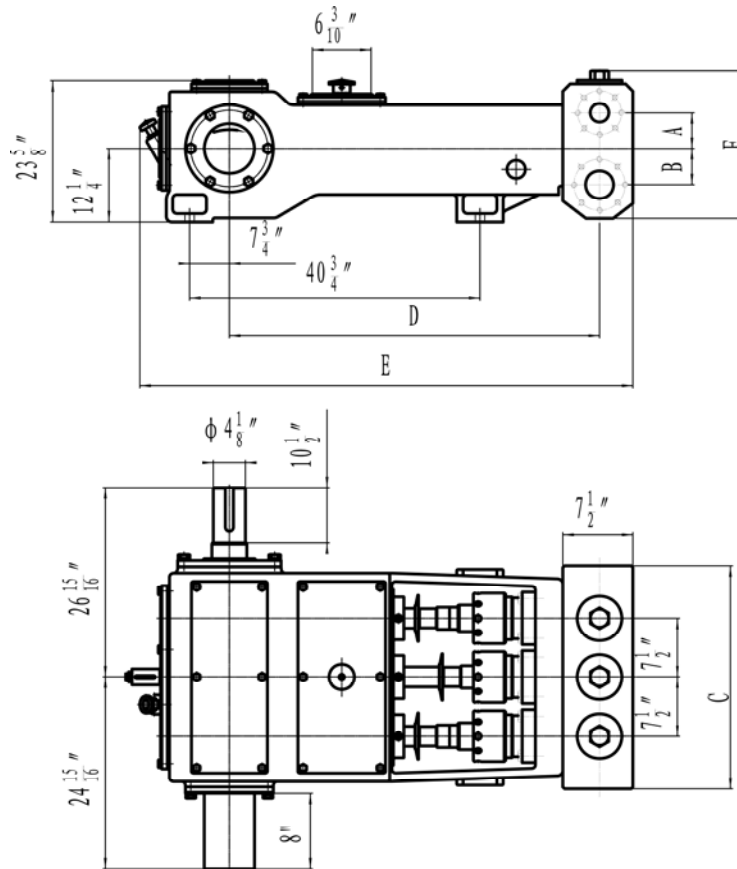


165 HP Triplex Plunger Pump Dimensions



Specification:

Pump Size: Maximum plunger size x stroke length = 4 x 5 in;

165 HP at 400 RPM; Plunger Load 9800 Lbs;

Maximum discharge pressure L165=1650 PSI, M165=3120 PSI;

Crankshaft: Dia = 4 1/8 in, Length = 8 1/8 in, Keyway Width x Deep = 1 x 1/2 in,

Max. recommended sheave 50 in., Min recommended sheave 36 in.;

Crankcase Oil Capacity: 8 Gal.;

Weight: 4000 Lbs;

Plunger Diameter based on customer requirement:

L165: 4.00 in., 3.75 in., 3.50 in., 3.25 in., 3.00 in., 2.75 in.;

M165: 2.75 in., 2.50 in., 2.375 in., 2.25 in., 2.125 in., 2.00 in.;

165 HP Triplex Plunger Pump Connection and Dimensions Inch

Pump Model	Flange Connection Sizes		Dimensions					
	Discharge	Suction	A	B	C	D	E	F
L165	3 API-2000 RJ	6 ANSI-150FF	5 11/16	7 5/8	27 3/4	48 3/4	65 3/4	23
M165	2 API-5000 RJ	4 ANSI-150FF	4 3/4	6 1/2	26 1/2	48 3/8	64 7/8	25 5/16

165 HP Triplex Plunger Pump Performance Data

Pump	English Unit					100 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM	
	Plunger Dia. In.	Plunger Area Sq. In.	BPD Per RPM	GPM Per RPM	Max. Press. PSI	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM
L165	3.50	9.621	21.419	0.624	1019	2142	62.5	4284	124.9	5355	156.2	6426	187.4	7497	218.7	8568	249.9
M165	2.25	3.976	8.852	0.258	2465	886	25.8	1771	51.6	2214	64.5	2656	77.5	3099	90.4	3541	103.3