

AHP2-CR AIR DRIVEN HYDROTEST PUMPS - WITH CHART RECORDER



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
- >> Supplied with 50 recorder charts and one black chart pen, for additional charts and pens, please see page 128

The Hi-Force AHP2-CR 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 fitted with on board, 4 hour, single pen chart recorder as standard. 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. Recorder isolation valve and pressure release valve are fitted as standard. Optional extras include stainless steel reservoir, pressure isolation valve, stroke counter system, gauge calibration certificate and varying recorder clock speeds.

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			
AHP2-036CR	17.2	124.1	248.2	40.8	½" NPT	32
AHP2-060CR	31.0	199.9	413.7	24.6	½" NPT	32
AHP2-097CR	51.7	327.5	668.8	15.2	½" NPT	32
AHP2-144CR	75.8	489.5	992.8	10.2	½" NPT	32
AHP2-237CR	131.0	799.8	1634.1	6.1	¾"-18UNF	32

Dimensions in mm		
Length	Width	Height
555	390	465
555	390	465
555	390	465
555	390	465
555	390	465

Hydraulic pressure PSI	Bar	Approximate rate of discharge (litres/min) at air input pressure 100 PSI (7 Bar)				
		AHP2-036CR	AHP2-060CR	AHP2-097CR	AHP2-144CR	AHP2-237CR
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