

▼ Shown from left to right: 11-100, P2282



Ultra-High Pressure up to 40,000 psi



2-Way Shut-Off Valve
Model Number 72-750

For 40,000 psi applications requiring a shut-off valve or gauge snubber. Made of 316 Stainless Steel and utilizing .38 inch cone fittings, it is the perfect selection for use with your ultra-high pressure hand pump.

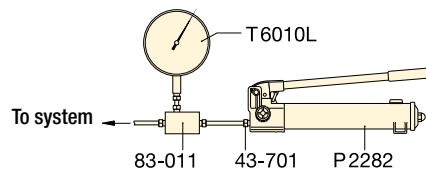


Test System Gauges

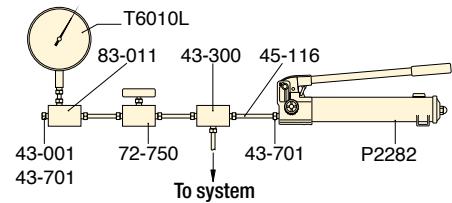
Ideal for monitoring pressure in your hydraulic circuit. Test System Gauges, such as the T6010L, are available with cone threads or

NPTF threads and a variety of pressure ranges.

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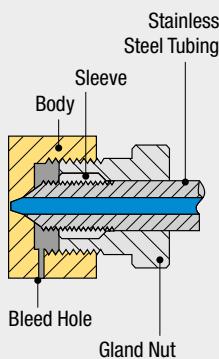
▲ Typical Test System



▲ Test System with Gauge and Snubber

Cone Seal

Stainless Steel High Pressure fittings seal on a 'cone' surface and do not require pipe sealer. The Gland Nut holds the sleeve and tubing tight against the cone surface to provide a 40,000 psi seal.



Pump Type	Usable Oil Capacity (in³)	Model Number	Pressure Rating * (psi)		Oil Displacement per Stroke (in³)		Max. Handle Effort (lbs)
			1 st stage	2 nd stage	1 st stage	2 nd stage	
Two-Speed	60	P2282	200	40,000	0.99	0.037	106
Single-Speed	45	11-100	-	10,000	-	0.152	120
	45	11-400	-	40,000	-	0.038	120

* Contact Enerpac for applications where operating pressure is less than 10% of operating pressure.

Ultra-High Pressure Hand Pumps

▼ Optional Ultra-High Pressure Fittings and Tubings

Description	Connection	Model No.
		40,000 psi
Gland Nut Plug	.38" cone	43-001
Elbow	.38" cone	43-200
Tee	.38" cone	43-300
Gauge Tee	.38" cone side/.25" cone gauge port	43-301
Gauge Adaptor	.38" cone side/.25" cone gauge port	83-011
Coupling	.38" cone	43-400
Cross	.38" cone	43-600
Gland Nut with Sleeve	.38" cone	43-701
Gauge Connector	.25" cone	43-704
Tubing	4 inch tube, O.D. .38" * 8 inch tube, O.D. .38" * 12 inch tube, O.D. .38" *	45-116 45-126 45-136
WARNING: Maximum working pressure: 10,000 psi only		
Adaptor	.38" F cone to 1/4" M NPTF	41-146
	.38" F cone to 3/8" M NPTF	41-166
Adaptor	.38" F cone to 1/4" F NPTF	41-246
	.38" F cone to 3/8" F NPTF	41-266
Adaptor	.38" M cone to 3/8" F NPTF	41-366

Note: .25" cone fittings use 1/16"-18 threads, 3/8" cone fittings use 3/4"-16 threads.

* Actual tubing lengths are 0.75 inch less than nominal size shown. These dimensions make distance between centers of valves and fittings multiples of 4 inches spaces.

**P,
11
Series**



Reservoir Capacity:

45 - 60 in³

Flow at Rated Pressure:

0.037 - 0.152 in³/stroke

Maximum Operating Pressure:

10,000 - 40,000 psi

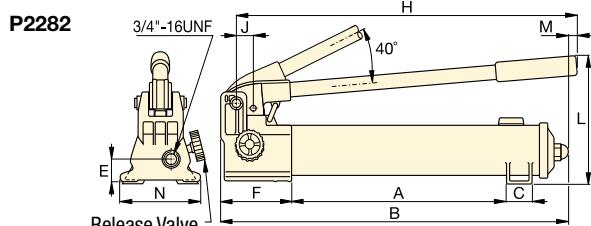
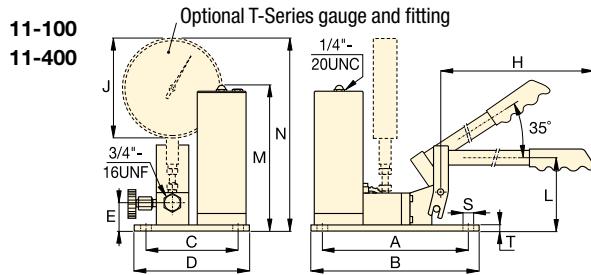


Ultra-High Pressure pumps
DO NOT have an internal safety
pressure relief valve.



Stainless Steel Construction

Ultra-High Pressure Fittings feature all stainless steel construction except adaptor 41-366, which features nickel plated carbon steel construction.



Piston Stroke	Dimensions (in)														Model Number
	(in)	A	B	C	D	E	F	H	J	L	M	N	S	T	(lbs)
1.00	13.56	22.00	1.40	—	1.24	5.25	20.75	1.16	9.00	0.28	4.74	—	—	14	P2282
0.78	9.45	10.50	5.98	7.00	1.77	—	25.00	6.41	4.50	9.33	12.38	0.31	0.37	22	11-100
0.78	9.45	10.50	5.98	7.00	1.77	—	25.00	6.41	4.50	9.33	12.38	0.31	0.37	22	11-400