

ATDP - AIR DRIVEN TWIN DOUBLE ACTING HYDROTEST PUMPS



ATDP125

Output pressures up to 1489 Bar

Suitable for use with various fluids

Twin double acting design offering high volume flow

The Hi-Force ATDP series of twin double acting air driven hydrostatic pressure testing pumps offer a choice of 3 models with output pressure capacities ranging from 87 Bar (1260 PSI) to 1489 Bar (21600 PSI). The twin double acting design offers a much higher displacement volume per stroke than the smaller AHP & AHP2 series, making it ideal for prefill as well as pressure testing. All models are supplied with a 150mm diameter glycerine filled vibra-gauge (calibrated on request), inlet airline filter, lubricator and regulator unit, pump start/stop valve and fluid strainer. Viton and ethylene propylene seals for handling special fluids or chemicals can be factory fitted prior to delivery if required. Other seal materials are available on request.

- >> Air consumption 212 scfm (6m³ /minute)
- >> Suitable for use with various fluids including water
- >> 150mm dual scale glycerine filled gauge
- >> Infinitely variable output pressure and flow
- >> Fitted with inlet air filter, regulator & lubricator
- >> Optional extras include stainless steel frame work, pneumatic or LCD stroke counter system, onboard chart recorder, pressure isolation valve and wheel mounting

Model number	Max. output pressure (Bar) at airline input pressure			Fluid volume displacement per stroke [cm ³]	Outlet port thread	Weight kg
	20 PSI 1.38 Bar	60 PSI 4.14 Bar	100 PSI 6.9 Bar			
ATDP63	87	260	434	275	½" NPT	96
ATDP125	172	517	862	140	½" NPT	96
ATDP216	298	894	1489	79	1½"-12UNF	96

Dimensions in mm		
Length	Width	Height
765	570	700
765	570	700
765	570	700

Hydraulic pressure PSI	Bar	Approximate rate of discharge (litres/min) at air input pressure 100 PSI (7 Bar)		
		ATDP63	ATDP125	ATDP216
0	0	32.2	16.9	9.5
1000	69	25.7	14.0	8.8
2000	138	20.5	12.3	8.0
3000	207	16.2	10.6	7.4
4000	276	12.5	9.4	6.9
5000	345	8.0	8.3	6.4
6000	414	2.8	7.3	6.1
8000	552	*	4.8	5.5
10000	690	*	3.0	4.9
12000	828	*	0.4	4.3
16000	1103	*	*	3.2
20000	1379	*	*	1.6

* Pressure exceeds pump capacity