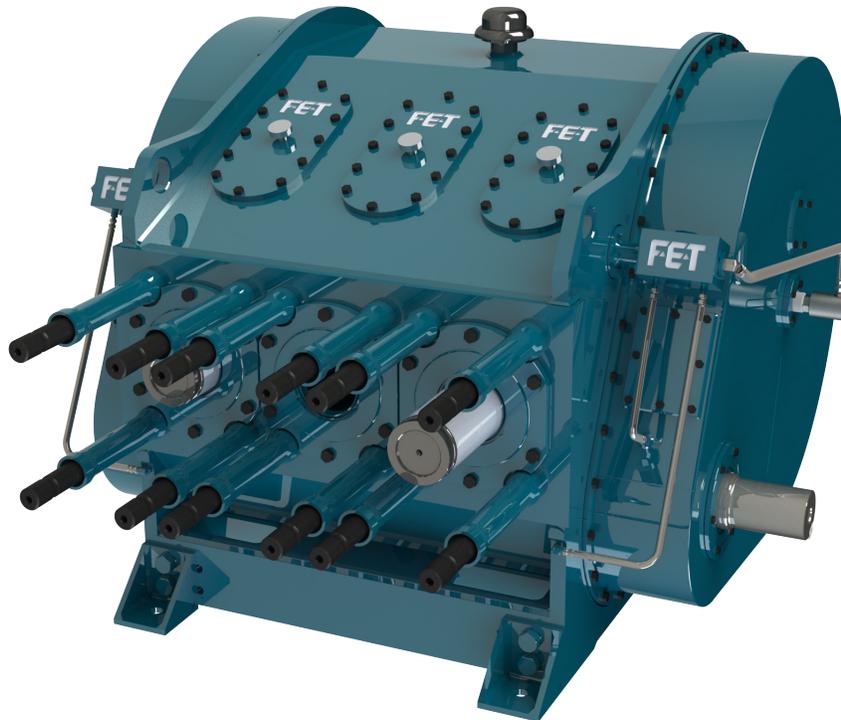


FXD2250 Power End

FET Well Stimulation produces the industry's most reliable power ends. With more than 4,000,000 cumulative pump hours and our unparalleled, two-year frame warranty, you can rely on our power ends to perform consistently in the face of the industry's most challenging conditions.



Design Features

Benefits

Patented Figure 8 Frame Design

Enhanced Pinion Bearing Housing Support, Allowing Optimal Force Distribution Back Into the Frame

Oversized Spherical Roller Bearing

Superior Axial Loading Support Extends Overall Life

Direct Bearing Lubrication

Optimal Lube Film Hydrodynamics Increases Bearing Life

Floating Crank and Direct Lubrication to Crank Thrust Bearing

Superior Pump Timing Control with Improved Gear Mesh Longevity

Pinion Bearing Housing

Prevents Wear being Transferred to the Frame

Removable Lube Pipe

Reduces Stresses on the Frame and Increases Ease of Cleaning

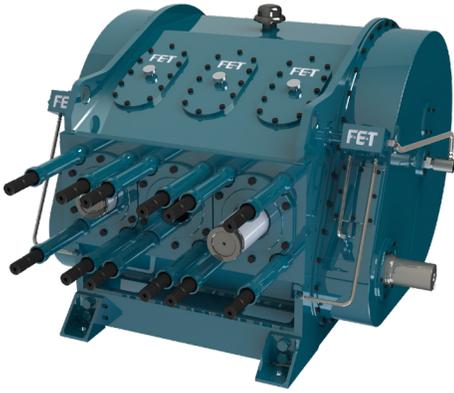
Drop-in Replacement to Competitor Pumps

Eliminates Trailer Modifications

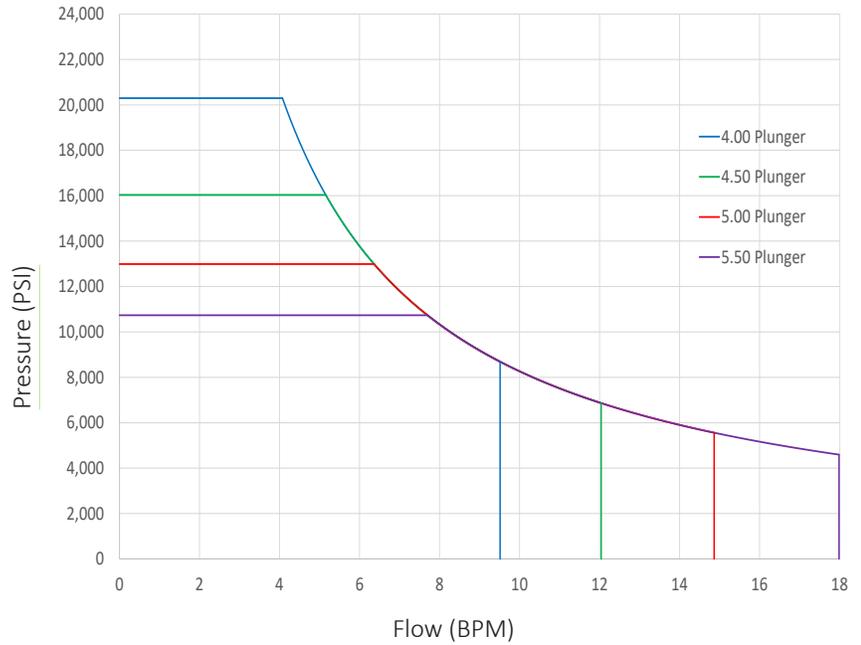


WELL
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FXD2250 Performance Chart



Specifications

- Rod Load: 250,000 lbs.
- Maximum Input: 2,250 BHP
- Maximum RPM (Input/Output): 1950 / 307
- Stroke Length: 8"
- Power End Weight: 10,667 lbs.
- Complete Pump Weight: 14,039 lbs.
- Distance Between Centers: 12"
- Gear Ratio: 6.353:1

FXD2250 Performance Table

Plunger Diameter		Inches	4.0	4.5	5.0	5.5	Rod Load	Input Power
Displacement per Revolution		Barrels	.05	.07	.08	.10	LBF	BHP
Flow Rate at Crankshaft RPM	100	BPM	3.11	3.93	4.86	5.88	250,000	1,684
		PSI	19,894	15,719	12,732	10,523		
	150	BPM	4.66	5.90	7.29	8.82	222,713	2,250
		PSI	17,723	14,003	11,343	9,374		
	200	BPM	6.22	7.87	9.71	11.75	167,035	2,250
		PSI	13,292	10,502	8,507	7,031		
	250	BPM	7.77	9.84	12.14	14.69	133,628	2,250
		PSI	10,634	8,402	6,806	5,624		
	300	BPM	9.33	11.80	14.57	17.63	111,356	2,250
		PSI	8,861	7,002	5,671	4,687		
	307	BPM	9.54	12.08	14.91	18.04	108,817	2,250
		PSI	8,659	6,842	5,542	4,580		

Note: Values in this table were calculated based on 90% mechanical efficiency. Before using these tables or values contact Forum engineering to ensure the values are valid and up to date Properties can be changed significantly by small changes in design to handle different rod loads, and these changes occur semi-frequently. Engineering needs to sign off on any document that contains any reference to values derived from these tables for this reason.