

Reciprocating Plunger Pumps

TRIPLEX

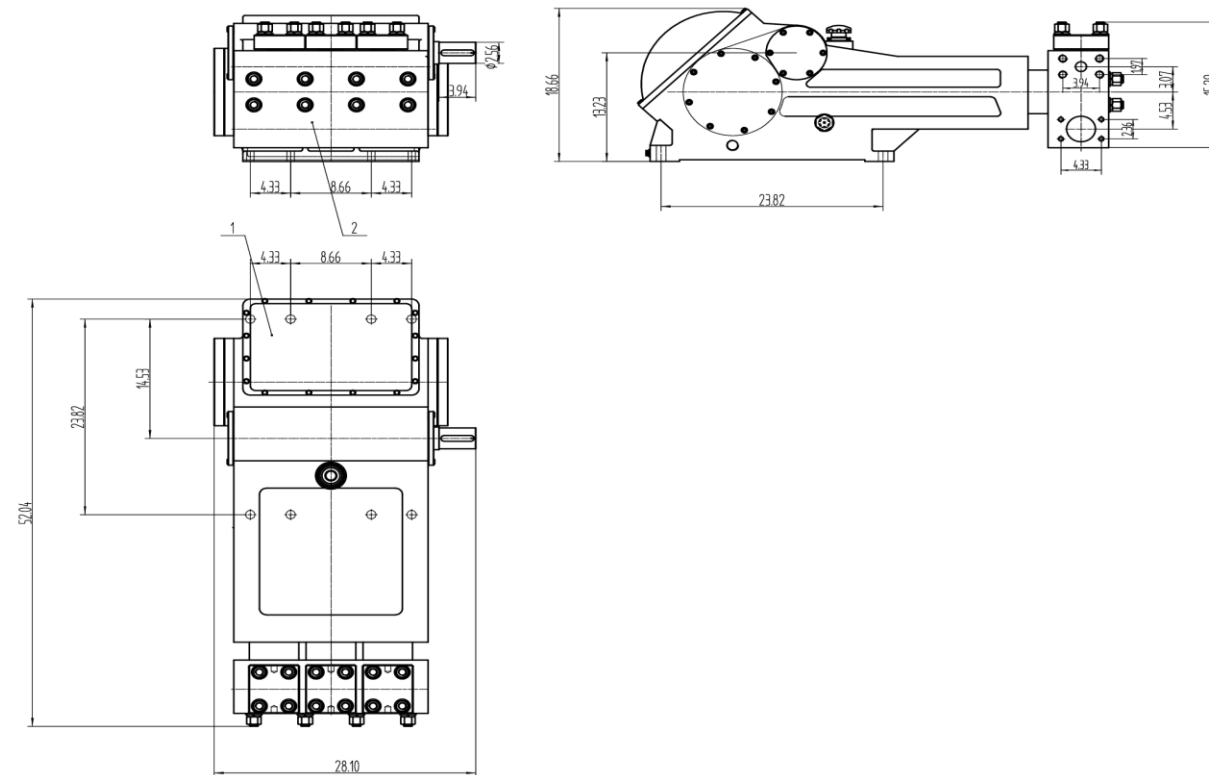
AT-120M (41.83~198.47 GPM)

Technical specification data

Maximum input horsepower rating	248.46
Pump speed	367
Stroke length	4.72"
Maximum plunger size	3.35"
Fluid end working pressure rating	5,368 Psi
Discharge connection size	≤ 2.75"
Suction connection size	≤ 5"
Crankcase oil capacity	6.95 Gallons
Standard gear ratio	457: 1
Optional gear ratio (other ratios available)	4.04360: 1
Pump Weight Complete (Less Skid)	1,896 Lbs
Overall dimensions (L x W x H)	52.76" X 28.23" X 23.62"

Features

- Deliver high pressure with minimal energy* consumption.
 - Designed to handle extreme pressures while maintaining stable flow rates.
 - Flexible design options to meet various application requirements.
 - Compact pump package designs allow for easy installation in limited spaces.
- Pumps can be configured to handle harsh or abrasive media like saline water, chemical fluids, or radioactive liquids with appropriate material selection.
- Engineered for quiet operation.



AT-120M 4.72" Stroke Triplex		Strokes Per Min.	217	245	305	325	367
		Input HP*	146.91	165.86	206.48	220.02	248.46
Plunger Size	Nominal Pressure (PSI)	Output Gal/Rev	Output - Gallons Per Minute**				
3.35"	1,913.18	0.541	117.35	132.50	164.94	175.76	198.47
3.25"	2,032.73	0.509	110.45	124.70	155.24	165.42	186.80
3.00"	2,385.63	0.434	94.11	106.26	132.28	140.95	159.17
2.75"	2,839.10	0.364	79.08	89.28	111.15	118.44	133.75
2.50"	3,435.31	0.301	65.36	73.79	91.86	97.88	110.53
2.25"	4,241.12	0.244	52.94	59.77	74.41	79.29	89.53
2.00"	5,367.67	0.193	41.83	47.23	58.79	62.65	70.74

*Based on 87.4% mechanical efficiency. **Based on 100% volumetric efficiency.