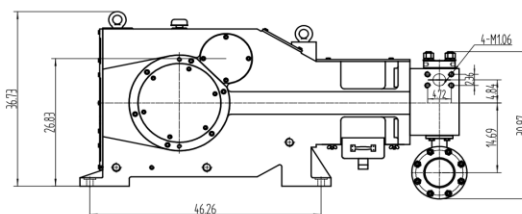
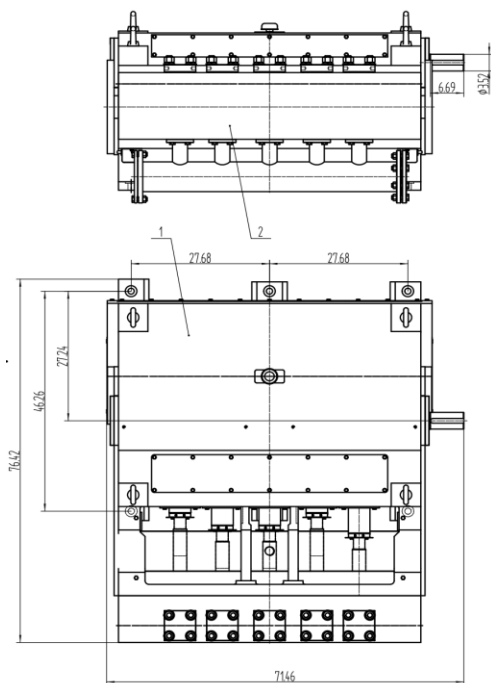


Industrial Plunger Pumps

QUINTUPLEX

AQ-120E (139.58~501.39 GPM)



Technical specification data

Maximum input horsepower rating	881
Maximum strokes per minute	366
SPM for continuous duty	318
Stroke length	4.72"
Maximum plunger size	4.13"
Fluid end working pressure rating	5,719 Psi
Discharge connection size	≤ 4.5"
Suction connection size	≤ 8"
Crankcase oil capacity	105.67 Gallons
Standard gear ratio	4.56:1
Optional gear ratio	4.05:1
Pump weight complete (Less skid)	13,452 Lbs
Overall dimensions (L x W x H)	76.42" X 71.46" X 36.73"

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.

AQ-120E 4.72" Stroke Quintuplex		Strokes Per Min.	217	245	325	366
		Effective HP*	522.34	589.74	782.30	881
Plunger Size	Nominal Pressure (PSI)	Output Gal/Rev	Output - Gallons Per Minute**			
4.13"	2,685.37	1.370	297.27	335.63	445.22	501.39
4.00"	2,862.76	1.285	278.85	314.83	417.64	470.32
3.75"	3,257.18	1.129	245.09	276.71	367.06	413.37
3.50"	3,739.11	0.984	213.50	241.04	319.75	360.09
3.25"	4,336.49	0.848	184.09	207.84	275.71	310.49
3.00"	5,089.35	0.723	156.85	177.09	234.92	264.56
2.83"	5,719.16	0.643	139.58	157.59	209.05	235.42

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