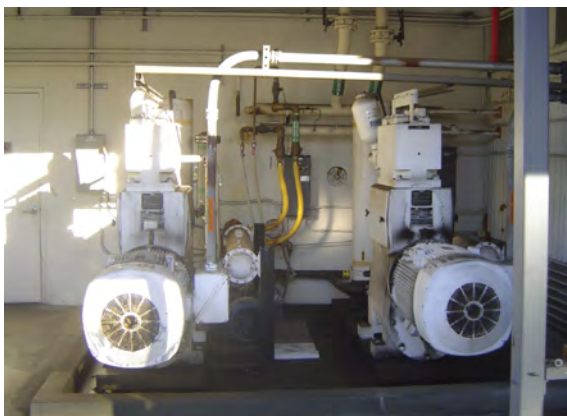


200 HP for pressures up to 30,000 psi

PLUNGER DIAMETER INCHES	DISPLACEMENT GPM per 100 RPM	INTEGRAL GEAR RATIO, 60 HZ, 1800 RPM INPUT			
		4.850		3.958	
		DISPLACEMENT @ 371 RPM	MAXIMUM PRESSURE	DISPLACEMENT @ 455 RPM	MAXIMUM PRESSURE
STANDARD PUMP (5,000 PSI)					
1-1/2"	11.50	42.60	5,000	52.30	5,000
1-5/8"	13.50	50.00	5,000	61.40	5,000
1-3/4"	15.60	57.90	5,000	71.00	4,350
1-7/8"	17.90	66.50	4,400	81.50	3,800
2"	20.40	75.70	3,900	92.80	3,320
2-1/8"	23.00	85.50	3,400	105.00	2,940
2-1/4"	25.80	95.80	3,100	117.00	2,640
2-3/8"	28.80	107.00	2,800	131.00	2,360
HIGH PRESSURE PUMP (10,000 PSI)					
1-1/8"	6.45	23.90	10,000		
1-1/4"	7.95	29.50	10,000		
1-3/8"	9.65	35.70	8,300		
VERY HIGH PRESSURE PUMP (30,000 PSI)					
5/8"	1.99	7.38	30,000		
3/4"	2.89	10.70	28,000		
7/8"	3.92	14.50	20,000		
1"	5.10	18.90	15,700		

Displacements are based on 100% volumetric efficiency
Stroke 5 inches



Fluid End Designs



CRYOGENIC

Liquid Nitrogen, Liquid Ethylene, Liquid Hydrogen, Liquid Carbon Dioxide

The plunger and liner assembly has a series of sealing elements including Teflon rings with stainless steel contracting rings. A jacketed stainless steel cylinder block allows immersion of the fluid end into the pumped fluid. The stainless valving is spring-loaded, disc-type and seats have tapered inserts. Applicable for most cryogenic fluids up to 6,000 psi. For higher pressures the design is similar to the 30,000 PSI version.

30,000 PSI

Oils, Water with Oil, Light Hydrocarbons, Water (to 15,000 psi)

Designed specifically for high pressure applications, the 30,000 PSI fluid end design features three stainless steel, disc-type valve cylinders – arranged in tandem – with external inlet and discharge manifolds. To eliminate potential stress problems, all parts of the stainless steel valve cylinder are circular and free from intersecting holes. Standard on all fluid ends, the plunger and liner assemblies are flange retained and interchangeable.

STANDARD

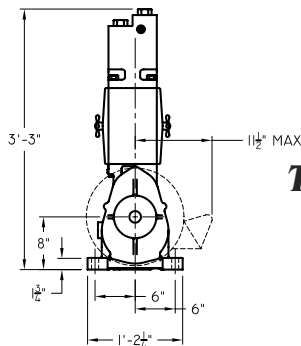
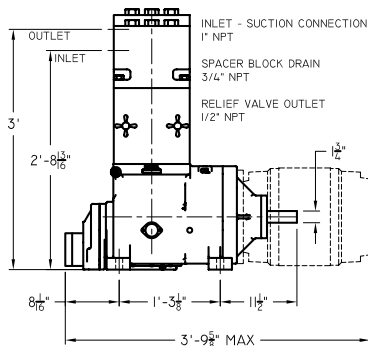
Oil, Water with Oil, Light Hydrocarbons, High Temperatures

A dynamic seal is provided by close clearance in this metal-to-metal plunger and liner design. For most applications up to 10,000 psi, the Standard design features spring loaded ball-type valving and tapered insert seats. The cylinder block is carbon steel forged. For fluids near ambient temperature, an “O” ring near the bottom of fit acts as a secondary seal.

WATER

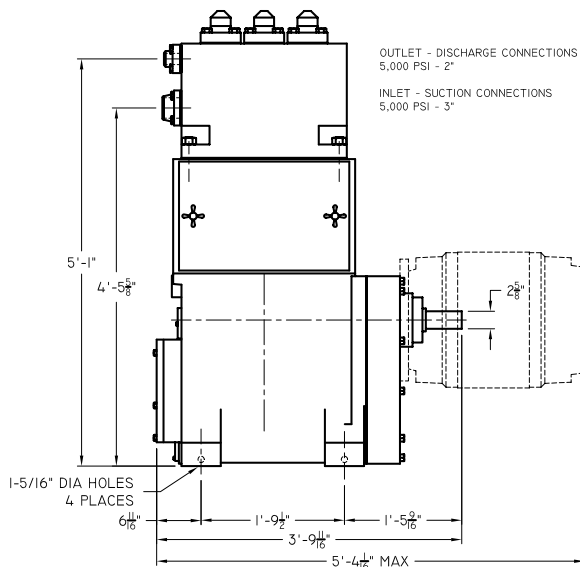
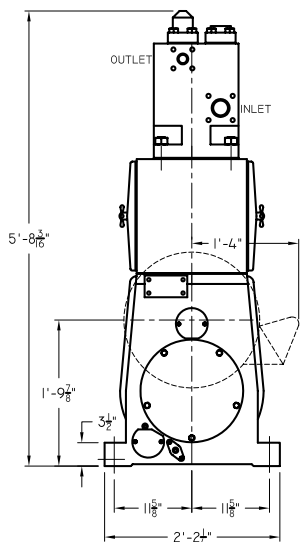
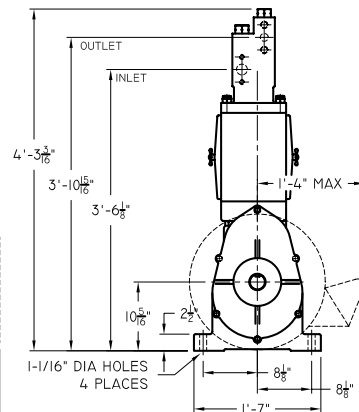
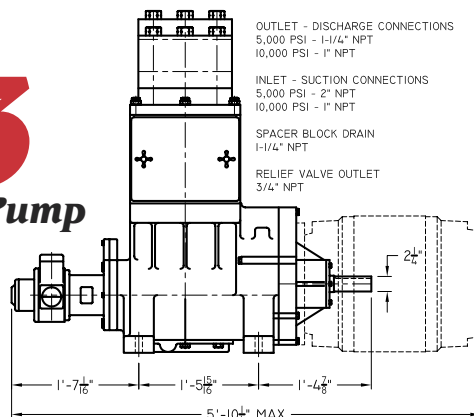
Potable Water, Brackish Water, Semi-Corrosive Fluids, Process Fluids

Plunger and liner assemblies are self-adjusting for packing wear, and also easily installed and removed such that re-packing may be done on a bench. Designed for uses up to 5,000 psi, the stainless steel valving is spring loaded disc-type and seats are tapered inserts. The cylinder block is carbon steel for most applications. For higher pressures the design is similar to the 30,000 PSI version.



Size 2 Triplex Pump

Size 3 Triplex Pump



Size 4 Triplex Pump



OILWELL HYDRAULICS, INC.

Oilwell Hydraulics, Inc.... Worldwide sales and service
There is an OHI representative near you.

Main Office

Printed in USA

Oilwell Hydraulics, Inc.
1101 West 2nd Street
Odessa, Texas 79763

You may contact us at our website:
www.oilwellhydraulics.com

© Copyright 1-2010, Oilwell Hydraulics, Inc.

Telephone: 432-334-8580

FAX: 432-334-8586

E-Mail: TEKelly@oilwellhyd.com

Regional Offices

Citronelle, Alabama
251-866-7099

Bakersfield, California
661-322-7114

Santa Fe Springs, California
562-777-41534

Laurel, Mississippi
601-425-1577