WORK FORCE™
WF400 Triplex Pump

Specifications

Nominal input horsepower:	400
Maximum continuous pinion torque:	2,457 lb-ft
Maximum continuous pinion rpm:	855
Maximum strokes per minute:	155
Stroke length:	8.5 inches
Maximum piston diameter:	6 inches
Minimum piston diameter:	3 inches
Suction manifold:	6 inches with 150 pound flanges
Discharge manifold:	3 inches with 5,000 pound flanges
Pump weight dry:	9,000 pounds

Standard Features

- Mirrored gear assembly
- Multiple pinion positions
- Alloy steel fluid end with API standard valves and seats
- 30,000 hour minimum bearing L10 life
- Small footprint with high horsepower-to-weight ratio
- Gears designed to AGMA 8 and 10 specifications
- Rigid fabricated pump frame and skid
- Fabricated high-strength alloy steel eccentric core
- High-strength alloy steel in all drive components
- Cast cross heads and guides
- External lubrication pump
- External liner wash pump
- PAH style fluid end

Options

- Pulsation dampener
- Strainer cross
- Pressure relief valve
- Torque tube drive interface
- Pressure gauge
- Charge pump
- Custom skids
- Motor starters in explosion-proof enclosure
- Mechanically-driven external lube pumps
- Mechanically-driven liner wash pumps
- Dual lube pumps
- Other fluid end styles available

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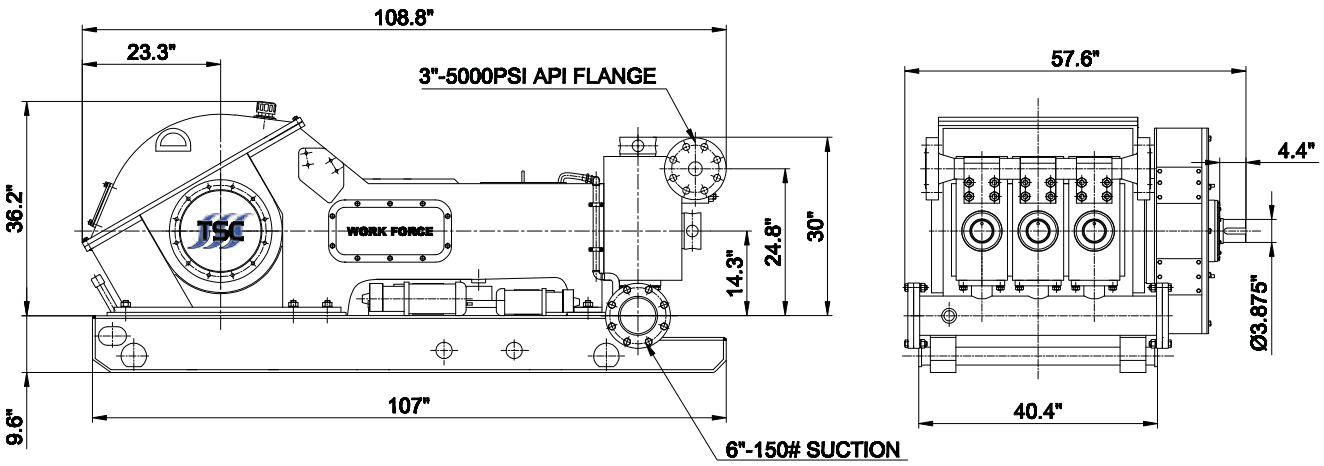

WF400 Performance Characteristics		Pinion HP	80	133	187	240	293	347	400
		Pinion Torque	2,457 lb-ft						
		Pinion RPM	171	285	399	513	627	741	855
Piston Dia. (in.)	Pressure (psi)	Strokes (spm)	30	50	70	90	110	130	150
3.0	5,000	Output (gpm)	24	39	55	70	86	101	117
3.5	3,873		32	53	74	96	117	138	159
4.0	2,965		42	69	97	125	153	180	208
4.5	2,343		53	88	123	158	193	228	263
5.0	1,898		65	108	152	195	238	282	325

Notes:

- All data is subject to change without notice.
- All data is based on 100% or continuous duty cycle.
- Data is based on 90% mechanical and 100% volumetric efficiency.
- Minimum RPM or SPM:
  1. Electric systems: 10% of the maximum
  2. Mechanical systems: 50% of the maximum

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