

# WORK FORCE™

## WF340 Triplex Pump

### Specifications

Rated BHP at 450 rpm:	340 hp
Maximum continuous pinion rpm:	450 rpm
Stroke length:	5 inches
Available piston diameter:	3-1/2 – 4-1/2 inches
Available plunger diameter:	2-3/4 – 4 inches
Maximum working pressure:	10,000 psi
Suction manifold:	6 inches, SCH 40 bfw
Discharge connection 2-1/16 inches API - 10,000 psi RJ Flange	
Pump dry weight:	5,100 pounds
Oil capacity:	Crankcase 6 gallons

### Standard Features

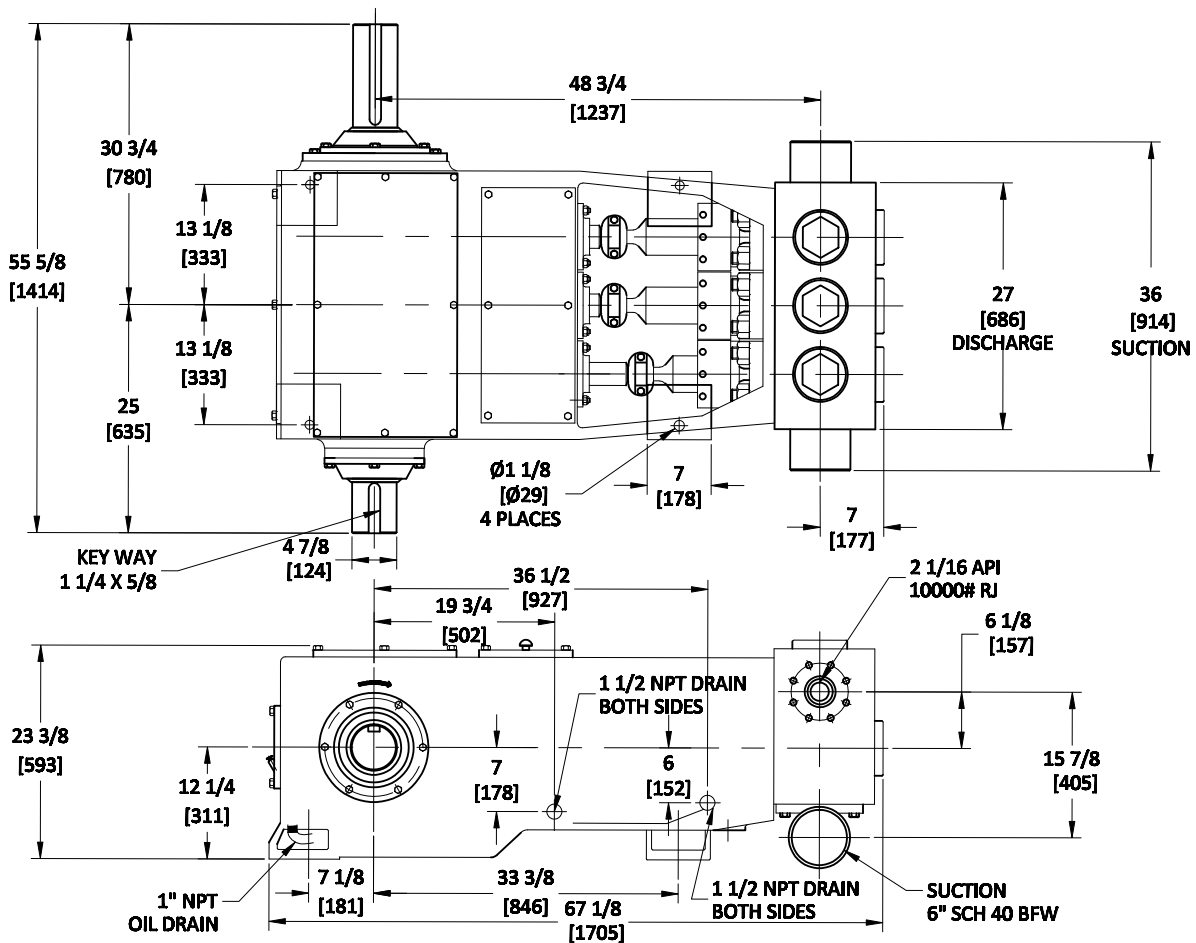
- Intermittent duty pump
- Compact footprint with high horsepower-to-weight ratio
- Forged steel fluid end
- Forged steel valve covers
- Pistons/Liners or Plunger/Packing
- Slush-type valves
- Double extended crankshaft
- Pressurized internal power-end lubrication system

### Options

- Bolt-on style gear reducers:
  - 2.27:1
  - 2.89:1
  - 3.25:1
  - 4.38:1
  - 4.84:1
- Pressure relief valve
- Pressure gauge
- Suction stabilizer
- Discharge dampener
- Charge pump
- Valve service kit
- Custom skid unitization with diesel or electric drive system
- Plunger lubricator/liner wash system



# WORK FORCE™ WF340 Triplex Pump



WFU 340 Performance Data	Input BHP	HP	63	126	252	340	340	340	340	340	340
		KW	47	94	188	254	254	254	254	254	254
Diameter, in.	RPM		25	50	100	200	250	300	350	400	450
2.75" Plunger Only	Flow rate GPM		10	19	39	77	96	116	135	154	174
	Discharge Pressure (psi)		10000	10000	10000	6799	5439	4533	3885	3400	3022
3" Plunger Only	Flow rate GPM		12	23	46	92	115	138	161	184	207
	Discharge Pressure (psi)		8469	8469	8469	5713	4571	3809	3265	2857	2539
3.5"	Flow rate GPM		16	31	62	125	156	187	219	250	281
	Discharge Pressure (psi)		6222	6222	6222	4198	3358	2798	2399	2099	1866
4"	Flow rate GPM		20	41	82	163	204	245	286	326	367
	Discharge Pressure (psi)		4764	4764	4764	3214	2571	2143	1836	1607	1428
4.5" Piston Only	Flow rate GPM		26	52	103	207	-	-	-	-	-
	Discharge Pressure (psi)		3764	3764	3764	2539	-	-	-	-	-

**Notes:**

- All data is subject to change without notice.
- Duty cycle, no more than four hours runtime in a 24-hour period.
- Data is based on 90% mechanical and 100% volumetric efficiency.
- Minimum RPM or SPM:
  - Electric systems: 10% of the maximum.
  - Mechanical systems: 50% of the maximum.

