

Reciprocating Plunger Pumps

TRIPLEX

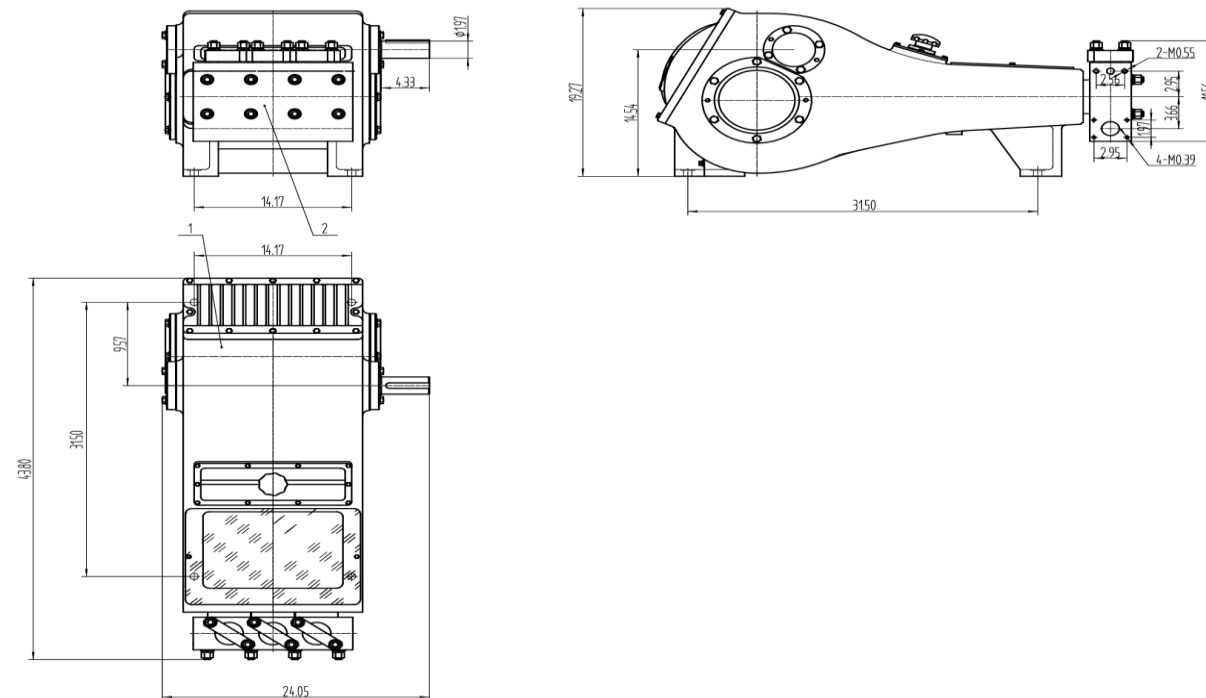
AT-76 (3.34~129.37 GPM)

Technical specification data

Maximum input horsepower rating	80.11
Pump speed	426
Stroke length	3.94"
Maximum plunger size	2.75"
Fluid end working pressure rating	19,880 Psi
Discharge connection size	≤ 2.25"
Suction connection size	≤ 3.75"
Crankcase oil capacity	4.89 Gallons
Standard gear ratio	425: 1
Optional gear ratio	3.47268: 1
Pump Weight Complete (Less Skid)	1,069 Lbs
Overall dimensions (L x W x H)	44.57" X 23.78" X 19.33"

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-76 3.94" Stroke Triplex		Strokes Per Min.	231	282	348	426
		Input HP*	43.44	53.03	65.44	80.11
Plunger Size	Nominal Pressure (PSI)	Output Gal/Rev	Output – Gallons Per Minute**			
2.75"	946.37	0.304	70.15	85.64	105.68	129.37
2.50"	1,145.10	0.251	57.98	70.78	87.34	106.92
2.25"	1,413.71	0.203	46.96	57.33	70.75	86.60
2.00"	1,789.22	0.161	37.11	45.30	55.90	68.43
1.75"	2,336.95	0.123	28.41	34.68	42.80	52.39
1.50"	3,180.84	0.090	20.87	25.48	31.44	38.49
1.25"	4,580.41	0.063	14.49	17.69	21.84	26.73
1.00"	7,156.90	0.040	9.28	11.32	13.97	17.11
0.75"	12,723.37	0.023	5.22	6.37	7.86	9.62
0.60"	19,880.27	0.014	3.34	4.08	5.03	6.16

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