

AHP-CR AIR DRIVEN HYDROTEST PUMPS - WITH CHART RECORDER



Output pressures up to 2931 Bar

Suitable for use with various fluids

150mm dual scale vibra pressure gauge

- >> Air consumption 28 scfm (0.79m³/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 AHP-CR series of air driven hydrostatic pressure testing pumps offer a choice of 8 models with output pressure capacities ranging from 6 Bar (87 PSI) to 2931 Bar (42500 PSI) all fitted with on board, 4 hour, single pen chart recorder as standard. All models are 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. All units are of compact design with a maximum weight of 31 kg.

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			
AHP10-CR	6	34	69	42.3	½" NPT	31
AHP26-CR	14	90	181	16.0	½" NPT	29
AHP36-CR	17	122	250	12.3	½" NPT	28
AHP58-CR	28	200	400	7.6	½" NPT	28
AHP107-CR	62	373	738	4.0	½" NPT	28
AHP187-CR	97	638	1293	2.2	9/16"-18UNF	28
AHP275-CR	155	931	1897	1.6	9/16"-18UNF	28
AHP425-CR	345	1448	2931	1.0	9/16"-18UNF	28

Dimensions in mm		
Length	Width	Height
530	390	390
530	390	390
530	390	390
530	390	390
530	390	390
530	390	390
530	390	390
530	390	390

Hydraulic pressure		Approximate rate of discharge (litres/min) at air input pressure 100 PSI (7 Bar)							
PSI	Bar	AHP10-CR	AHP26-CR	AHP36-CR	AHP58-CR	AHP107-CR	AHP187-CR	AHP275-CR	AHP425-CR
0	0	23.10	8.80	6.00	3.56	1.97	1.15	0.72	0.43
500	35	12.00	5.85	4.39	3.05	1.50	1.05	0.68	0.40
1000	69	*	4.72	3.80	2.51	1.28	1.00	0.65	0.38
1500	104	*	3.90	3.34	2.38	1.25	0.90	0.60	0.36
2000	138	*	3.00	3.00	2.25	1.21	0.78	0.55	0.34
2500	173	*	1.21	2.56	2.05	1.18	0.75	0.50	0.33
3000	207	*	*	1.95	1.85	1.16	0.73	0.48	0.31
4000	276	*	*	*	1.56	1.02	0.70	0.45	0.29
5000	345	*	*	*	1.02	0.95	0.67	0.42	0.26
7500	517	*	*	*	*	0.76	0.60	0.40	0.25
10000	690	*	*	*	*	0.44	0.52	0.37	0.24
15000	1034	*	*	*	*	*	0.39	0.33	0.21
20000	1379	*	*	*	*	*	*	0.30	0.20
25000	1724	*	*	*	*	*	*	0.21	0.16
30000	2069	*	*	*	*	*	*	*	0.13
40000	2760	*	*	*	*	*	*	*	0.05

* Pressure exceeds pump capacity