

AHP2 - AIR DRIVEN HYDROTEST PUMPS - MEDIUM FLOW



Output pressures up to 1634 Bar

Suitable for use with various fluids

150mm dual scale vibra pressure gauge

- >> Air consumption 56 scfm (1.59m³/minute)
- >> Infinitely variable output pressure and flow
- >> 7 litre reservoir capacity

The Hi-Force AHP2 series of air driven hydrostatic pressure testing pumps offer a choice of 5 models with output pressure capacities ranging from 17 Bar (246 PSI) to 1634 Bar (23700 PSI). All models are compact design and suitable for use with various fluids including water and are supplied with a 150mm diameter glycerine filled hydraulic pressure gauge (calibrated on request), inlet airline filter, lubricator and pressure regulator unit, lightweight fluid reservoir, pump start/stop valve and a robust stainless steel skid mounted framework. Optional extras include stainless steel reservoir, stroke counter system and pressure isolation valve.

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Model number	Max. output pressure (Bar) at airline input pressure			Fluid volume displacement per stroke (cm ³)	Outlet port thread	Weight kg
	10 PSI 0.69 Bar	50 PSI 3.45 Bar	100 PSI 6.9 Bar			
AHP2-036	17.2	124.1	248.2	40.8	½" NPT	24
AHP2-060	31.0	199.9	413.7	24.6	½" NPT	24
AHP2-097	51.7	327.5	668.8	15.2	½" NPT	24
AHP2-144	75.8	489.5	992.8	10.2	½" NPT	24
AHP2-237	131.0	799.8	1634.1	6.1	¾"-18UNF	24

Dimensions in mm		
Length	Width	Height
450	390	465
450	390	465
450	390	465
450	390	465
450	390	465

Hydraulic pressure PSI Bar	Approximate rate of discharge (litres/min) at air input pressure 100 PSI (7 Bar)				
	AHP2-036	AHP2-060	AHP2-097	AHP2-144	AHP2-237
0 0	10.20	6.20	3.90	2.70	1.57
500 35	8.60	5.50	3.55	2.50	1.52
1000 69	7.25	4.80	3.19	2.35	1.47
1500 104	6.15	4.50	3.00	2.16	1.42
2000 138	5.40	4.20	2.87	2.15	1.38
3000 207	3.05	3.50	2.55	1.88	1.29
4000 276	*	2.75	2.28	1.75	1.22
5000 345	*	2.16	2.10	1.64	1.20
7500 517	*	*	1.45	1.35	1.10
10000 690	*	*	*	1.15	0.98
15000 1034	*	*	*	*	0.78
20000 1379	*	*	*	*	0.51
23700 1634	*	*	*	*	0.34

* Pressure exceeds pump capacity