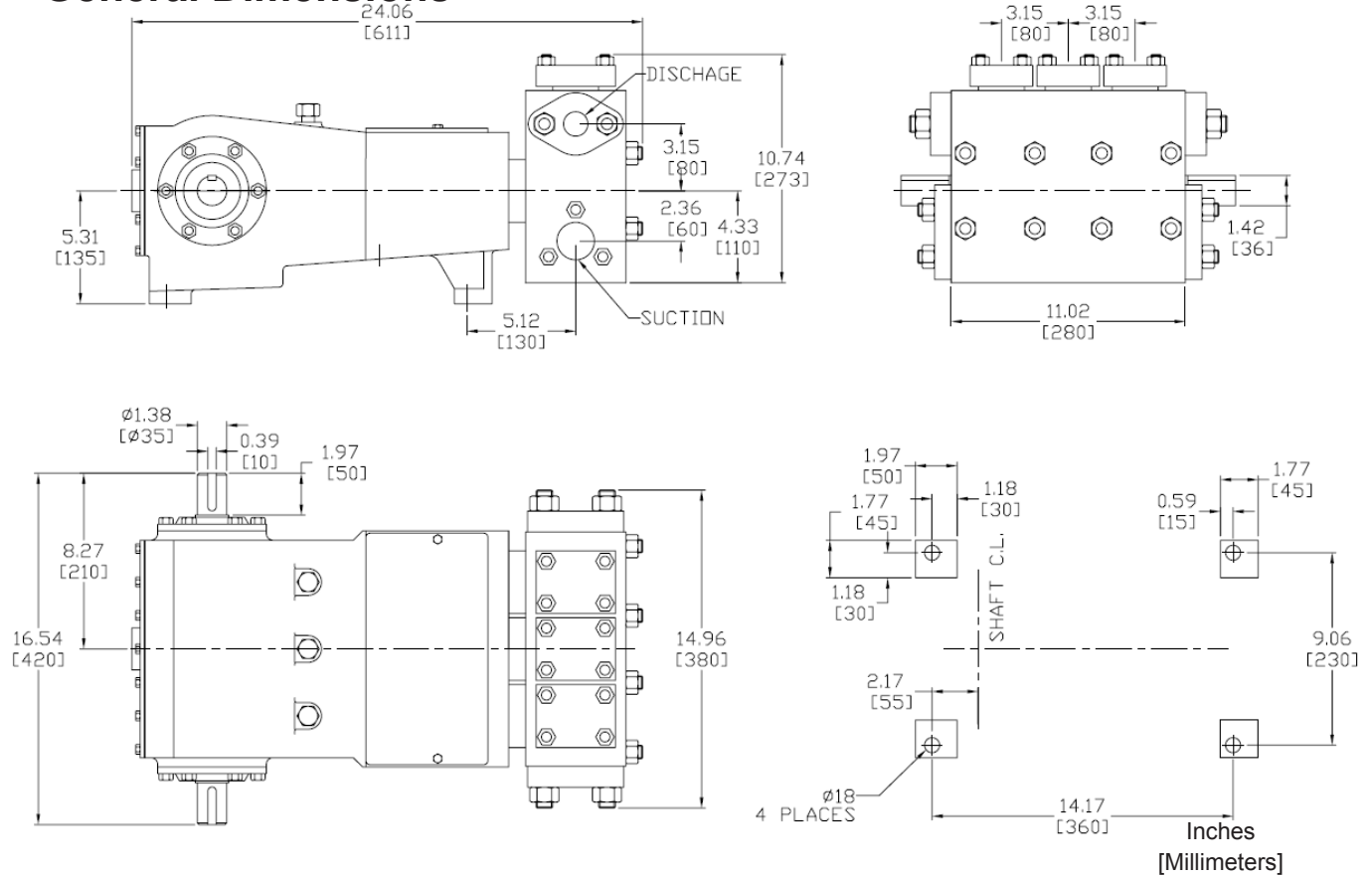
	US Customary	Metric
Stroke Length	1.181 IN	30 MM
Rated Rod Load	1,575 LB	715 KG
Pump Weight	350 LB	160 KG
Oil Capacity	2.3 QT	2.2 L
Maximum Fluid Temp.	180°F	82°C
Mechanical Efficiency	90%	

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
T9-0.625IN	0.625	0.0047	5,130	0.47	2.59	3.06	A	1" NPT	1/2" NPT
T9-0.6875IN	0.6875	0.0057	4,240	0.57	3.13	3.70	A	1" NPT	1/2" NPT
T9-0.750IN	0.75	0.0068	3,570	0.68	3.73	4.40	B	1" NPT	1/2" NPT
T9-0.875IN	0.875	0.0092	2,620	0.92	5.07	6.00	B	1" NPT	1/2" NPT
T9-1.000IN	1	0.0120	2,010	1.20	6.63	7.83	B	1" NPT	1/2" NPT
T9-1.125IN	1.125	0.0152	1,580	1.52	8.39	9.91	C	1-1/2" NPT	1" NPT
T9-1.250IN	1.25	0.0188	1,280	1.88	10.35	12.24	C	1-1/2" NPT	1" NPT
T9-1.500IN	1.5	0.0271	890	2.71	14.91	17.62	C	1-1/2" NPT	1" NPT

Model T9

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

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