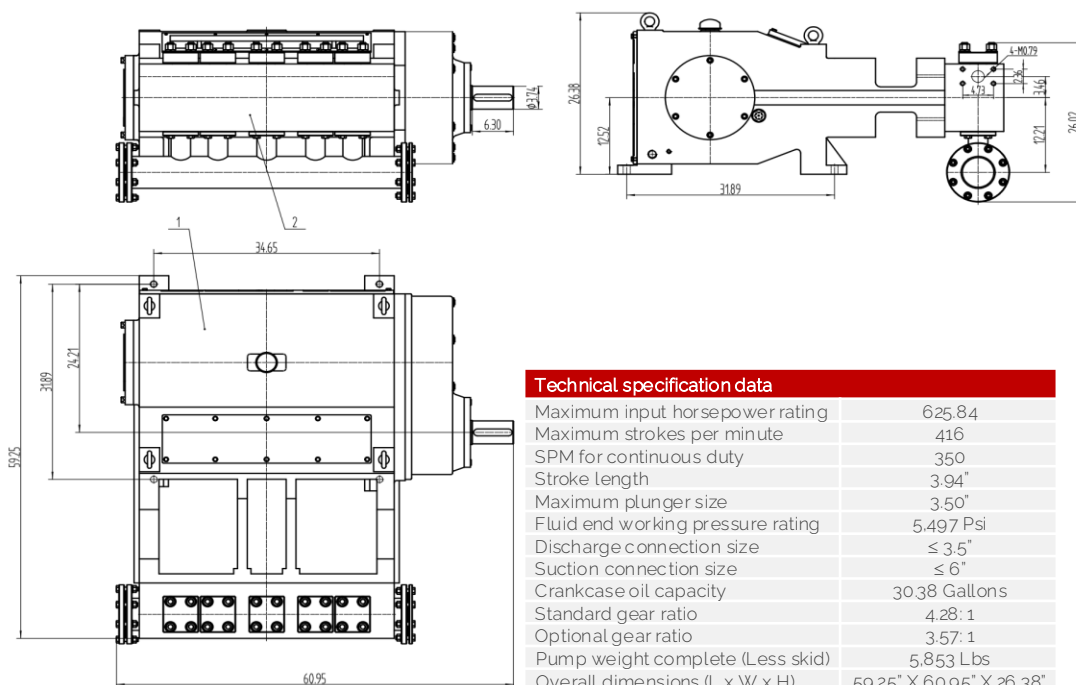


Industrial Plunger Pumps

QUINTUPLEX

AQ-100E (96.63~341.07 GPM)



Technical specification data

Maximum input horsepower rating	625.84
Maximum strokes per minute	416
SPM for continuous duty	350
Stroke length	3.94"
Maximum plunger size	3.50"
Fluid end working pressure rating	5,497 Psi
Discharge connection size	≤ 3.5"
Suction connection size	≤ 6"
Crankcase oil capacity	30.38 Gallons
Standard gear ratio	4.28: 1
Optional gear ratio	3.57: 1
Pump weight complete (Less skid)	5,853 Lbs
Overall dimensions (L x W x H)	59.25" X 60.95" X 26.38"

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-100E		Strokes Per Min.	231	277	325	347	416
3.94" Stroke Quintuplex		Input HP*	347.52	416.73	488.94	522.04	625.84
Plunger Size	Nominal Pressure (PSI)	Output Gal/Rev	Output – Gallons Per Minute**				
3.50"	2,804.34	0.820	189.39	227.11	266.46	284.50	341.07
3.25"	3,252.37	0.707	163.30	195.82	229.75	245.31	294.09
3.00"	3,817.01	0.602	139.15	166.85	195.77	209.02	250.58
2.75"	4,542.56	0.506	116.92	140.20	164.50	175.63	210.56
2.50"	5,496.50	0.418	96.63	115.87	135.95	145.15	174.02

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