AIR DRIVEN PUMP FOR LIQUID

S series air driven liquid pumps are high pressure reciprocating plunger pumps of single acting, single air drive head model. They are compact and lightweight for simple installation in both static and portable applications. Air drive pressure from 1bar(14 .5 psi) to 8bar(116 psi) maximum. Operating pressure up to 1, 920 bar(27, 840 psi).

Key features
One model available in 9 ratios
Compatibility with a variety of liquids
No electricity required and explosion proof
Aluminum bodies and wetted materials of carbon steel or stainless steel
High quality seals, long service life available
Rustproof and beautiful generous in blue colors with oxidation treatment applying to the aluminum components
Easy to install in both static and portable applications. Reliable operation and maintenance
Wide range of pressure ratios meeting with different requirements
All S pumps come standard with side inlet

AH series of air driver liquid booster widely used in various industrial fields of equipment.Parts of the domestic to greatly reduce the cost of production,so the cost of repair is reduced.The series is the first choice for supporting the industrial products and all kinds of pressure test.

The driving piston diameter of this series is 160mm.
The inlet size of driving gas is G1/2".

Model	Booster Pressure Ratio	Liquid inlet and outlet size		L	W	H
		Inlet	Outlet			
AH	16:1 ~ 40:1	PT1/2"	PT1/2"	342mm	172mm	240mm
AH	64:1 ~ 130:1	PT3/8"	PT3/8"	342mm	172mm	240mm
AH	170:1 ~ 400:1	PT3/8"	PT3/8"	300mm	172mm	240mm

Model	Booster Pressure Ratio	Maximum Outlet Pressure (Bar)	Output hydraulic pressure (Bar) 1Mpa=10Bar≈10kg/cm²																		
			0	20	40	70	100	150	200	300	400	450	500	550	600	700	900	1200	1700	2350	2850
			Flow Capability L/Min																		
AH16	16:1	83	24.84	18.5	9.07	4.21	2.05	0													
AH20	20:1	166	16.22	13.9	12.6	10.9	8.63	0													
AH28	28:1	232.4	12.78	11.9	8.9	7.1	6.4	4.4	0												
AH40	40:1	332	10.71	9.37	8.03	6.53	5.22	4.98	4.12	0											
AH80	80:1	664	4.44	3.95	3.26	3. 13	2.82	2.62	2.32	2.13	1.63	1.43	1.23	1.04	0						
AH100	100: 1	830	3.93	3.47	3.01	2.73	2.65	2.51	2.37	2.01	1.75	1.62	1.51	1.37	1.25	0					
AH130	130:1	1079	2.48	2.44	2.41	2.36	2.31	2.18	2.04	1.90	1.68	1.60	1.53	1.49	1.45	1.31	0				
AH170	170:1	1411	1.82	1.80	1.78	1.76	10.73	1.71	1.66	1.61	1.46	1.40	1.35	1.2	0.97	0.85	0.79	0			
AH240	240:1	830	1.57	1.56	1.54	1.51	1.48	1.45	1.43	1.42	1.37	1.14	0.92	0.81	0.76	0.57	0.34	0.28	0		
AH300	300:1	1079	1.23	1.12	1.05	0.98	0.81	0.76	0.64	0.61	0.58	0.55	0.52	0.48	0.45	0.41	0.37	0.22	0.18	0	
AH400	300:1	1079	0.96	0.85	0.63	0.58	0.52	0.41	0.3	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.21	0.18	0.1	0.05	0

Remark: The maxmium air driven pressure is 8.3Bar. In order to ensure the pump life, the recommendated air driven pressure is 7Bar or below.

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