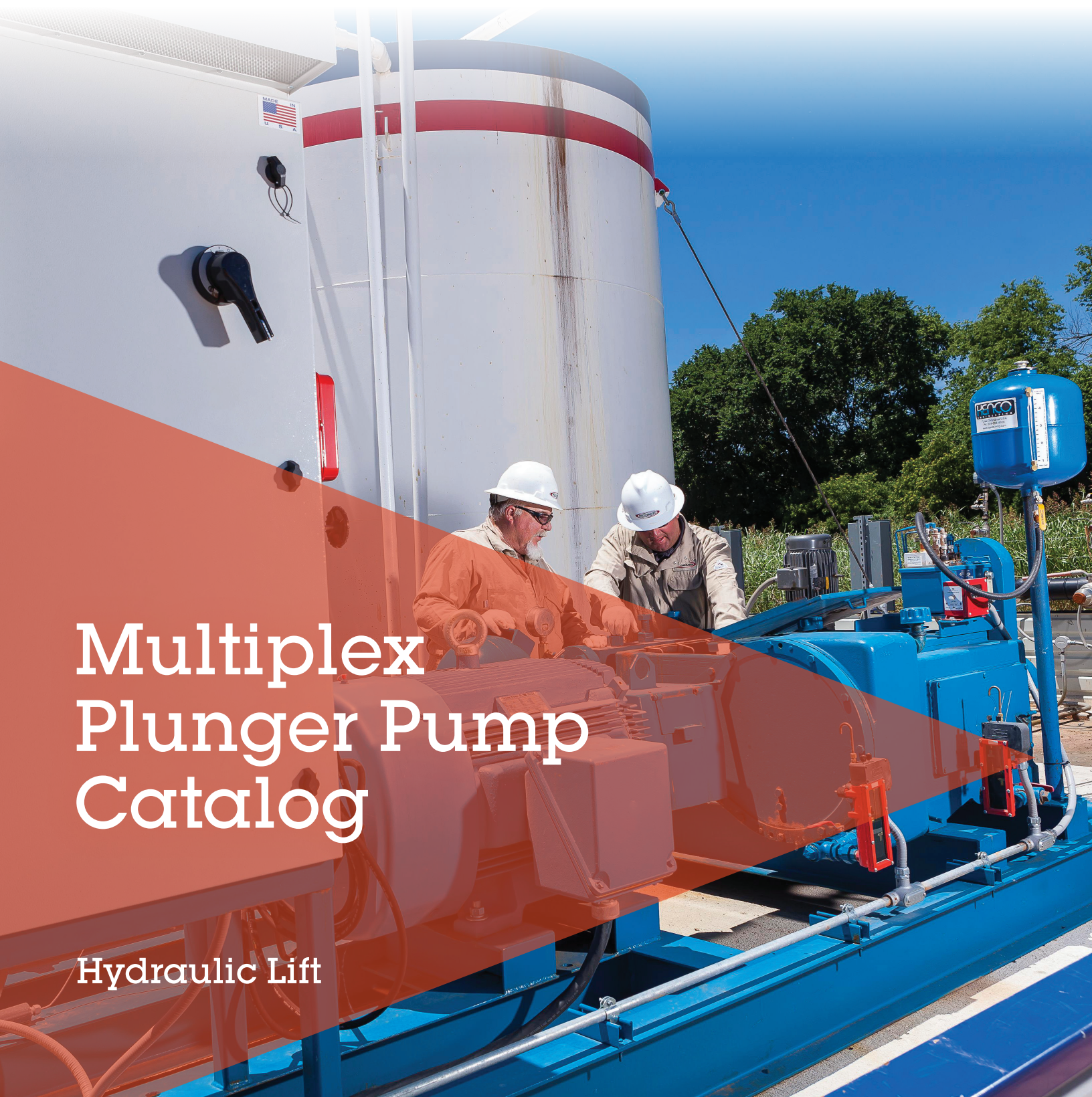


Multiplex Plunger Pump Catalog

Hydraulic Lift



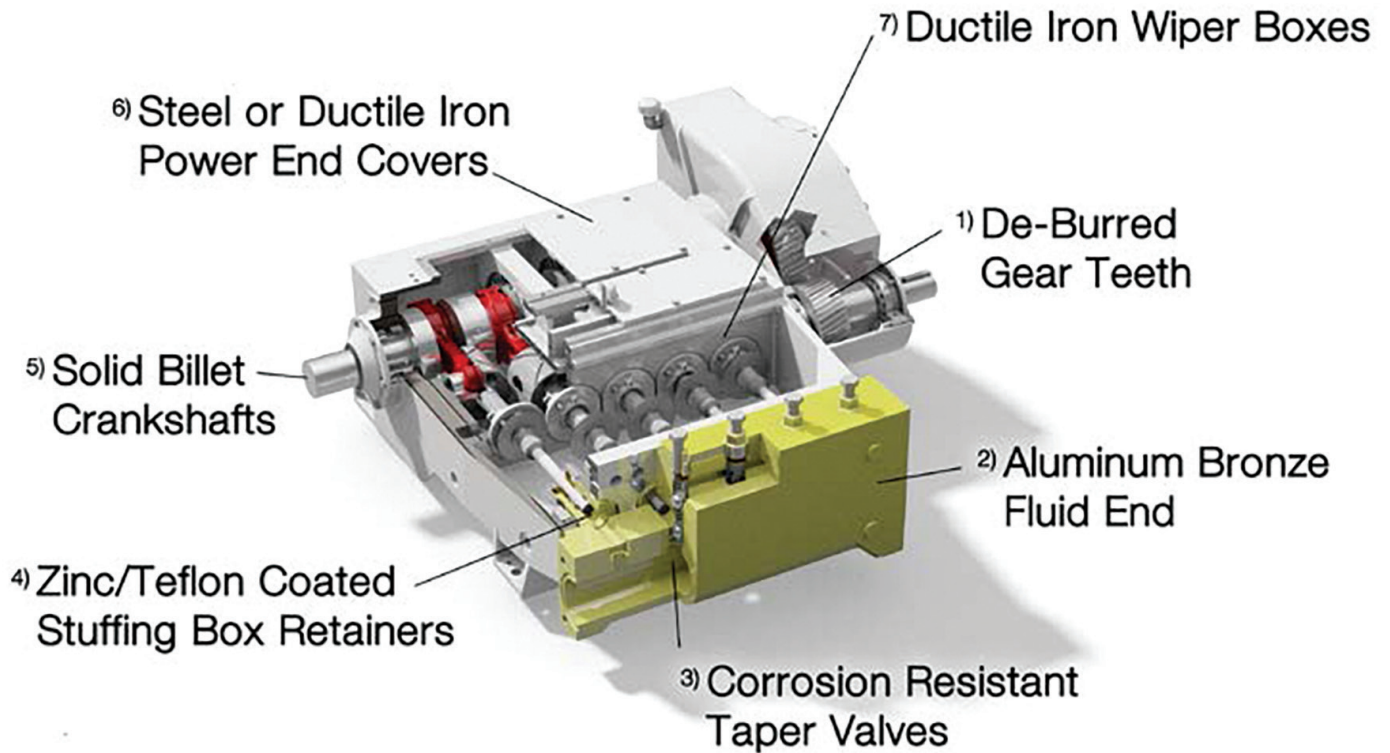
Multiplex Pumps

Manufactured in Odessa, TX, Apergy - Hydraulic Lift offers the industry's most diverse range of Accelerated® Multiplex Pumps. Drawing on decades of engineering and service expertise, you are assured of the optimal surface pumping (positive displacement) system that delivers long-term reliability and operational efficiency. With duplex, triplex, and quintuplex configurations, we provide a pumping solution for virtually any fluid, at any pressure, and for almost all applications including:

- Hydraulic Lift
- Salt Water Disposal
- Transfer Pumping
- Chemical Injection
- Hydrostatic Testing
- Polymer Injection
- Steel Mill Services
- Municipal Pumping
- Mining Services
- Reverse Osmosis



Standard Features



1. Bull gears and pinions are completely de-burred (each tooth) to aid gear mesh and provide considerable noise reduction.
2. Aluminum Bronze fluid ends are standard with H, M, and L. **Other materials upon request.*
3. Accelerated tapered valves are more corrosion resistant and available in regular or heavy duty.
4. Stuffing box retainers are coated with Zinc/Teflon to avoid rust and aid in removal of stuffing boxes in the field.
5. Crankshafts are all solid billet (bar) crankshafts.
6. All power end covers are steel or ductile iron to prevent cracking and breaking in the field.
7. Wiper boxes are all made of ductile iron to prevent saltwater erosion.

Duplex Pumps

A-50D Duplex Plunger Pump

MAX DISCHARGE PRESSURE (PSI)

- (H) Fluid End: 5,160
- (M) Fluid End: 4,265
- (L) Fluid End: 2,020

CRANKSHAFT EXTENSIONS

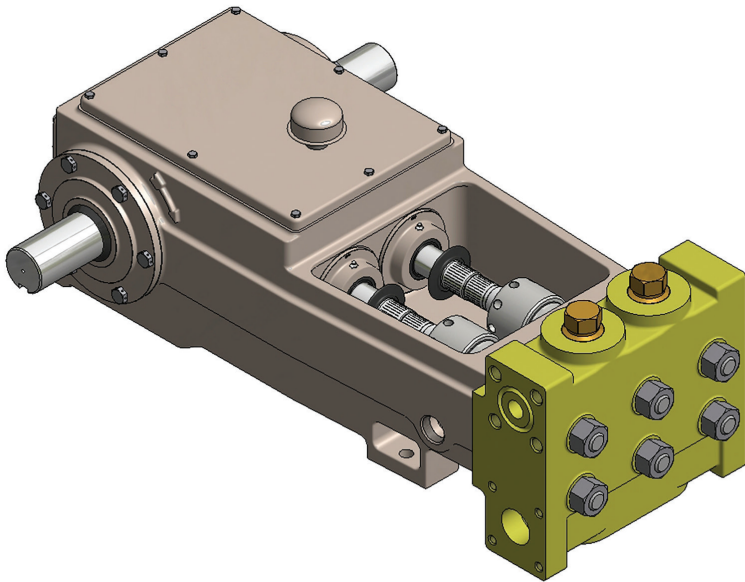
- Diameter: 3"
- Length (long side): 5-3/16"
- Length (short side): 5-3/16"
- Keyway: 3/4" W x 3/8" D

OIL CAPACITY

- Crankcase: 1.5 gallons
- Gear Reducer: 1 gallons

ACCESSORY GEAR REDUCTION UNIT RATIOS

- 2.34:1, 2.77:1, 3.03:1, 3.5:1
- Weight: 325 lbs



SPECIFICATIONS		
Stroke Length	3 in	76 mm
Rated Power at 450 RPM	53 hp	39 kw
Rated Plunger Load	6,340 lbs	2,875 kg
Weight	1,060 lbs	481 kg

Note: Minimum pump speed 200 RPM without low speed powered lubrication system.

A-50D Duplex Plunger Pump Technical Data

A-50D TECHNICAL DATA															
	Connections		Pigr. Dia. (in)	BPD per RPM	Max Press (psi)	200 RPM		300 RPM		350 RPM		400 RPM		450 RPM	
	Suction	Discharge				GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
A-50D-L	3" ANSI 150 FF	2" API 2,000 RJ	3.375	7.97	710	46.4	1,593	69.7	2,390	81.3	2,788	92.9	3,186	104.5	3,585
			3.250	7.40	765	43.2	1,480	64.8	2,220	75.4	2,586	86.3	2,960	97.1	3,330
			3.000	6.29	895	36.7	1,258	55.0	1,887	64.0	2,201	73.4	2,516	82.6	2,830
			2.750	5.30	1,065	30.9	1,060	46.4	1,590	54.0	1,855	61.8	2,120	69.6	2,385
			2.500	4.37	1,290	25.5	874	38.2	1,311	44.6	1,529	51.0	1,748	57.4	1,965
			2.250	3.54	1,595	20.7	708	31.0	1,062	36.1	1,239	41.3	1,416	46.5	1,593
			2.000	2.80	2,020	16.3	560	24.5	840	28.6	980	32.7	1,120	36.8	1,260
A-50D-M	2.5" ANSI 150 FF	1.5" API 5,000 RJ	2.000	2.80	2,020	16.3	560	24.5	840	28.6	980	32.7	1,120	36.8	1,260
			1.875	2.46	2,295	14.3	491	21.5	737	25.1	860	28.6	983	32.2	1,106
			1.750	2.14	2,635	12.5	428	18.7	642	21.9	749	25.0	856	28.1	963
			1.625	1.83	3,055	10.7	366	16.0	549	18.9	640	21.4	732	24.1	823
			1.500	1.57	3,585	9.2	314	13.7	471	16.1	549	18.3	628	20.6	706
			1.375	1.32	4,265	7.7	264	11.6	396	13.5	462	15.4	528	17.3	594
A-50D-H	2.5" ANSI 300 FF	1.25" ANSI 2,500 RJ	1.375	1.32	4,265	7.7	264	11.6	396	13.5	462	15.4	528	17.3	594
			1.250	1.09	5,160	6.4	218	9.6	327	11.2	381	12.8	436	14.4	490

$$BPD = GPM / 0.0292 \text{ BHP} = (GPM \times PSI) / 1543 = (BPD \times PSI) / 53902$$

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Triplex Plunger Pumps

A-80T Triplex Plunger Pump

MAX DISCHARGE PRESSURE (PSI)

- (H) Fluid End: 5,160
- (M) Fluid End: 4,265
- (L) Fluid End: 2,020

CRANKSHAFT EXTENSIONS

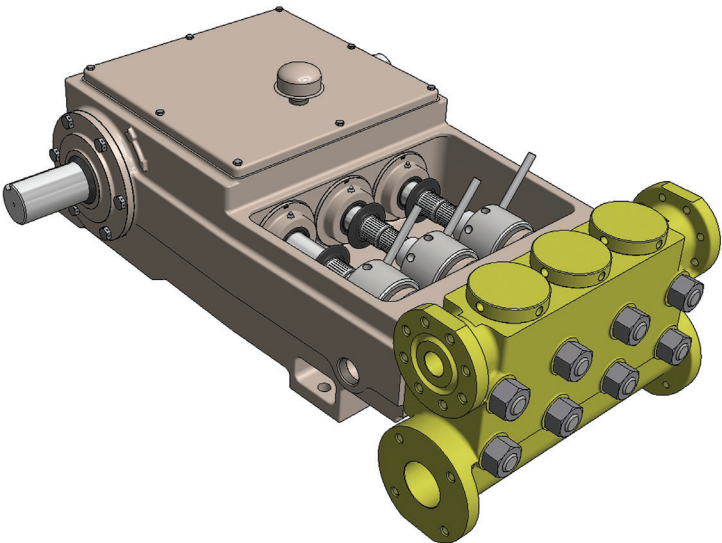
- Diameter: 3"
- Length (long side): 5-3/16"
- Length (short side): 5-3/16"
- Keyway: 3/4" W x 3/8" D

OIL CAPACITY

- Crankcase: 2 gallons
- Gear Reducer: 1 gallon

ACCESSORY GEAR REDUCTION UNIT RATIOS

- 2.34:1, 2.77:1, 3.03:1, 3.5:1
- Weight: 325 lbs



SPECIFICATIONS		
Stroke Length	3 in	76 mm
Rated Power at 500 RPM	80 hp	60 kw
Rated Plunger Load	6,340 lbs	2,875 kg
Weight	1,200 lbs	545 kg

Note: Minimum pump speed 200 RPM without low speed powered lubrication system.

OPTIONS

- Bolt on gear reducers
- Pulsation dampeners, relief valves, or packing lubricator
- Packaged systems
- Low speed power end lubrication system

A-80T Triplex Plunger Pump Technical Data

A-80T TECHNICAL DATA																	
	Connections		Pigr. Dia. (in)	BPD per RPM	Max Press (psi)	200 RPM		300 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
	Suction	Discharge				GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
A-80T-L	3" ANSI 150 FF	2" API 2,000 RJ	3.375	11.95	710	69.7	2,391	104.6	3,586	122.0	4,183	139.4	4,781	156.8	5,378	174.3	5,976
			3.250	11.08	765	64.6	2,217	97.0	3,325	113.1	3,879	129.3	4,433	145.4	4,987	161.6	5,541
			3.000	9.44	895	55.1	1,889	82.6	2,833	96.4	3,305	110.2	3,777	123.9	4,250	137.7	4,722
			2.750	7.93	1,065	46.3	1,587	69.4	2,381	81.0	2,777	92.6	3,174	104.1	3,571	115.7	3,968
			2.500	6.56	1,290	38.2	1,312	57.4	1,968	66.9	2,295	76.5	2,623	86.1	2,951	95.6	3,279
			2.250	5.31	1,595	31.0	1,063	46.5	1,594	54.2	1,859	62.0	2,125	69.7	2,391	77.5	2,656
			2.000	4.20	2,020	24.5	840	36.7	1,259	42.8	1,469	49.0	1,679	55.1	1,889	61.2	2,099
A-80T-M	2.5" ANSI 150 FF	1.5" API 5,000 RJ	2.000	4.20	2,020	24.5	840	36.7	1,259	42.8	1,469	49.0	1,679	55.1	1,889	61.2	2,099
			1.875	3.69	2,295	21.5	737	32.2	1,106	37.6	1,290	43.0	1,475	48.4	1,659	53.7	1,844
			1.750	3.21	2,635	18.7	643	28.1	964	32.8	1,125	37.5	1,286	42.2	1,446	46.9	1,607
			1.625	2.77	3,055	16.2	555	24.2	832	28.3	970	32.3	1,109	36.4	1,247	40.4	1,386
			1.500	2.36	3,585	13.8	473	20.7	709	24.1	827	27.5	945	31.0	1,063	34.4	1,181
			1.375	1.98	4,265	11.6	397	17.4	596	20.2	695	23.1	794	26.0	893	28.9	992
A-80T-H	2.5" ANSI 300 FF	1.25" ANSI 2,500 RJ	1.375	1.98	4,265	11.6	397	17.4	596	20.2	695	23.1	794	26.0	893	28.9	992
			1,250	1.64	5,160	9.6	328	14.3	492	16.7	574	19.1	656	21.5	738	23.9	820

BPD = GPM / 0.0292 BHP = (GPM x PSI) / 1543 = (BPD x PSI) / 53902

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A-130T Triplex Plunger Pump

MAX DISCHARGE PRESSURE (PSI)

- (H) Fluid End: 5,000
- (M) Fluid End: 3,110
- (L) Fluid End: 1,750

CRANKSHAFT EXTENSIONS

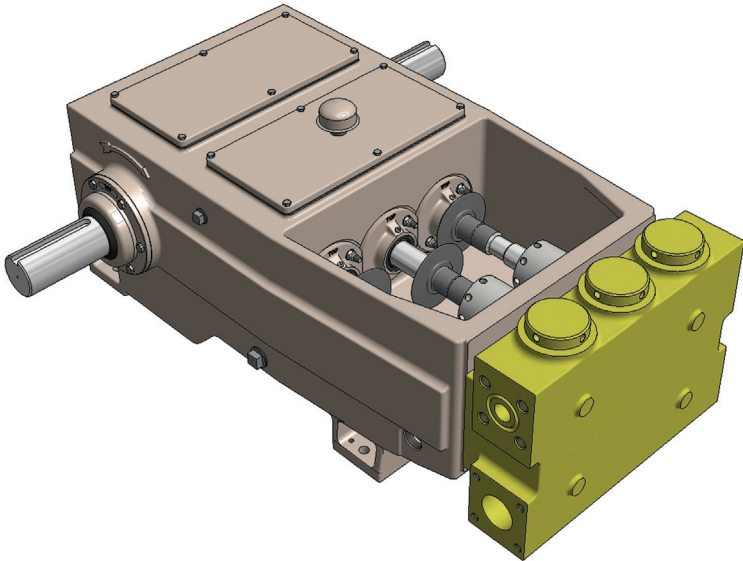
- Diameter: 3-3/4"
- Length (long side): 8-1/16"
- Length (short side): 8-5/16"
- Keyway: 7/8" W x 7/16" D

OIL CAPACITY

- Crankcase: 5.5 gallons
- Gear Reducer: 3 gallons

ACCESSORY GEAR REDUCTION UNIT RATIOS

- 2.60:1, 3.15:1, 3.42:1, 3.89:1, 4.27:1
- Weight: 500 lbs



SPECIFICATIONS		
Stroke Length	4 in	102 mm
Rated Power at 450 RPM	130 hp	98 kw
Rated Plunger Load	8,600 lbs	3,900 kg
Weight	2,400 lbs	1,090 kg

Note: Minimum pump speed 200 RPM without low speed powered lubrication system.

OPTIONS

- Bolt on gear reducers
- Pulsation dampeners, relief valves, or packing lubricator
- Packaged systems
- Low speed power end lubrication system

A-130T Triplex Plunger Pump Technical Data

A-130T TECHNICAL DATA																	
	Connections		Pigr. Dia. (in)	BPD per RPM	Max Press (psi)	200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		450 RPM	
	Suction	Discharge				GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
A-130T-L	5" ANSI 150 FF	2.5" API 2,000 RJ	3.625	18.40	830	107.2	3,676	134.3	4,600	161.2	5,520	188.0	6,440	214.9	7,360	241.8	8,280
			3.500	17.14	895	99.9	3,427	125.1	4,285	150.1	5,142	175.2	5,999	200.2	6,856	225.2	7,713
			3.375	15.93	960	92.9	3,186	116.1	3,983	139.4	4,780	162.6	5,576	185.8	6,373	209.1	7,170
			3.250	14.78	1,035	86.1	2,955	107.9	3,695	129.5	4,434	151.1	5,173	172.6	5,912	194.2	6,651
			3.125	13.66	1,120	79.6	2,732	99.6	3,415	119.5	4,098	139.4	4,781	159.3	5,464	179.2	6,147
			3.000	12.59	1,215	73.4	2,517	91.9	3,148	110.3	3,777	128.7	4,407	147.1	5,036	165.4	5,666
			2.875	11.56	1,325	67.4	2,312	84.3	2,890	101.1	3,468	118.0	4,046	134.8	4,625	151.7	5,203
			2.750	10.58	1,450	61.7	2,115	77.2	2,645	92.7	3,174	108.1	3,703	123.6	4,232	139.0	4,761
			2.625	9.64	1,590	56.2	1,927	70.4	2,410	84.4	2,892	98.5	3,374	112.6	3,856	126.7	4,338
			2.500	8.74	1,750	50.9	1,748	63.8	2,185	76.6	2,622	89.3	3,059	102.1	3,496	114.8	3,933
A-130T-M	3" ANSI 150 FF	1.5" API 5,000 RJ	2.375	7.90	1,940	46.0	1,578	57.7	1,975	69.2	2,370	80.7	2,765	92.3	3,160	103.8	3,555
			2.250	7.08	2,160	41.3	1,416	51.7	1,770	62.0	2,124	72.4	2,478	82.7	2,832	93.0	3,186
			2.125	6.32	2,420	36.8	1,263	46.1	1,580	55.4	1,896	64.6	2,212	73.8	2,528	83.0	2,844
			2.000	5.60	2,735	32.6	1,119	40.9	1,400	49.1	1,680	57.2	1,960	65.4	2,240	73.6	2,520
			1.875	4.92	3,110	28.6	983	35.9	1,230	43.1	1,476	50.3	1,722	57.5	1,968	64.6	2,214
A-130T-H	3" ANSI 300 FF	1.5" ANSI 2,500 RJ	1.750	4.28	3,570	24.9	856	31.2	1,070	37.5	1,284	43.7	1,498	50.0	1,712	56.2	1,926
			1.625	3.70	4,140	21.5	738	27.0	925	32.4	1,110	37.8	1,295	43.2	1,480	48.6	1,665
			1.500	3.15	4,860	18.3	629	23.0	788	27.6	945	32.2	1,103	36.8	1,260	41.4	1,418
			1.375	2.65	5,000	15.4	528	19.3	663	23.2	795	27.1	928	31.0	1,060	34.8	1,193

$BPD = GPM / 0.0292$ $BHP = (GPM \times PSI) / 1543$ $= (BPD \times PSI) / 53902$

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A-165T Triplex Plunger Pump

MAX DISCHARGE PRESSURE (PSI)

- (H) Fluid End: 5,000
- (M) Fluid End: 3,120
- (L) Fluid End: 1,650

CRANKSHAFT EXTENSIONS

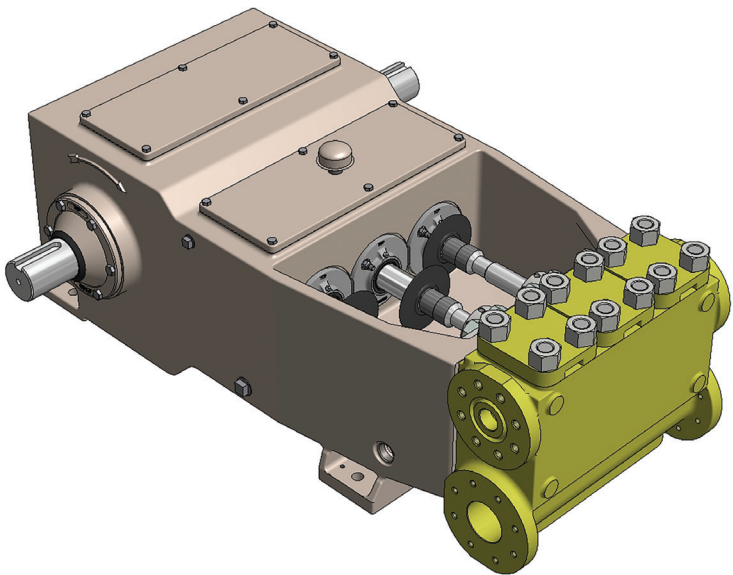
- Diameter: 4-1/8"
- Length (long side): 7-13/16"
- Length (short side): 5-1/8"
- Keyway: 1" W x 1/2" D

OIL CAPACITY

- Crankcase: 8 gallons
- Gear Reducer: 2.5 to 3.5 gallons

ACCESSORY GEAR REDUCTION UNIT RATIOS

- 2.80:1, 3.22:1, 3.46:1, 4.00:1, 4.38:1, 4.78:1, 4.96:1, 5.50:1
- Weight: 800 lbs



SPECIFICATIONS		
Stroke Length	5 in	127 mm
Rated Power at 400 RPM	165 hp	124 kw
Rated Plunger Load	9,800 lbs	4,444 kg
Weight	4,000 lbs	1,818 kg

Note: Minimum pump speed 200 RPM without low speed powered lubrication system.

OPTIONS

- Bolt on gear reducers
- Pulsation dampeners, relief valves, or packing lubricator
- Packaged systems
- Low speed power end lubrication system

A-165T Triplex Plunger Pump Technical Data

A-165T TECHNICAL DATA															
	Connections		Pigr. Dia. (in)	BPD per RPM	Max Press (psi)	200 RPM		250 RPM		300 RPM		350 RPM		400 RPM	
	Suction	Discharge				GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
A-165T-L	6" ANSI 150 FF	3" API 2,000 RJ	4.000	28.00	780	163.5	5,600	204.4	7,000	245.3	8,400	286.2	9,800	327.0	11,200
			3.750	24.60	890	143.7	4,920	179.6	6,150	215.5	7,380	251.4	8,610	287.3	9,840
			3.500	21.40	1,020	125.0	4,280	156.2	5,350	187.5	6,420	218.7	7,490	250.0	8,560
			3.250	18.48	1,180	107.9	3,696	134.9	4,620	161.9	5,544	188.9	6,468	215.8	7,392
			3.000	15.75	1,390	92.0	3,150	115.0	3,938	138.0	4,725	161.0	5,513	184.0	6,300
			2.750	13.20	1,650	77.1	2,640	96.4	3,300	115.6	3,960	134.9	4,620	154.2	5,280
A-165T-M	4" ANSI 150 FF	2" API 5,000 RJ	2.750	13.20	1,650	77.1	2,640	96.4	3,300	115.6	3,960	134.9	4,620	154.2	5,280
			2.625	12.05	1,810	70.2	2,409	87.8	3,012	105.4	3,614	122.9	4,217	140.5	4,819
			2.500	10.92	2,000	63.8	2,184	79.7	2,730	95.7	3,279	111.6	3,822	127.5	4,368
			2.375	9.90	2,215	57.8	1,980	72.3	2,475	86.7	2,970	101.2	3,465	115.6	3,960
			2.250	8.85	2,465	51.7	1,770	64.6	2,213	77.5	2,655	90.4	3,098	103.4	3,540
			2.125	7.90	2,765	46.1	1,580	57.7	1,975	69.2	2,370	80.7	2,765	92.3	3,160
			2.000	7.00	3,120	40.9	1,400	51.1	1,750	61.3	2,100	71.5	2,450	81.8	2,800
A-165T-H	3" API 2,000 RJ	2" ANSI 2,500 RJ	2.000	7.00	3,120	40.9	1,400	51.1	1,750	61.3	2,100	71.5	2,450	81.8	2,800
			1.875	6.15	3,550	36.0	1,233	44.8	1,534	53.9	1,846	62.8	2,151	71.8	2,459
			1.750	5.35	4,075	31.2	1,068	39.0	1,336	46.9	1,606	54.7	1,873	62.5	2,140
			1.625	4.62	4,725	27.0	925	33.8	1,158	40.5	1,387	47.2	1,616	54.0	1,849
			1.500	3.93	5,000	23.0	788	28.8	986	34.4	1,178	40.2	1,377	46.0	1,575

$BPD = GPM / 0.0292$ $BHP = (GPM \times PSI) / 1543 = (BPD \times PSI) / 53902$

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A-200T Triplex Plunger Pump

MAX DISCHARGE PRESSURE (PSI)

- (H) Fluid End: 5,000
- (M) Fluid End: 3,780
- (L) Fluid End: 2,600

CRANKSHAFT EXTENSIONS

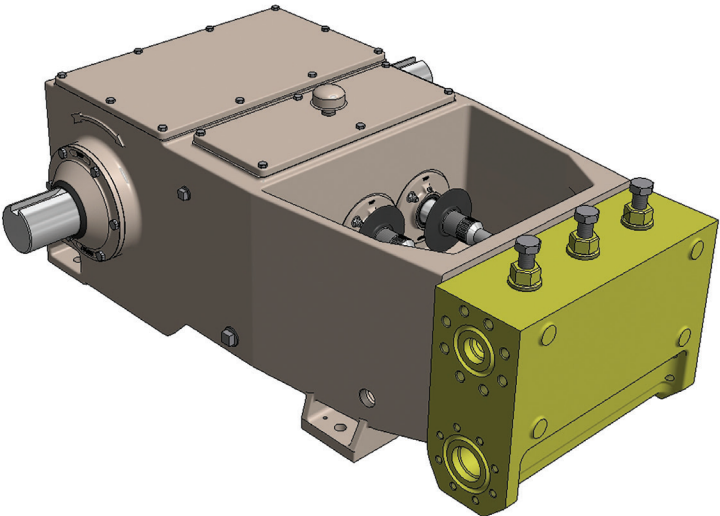
- Diameter: 4-7/8"
- Length (long side): 11-3/8"
- Length (short side): 5-5/8"
- Keyway: 1-1/4" W x 5/8" D

OIL CAPACITY

- Crankcase: 6.5 gallons
- Gear Reducer: 3.5 to 6.5 gallons

ACCESSORY GEAR REDUCTION UNIT RATIOS

- 2.27:1, 2.89:1, 3.25:1, 4.38:1, 4.84:1, 5.46:1
- Weight: 1,100 lbs



SPECIFICATIONS		
Stroke Length	5 in	127 mm
Rated Power at 400 RPM	200 hp	150 kw
Rated Plunger Load	11,875 lbs	5,385 kg
Weight	4,490 lbs	2,040 kg

Note: Minimum pump speed 100 RPM without low speed powered lubrication system.

OPTIONS

- Bolt on gear reducers
- Pulsation dampeners, relief valves, or packing lubricator
- Packaged systems
- Low speed power end lubrication system

A-200T Triplex Plunger Pump Technical Data

A-200T TECHNICAL DATA																	
	Connections		Pigr. Dia. (in)	BPD per RPM	Max Press (psi)	150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM	
	Suction	Discharge				GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
A-200T-L	6" ANSI 150 FF	3" API 2,000 RJ	4.000	28.00	950	122.6	4,200	163.5	5,600	204.4	7,000	245.3	8,400	286.2	9,800	327.0	11,200
			3.750	24.60	1,075	107.7	3,690	143.7	4,920	179.6	6,150	215.5	7,380	251.4	8,610	287.3	9,840
			3.500	21.40	1,235	93.7	3,210	125.0	4,280	156.2	5,350	187.5	6,420	218.7	7,490	250.0	8,560
			3.250	18.47	1,430	80.9	2,771	107.9	3,694	134.9	4,620	161.9	5,544	188.9	6,468	215.8	7,392
			3.000	15.74	1,680	68.9	2,361	92.0	3,148	115.0	3,938	138.0	4,725	161.0	5,513	184.0	6,300
			2.750	13.21	2,000	57.9	1,982	77.1	2,640	96.4	3,300	115.6	3,960	134.9	4,620	154.2	5,280
A-200T-M	4" ANSI 150 FF	2" API 5,000 RJ	2.750	13.21	2,000	57.9	1,982	77.1	2,640	96.4	3,300	115.6	3,960	134.9	4,620	154.2	5,280
			2.625	12.05	2,195	52.8	1,808	70.2	2,409	87.8	3,012	105.4	3,614	122.9	4,217	140.5	4,819
			2.500	10.93	2,420	47.9	1,640	63.8	2,184	79.7	2,730	95.7	3,279	111.6	3,822	127.5	4,368
			2.375	9.90	2,680	43.4	1,485	57.8	1,980	72.3	2,475	86.7	2,970	101.2	3,465	115.6	3,960
			2.250	8.85	2,985	38.8	1,328	51.7	1,770	64.6	2,213	77.5	2,655	90.4	3,098	103.4	3,540
			2.125	7.90	3,350	34.6	1,185	46.1	1,580	57.7	1,975	69.2	2,370	80.7	2,765	92.3	3,160
			2.000	7.00	3,780	30.7	1,050	40.9	1,400	51.1	1,750	61.3	2,100	71.5	2,450	81.8	2,800
A-200T-H	3" API 2,000 RJ	2" ANSI 2,500 RJ	2.000	7.00	3,780	30.7	1,050	40.9	1,400	51.1	1,750	61.3	2,100	71.5	2,450	81.8	2,800
			1.875	6.15	4,300	26.9	923	36.0	1,233	44.8	1,534	53.9	1,846	62.8	2,151	71.8	2,459
			1.750	5.35	4,935	23.4	803	31.2	1,068	39.0	1,336	46.9	1,606	54.7	1,873	62.5	2,140
			1.625	4.62	5,000	20.2	693	27.0	925	33.8	1,158	40.5	1,387	47.2	1,616	54.0	1,849
			1.500	3.93	5,000	17.2	590	23.0	788	28.8	986	34.4	1,178	40.2	1,377	46.0	1,575

BPD = GPM / 0.0292 BHP = (GPM x PSI) / 1543 = (BPD x PSI) / 53902

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A-250T Triplex Plunger Pump

MAX DISCHARGE PRESSURE (PSI)

- (H) Fluid End: 5,000
- (M) Fluid End: 3,270
- (L) Fluid End: 1,620

CRANKSHAFT EXTENSIONS

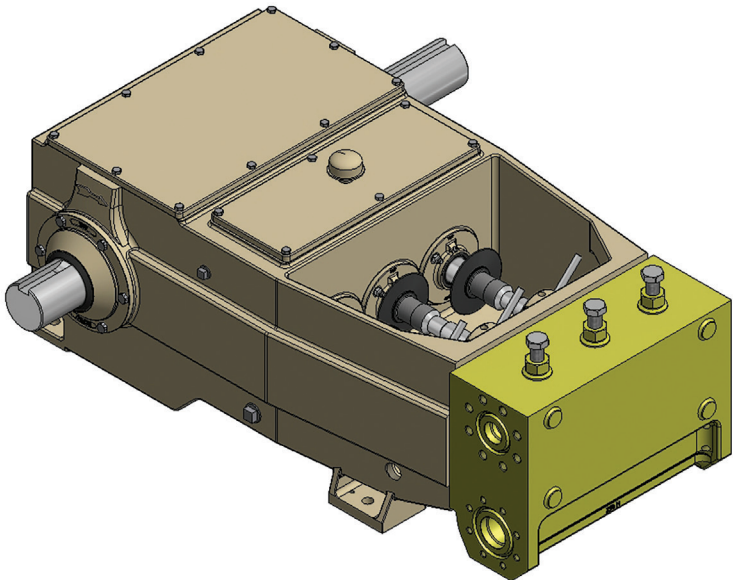
- Diameter: 4-7/8"
- Length (long side): 11-3/8"
- Length (short side): 5-5/8"
- Keyway: 1-1/4" W x 5/8" D

OIL CAPACITY

- Crankcase: 6.5 gallons
- Gear Reducer: 3.5 to 6.5 gallons

ACCESSORY GEAR REDUCTION UNIT RATIOS

- 2.27:1, 2.89:1, 3.25:1, 4.38:1, 4.84:1, 5.46:1
- Weight: 1,100 lbs



SPECIFICATIONS		
Stroke Length	5 in	127 mm
Rated Power at 450 RPM	250 hp	190 kw
Rated Plunger Load	14,500 lbs	6,700 kg
Weight	4,490 lbs	2,040 kg

Note: Minimum pump speed 100 RPM, without low speed powered lubrication system.

OPTIONS

- Bolt on gear reducers
- Pulsation dampeners, relief valves, or packing lubricator
- Packaged systems
- Low speed power end lubrication system

A-250T Triplex Plunger Pump Technical Data

A-250T TECHNICAL DATA																	
	Connections		Pigr. Dia. (in)	BPD per RPM	Max Press (psi)	150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM	
	Suction	Discharge				GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
A-250-T-L	6" ANSI 150 FF	3" API 2,000 RJ	4.500	35.39	910	155.0	5,309	206.7	7,078	258.3	8,848	310.0	10,617	361.7	12,387	413.4	14,156
			4.375	33.47	965	146.4	5,020	195.2	6,694	244.0	8,367	292.9	10,041	341.7	11,114	390.5	13,387
			4.250	31.60	1,020	138.4	4,740	184.5	6,320	230.7	7,900	276.8	9,480	323.0	11,060	369.1	12,640
			4.125	29.75	1,085	130.1	4,463	173.6	5,951	216.9	7,438	260.3	8,926	303.7	10,414	347.1	11,901
			4.000	27.90	1,150	122.2	4,185	162.9	5,580	203.7	6,975	244.4	8,370	285.1	9,765	325.9	11,160
			3.875	26.26	1,230	114.8	3,938	153.2	5,251	191.4	6,564	229.7	7,877	268.0	9,140	306.3	10,502
			3.750	24.60	1,310	107.7	3,690	143.7	4,920	179.6	6,150	215.5	7,380	251.4	8,610	287.3	9,840
			3.625	22.98	1,405	100.5	3,447	134.0	4,595	167.5	5,744	201.1	6,893	234.6	8,042	268.1	9,191
			3.500	21.40	1,510	93.7	3,210	125.0	4,280	156.2	5,350	187.5	6,420	218.7	7,490	250.0	8,560
			3.375	19.92	1,620	87.1	2,988	116.2	3,983	145.2	4,979	174.3	5,975	203.3	6,971	232.4	7,967
A-250T-M	4" ANSI 150 FF	2" API 5,000 RJ	3.250	18.50	1,750	81.0	2,775	108.0	3,700	135.1	4,625	162.1	5,550	189.1	6,475	216.1	7,400
			3.125	17.08	1,890	74.7	2,561	99.6	3,415	124.5	4,264	149.4	5,123	174.3	5,977	199.2	6,380
			3.000	15.70	2,050	68.8	2,355	91.7	3,140	114.6	3,952	137.5	4,710	160.5	5,495	183.4	6,280
			2.875	14.45	2,230	63.2	2,168	84.3	2,891	105.4	3,613	126.5	4,336	147.5	5,059	168.2	5,781
			2.750	13.20	2,440	57.8	1,980	77.1	2,640	96.4	3,300	115.6	3,960	134.9	4,620	154.2	5,280
			2.625	12.05	2,680	52.7	1,807	70.3	2,410	87.9	3,012	126.5	3,615	123.0	4,217	140.6	4,819
			2.500	10.90	2,950	47.7	1,635	63.7	2,180	79.6	2,725	95.5	3,270	111.4	3,815	127.3	4,360
			2.375	9.86	3,270	43.1	1,479	51.5	1,973	71.9	2,466	105.4	2,959	100.7	3,452	115.1	3,945
A-250T-H	3" API 2,000 RJ	2" ANSI 2,500 RJ	2.250	8.90	3,650	39.0	1,780	52.0	1,780	65.0	2,225	78.0	2,670	91.0	3,115	104.0	3,560
			2.125	7.90	4,090	34.6	1,580	46.1	1,580	57.7	1,975	69.2	2,370	80.7	2,765	92.3	3,160
			2.000	7.00	4,615	30.7	1,400	40.9	1,400	51.1	1,750	61.3	2,100	71.5	2,450	81.8	2,800
			1.875	6.15	5,000	26.9	1,230	35.9	1,230	44.9	1,538	53.9	1,845	62.9	2,153	71.8	2,460

BPD = GPM / 0.0292 BHP = (GPM x PSI) / 1543 = (BPD x PSI) / 53902

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Quintuplex Pumps

A-300Q Quintuplex Plunger Pump

MAX DISCHARGE PRESSURE (PSI)

- (H) Fluid End: 5,000
- (M) Fluid End: 3,400
- (L) Fluid End: 1,650

CRANKSHAFT EXTENSIONS

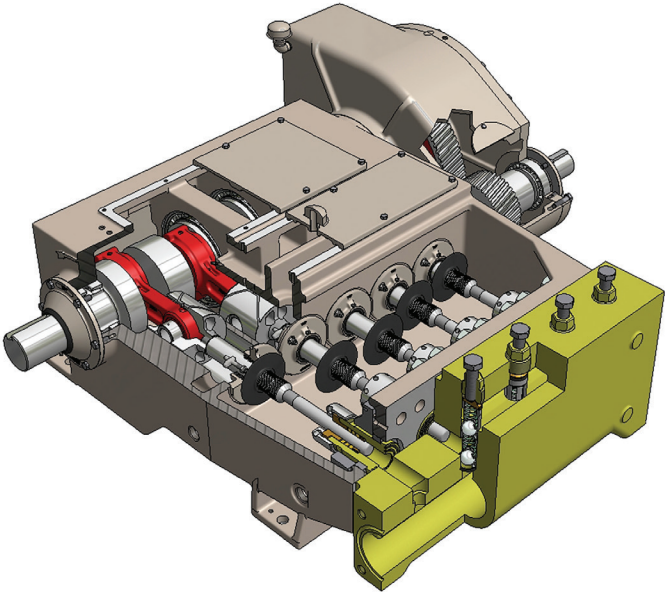
- Diameter: 4-7/8"
- Length (long side): 11-3/8"
- Length (short side): 5-5/8"
- Keyway: 1-1/4" W x 5/8" D

OIL CAPACITY

- Crankcase: 12 gallons
- Gear Reducer: 3.5 to 6.5 gallons

ACCESSORY GEAR REDUCTION UNIT RATIOS

- 2.27:1, 2.89:1, 3.25:1, 4.38:1, 4.84:1, 5.46:1
- Weight: 1,100 lbs



SPECIFICATIONS		
Stroke Length	5 in	127 mm
Rated Power at 400 RPM	300 hp	225 kw
Rated Plunger Load	10,720 lbs	4,870 kg
Weight	7,000 lbs	3,181 kg

Note: Minimum pump speed 100 RPM without low speed powered lubrication system.

OPTIONS

- Bolt on gear reducers
- Pulsation dampeners, relief valves, or packing lubricator
- Packaged systems
- Low speed power end lubrication system

A-300Q Quintuplex Plunger Pump Technical Data

A-300Q TECHNICAL DATA																	
	Connections		Pigr. Dia. (in)	BPD per RPM	Max Press (psi)	150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM	
	Suction	Discharge				GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
A-300Q-L	8" ANSI 150 FF	4" API 2,000 RJ	4.000	46.63	850	204.0	6,994	272.3	9,326	340.4	11,658	408.5	13,989	476.6	16,321	544.6	18,652
			3.750	40.99	970	179.3	6,147	239.4	8,198	299.2	10,248	359.1	12,297	418.9	14,347	478.8	16,396
			3.500	35.70	1,110	156.1	5,355	208.5	7,140	260.6	8,925	312.7	10,710	364.9	12,495	417.0	14,280
			3.250	30.78	1,290	134.6	4,617	179.8	6,156	224.7	7,695	269.6	9,234	314.6	10,773	359.5	12,312
			3.000	26.23	1,515	114.7	3,934	153.2	5,246	191.5	6,558	229.8	7,869	268.1	9,181	306.4	10,492
			2.750	22.04	1,650	96.4	3,306	128.7	4,408	160.9	5,510	193.1	6,612	225.2	7,714	257.4	8,816
A-300Q-M	6" NSD 600 RJ	3" NSD 5,000 RJ	2.750	22.04	1,800	96.4	3,306	128.7	4,408	160.9	5,510	193.1	6,612	225.2	7,714	257.4	8,816
			2.625	20.00	1,980	87.8	3,012	117.1	4,016	146.4	5,020	175.7	6,024	205.0	7,028	234.3	8,032
			2.500	18.20	2,180	79.6	2,732	106.3	3,640	132.9	4,550	159.4	5,460	186.0	6,370	212.6	7,280
			2.375	16.44	2,415	71.9	2,466	96.0	3,228	120.0	4,110	144.0	4,932	168.0	5,754	192.0	6,576
			2.250	14.75	2,690	64.5	2,213	86.1	2,950	107.7	3,688	129.2	4,425	150.7	5,163	172.3	5,900
			2.125	13.16	3,000	57.5	1,974	76.9	2,632	96.1	3,290	115.3	3,948	134.5	4,606	153.7	5,264
			2.000	11.66	3,400	51.0	1,749	68.1	2,332	85.1	2,915	102.1	3,498	119.2	4,081	136.2	4,664
A-300Q-H	6" NSD 600 RJ	2" ANSI 2,500 RJ	2.000	11.66	3,400	51.0	1,749	68.1	2,332	85.1	2,915	102.1	3,498	119.2	4,081	136.2	4,664
			1.875	10.25	3,875	44.8	1,537	59.9	2,050	74.8	2,563	89.8	3,075	104.8	3,588	119.7	4,100
			1.750	8.93	4,450	39.0	1,339	52.2	1,786	65.2	2,233	78.2	2,679	91.3	3,126	104.3	3,572
			1.625	7.70	5,000	33.6	1,154	45.0	1,540	56.2	1,925	67.5	2,310	78.7	2,695	89.9	3,080
			1.500	6.56	5,000	28.6	984	38.3	1,312	47.9	1,640	57.5	1,968	67.0	2,296	76.6	2,624

BPD = GPM / 0.0292 BHP = (GPM x PSI) / 1543 = (BPD x PSI) / 53902

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A-400Q Quintuplex Plunger Pump

MAX DISCHARGE PRESSURE (PSI)

- (H) Fluid End: 5,000
- (M) Fluid End: 3,270
- (L) Fluid End: 1,620

CRANKSHAFT EXTENSIONS

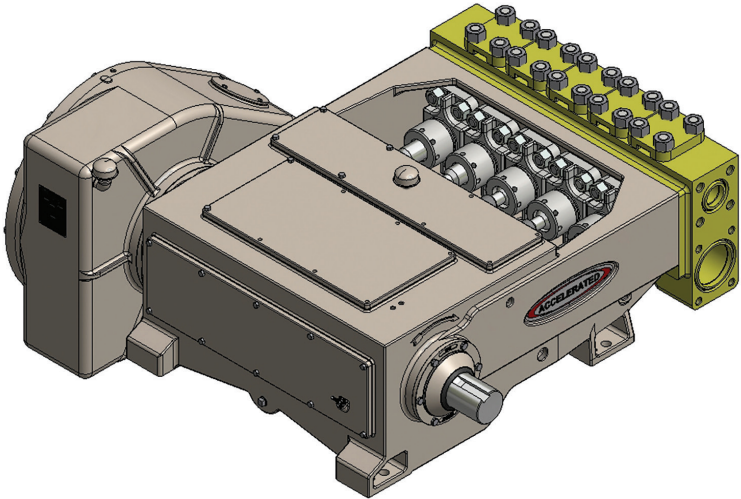
- Diameter: 4-7/8"
- Length (long side): 11-3/8"
- Length (short side): 5-5/8"
- Keyway: 1-1/4" W x 5/8" D

OIL CAPACITY

- Crankcase: 12 gallons
- Gear Reducer: 3.5 to 6.5 gallons

ACCESSORY GEAR REDUCTION UNIT RATIOS

- 2.27:1, 2.89:1, 3.25:1, 4.38:1, 4.84:1, 5.46:1
- Weight: 1,100 lbs



SPECIFICATIONS		
Stroke Length	5 in	127 mm
Rated Power at 400 RPM	405 hp	302 kw
Rated Plunger Load	14,500 lbs	6,577 kg
Weight	7,000 lbs	3,500 kg

OPTIONS

- Bolt on gear reducers
- Pulsation dampeners, relief valves, or packing lubricator
- Packaged systems
- Low speed power end lubrication system

A-400Q Quintuplex Plunger Pump Technical Data

A-400Q TECHNICAL DATA																	
	Connections		Pigr. Dia. (in)	BPD per RPM	Max Press (psi)	150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM	
	Suction	Discharge				GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
A-400Q-L	8" ANSI 150 FF	4" API 2,000 RJ	4.500	59.01	910	258.1	8,852	344.2	11,802	430.4	14,753	516.3	17,704	602.4	20,654	688.5	23,605
			4.375	55.78	965	244.0	8,367	325.4	11,156	406.7	13,945	488.1	16,734	569.4	19,523	650.8	22,312
			4.250	52.64	1,020	230.2	7,895	307.0	10,527	383.8	13,159	460.5	15,791	537.3	18,423	614.1	21,055
			4.125	49.59	1,085	216.9	7,438	289.3	9,918	361.6	12,397	433.9	14,876	506.2	17,356	578.5	19,835
			4.000	46.63	1,150	203.9	6,994	271.9	9,325	339.9	11,657	407.9	13,988	475.9	16,319	543.9	18,657
			3.875	43.76	1,230	191.4	6,564	255.3	8,752	319.1	10,940	382.9	13,128	446.7	15,316	510.5	17,504
			3.750	40.98	1,310	179.2	6,147	239.0	8,196	298.8	10,245	358.5	12,294	418.3	14,343	478.1	16,392
			3.625	38.30	1,405	167.5	5,744	223.4	7,659	279.2	9,574	335.1	11,489	390.9	13,403	446.8	15,318
			3.500	35.70	1,510	156.1	5,355	208.2	7,140	260.3	8,925	312.3	10,710	364.4	12,495	416.4	14,280
			3.375	33.20	1,620	145.2	4,979	193.6	6,639	242.1	8,299	290.5	9,959	338.9	11,618	387.3	13,278
A-400Q-M	6" NSD 600 RJ	3" NSD 5,000 RJ	3.250	30.78	1,750	134.6	4,617	179.5	6,156	224.4	7,695	269.3	9,234	314.2	10,773	359.1	12,312
			3.125	28.46	1,890	124.5	4,269	166.0	5,692	207.5	7,115	249.0	8,538	290.5	9,961	332.0	11,384
			3.000	26.23	2,050	114.7	3,934	152.9	5,245	191.2	6,557	229.4	7,868	267.7	9,180	305.9	10,491
			2.875	24.09	2,230	105.3	3,613	140.5	4,818	175.6	6,022	210.8	7,226	245.9	8,431	281.0	9,635
			2.750	22.04	2,440	96.4	3,305	128.5	4,407	160.7	5,509	192.8	6,611	224.9	7,713	257.1	8,815
			2.625	20.08	2,680	87.8	3,012	117.1	4,016	146.4	5,020	175.7	6,024	205.0	7,028	234.3	8,032
			2.500	18.21	2,950	79.6	2,732	106.2	3,642	132.8	4,553	159.3	5,464	185.9	6,375	212.4	7,285
			2.375	16.44	3,270	71.9	2,466	95.9	3,288	119.9	4,110	143.8	4,932	167.8	5,753	191.8	6,575
A-400Q-H	6" NSD 600 RJ	2" ANSI 2,500 RJ	2.250	14.75	3,650	64.5	2,213	86.0	2,950	107.5	3,688	129.0	4,426	150.6	5,163	172.1	5,901
			2.125	13.16	4,090	57.5	1,974	76.7	2,632	95.9	3,289	115.1	3,947	134.3	4,605	153.5	5,263
			2.000	11.66	4,615	50.9	1,748	67.9	2,331	84.9	2,914	101.9	3,497	118.9	4,080	135.9	4,660
			1.875	10.25	5,000	44.8	1,536	59.7	2,049	74.7	2,561	89.6	3,073	104.5	3,585	119.5	4,098

BPD = GPM / 0.0292 BHP = (GPM x PSI) / 1543 = (BPD x PSI) / 53902

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