

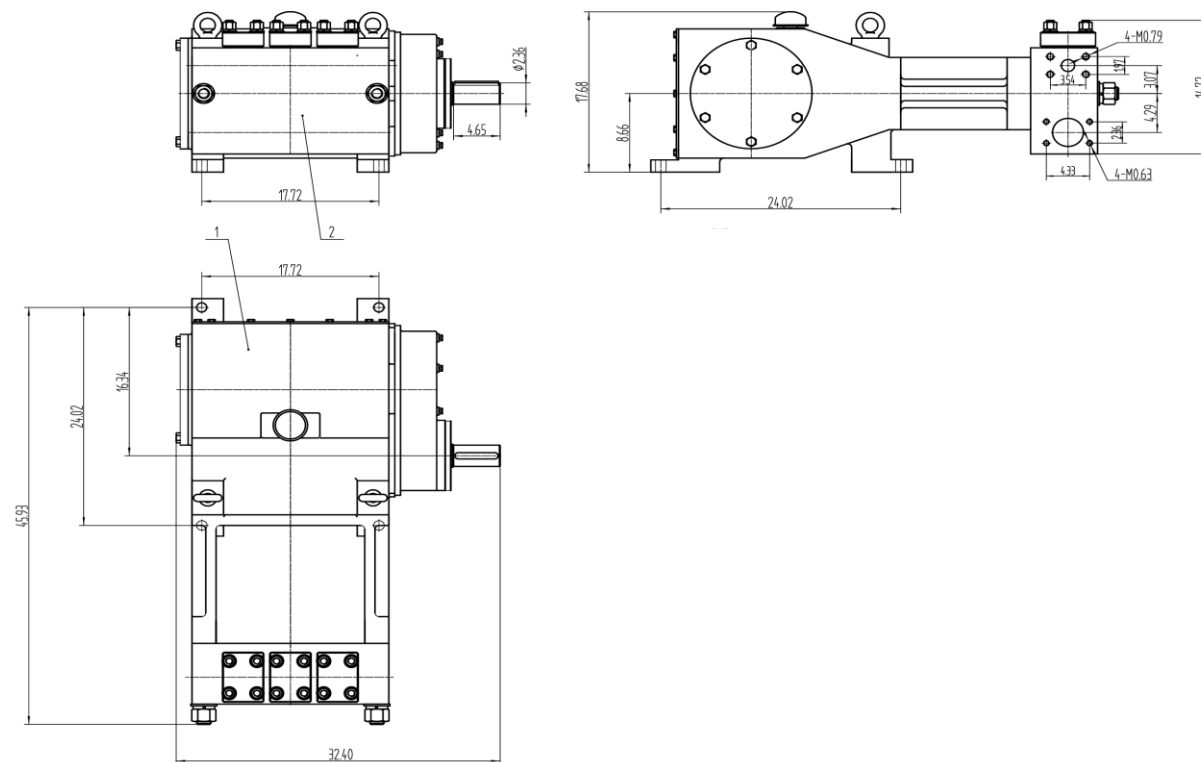
Reciprocating Plunger Pumps

TRIPLEX

AT-85E (23.62~156.81 GPM)

Technical specification data

Maximum input horsepower rating	195.38
Pump speed	463
Stroke length	3.35"
Maximum plunger size	3.15"
Fluid end working pressure rating	4,724 Psi
Discharge connection size	≤ 2.5"
Suction connection size	≤ 4"
Crankcase oil capacity	8.98 Gallons
Standard gear ratio	3.74: 1
Optional gear ratio (other ratios available)	3.20000: 1
Pump weight complete (Less skid)	1,984 Lbs
Overall dimensions (L x W x H)	42.13" X 38.39" X 15.98"



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-85E 3.35" Stroke Triplex		Strokes Per Min.	173	265	309	375	396	463
		Input HP*	73	111.83	130.40	158.25	167.11	195.38
Plunger Size	Nominal Pressure (PSI)	Output Gal/Rev	Output - Gallons Per Minute**					
3.15"	1,904.18	0.339	58.59	89.75	104.66	127.01	134.12	156.81
3.00"	2,099.36	0.307	53.15	81.41	94.93	115.20	121.65	142.24
2.75"	2,498.41	0.258	44.66	68.41	79.76	96.80	102.22	119.52
2.50"	3,023.07	0.213	36.91	56.53	65.92	80.00	84.48	98.77
2.25"	3,732.19	0.173	29.89	45.79	53.40	64.80	68.43	80.01
2.00"	4,723.55	0.137	23.62	36.18	42.19	51.20	54.07	63.22

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