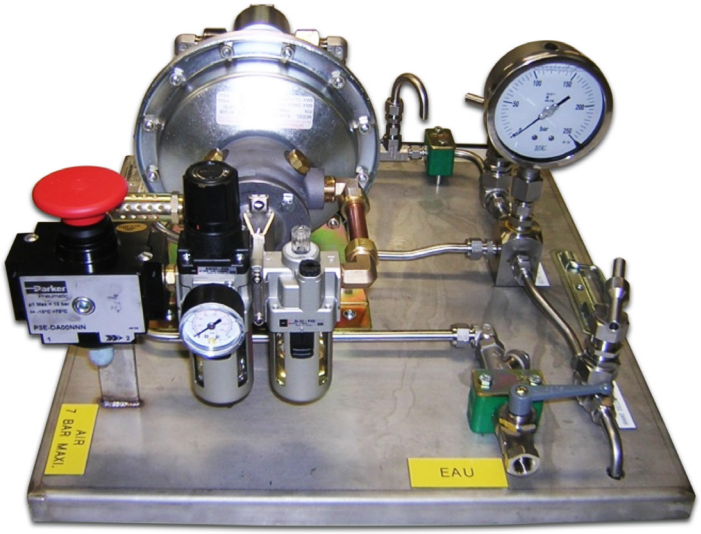
SP2300 HYDROPNEUMATIC PUMP WITH SEPARATE BODY



Technical data

- Dimensions : L 520 x W. 510 mm x H 300 mm
- Approx. weight : 24 kg
- 10 ratios
- Max. pressure: 2300 bar

Principle

The design of the SP2300 version S216JS with separate body dissociates the working fluid section from the pump: it is specifically designed to convey non contaminated or food grade fluids.

Other model : the SP2300 S216 JSN is designed for use in laboratories and cleanrooms. Unlike the S216JS model, the JSN version consumes clean and dry air. The working fluid section is equipped with self-lubricating joints.

These pumps can transform a low pressure demineralized water in high pressure fluid through a working fluid (current exemple: breweries). Simply adjusting the air regulator progressively provides the desired pressure. When it is reached, the pump stops and the pressure is maintained in the high pressure circuit without any energy consumption. Petrometalic offers this pump mounted on a deck, equipped with both a working fluid line and a pressurized fluid line, ready for use.

Bare pump - technical data

Ratio	Outlet pressure bar	Fitting NPT	Displaced volume by cycle in cm³	Outlet fluid pressure in bar															
				0	17	35	48	70	105	140	175	210	280	350	525	700	1050	1400	2100
				Performance - Approx. flow in l/min															
10/1	70	3/8	53	7,94	9,17	7,92	5,30												
18/1	126	3/8	28,5	8	7,20	6,6	6	5,3	3,5										
30/1	210	3/8	17	5,5	4,7	4,4	4,20	3,9	3,4	2,5	2	0,7							
45/1	315	3/8	11,5	4,85	3,89	3,67	3,49	3,27	3,02	2,67	2,31	1,99	1,13						
60/1	420	3/8	8,5	3,5	3,1	3	2,9	2,8	2,5	2,3	2	1,8	1,4	1					
88/1	616	3/8	6	2,8	2,3	2,2	2,1	2,1	1,9	1,8	1,7	1,6	1,5	1,2	0,9				
125/1	862	1/4	4,5	2,1	1,7	1,6	1,5	1,5	1,4	1,3	1,2	1,1	1	0,9	0,7	0,6			
160/1	1120	1/4	3	1,3	1,3	1,2	1,2	1,2	1,1	1,1	1	1	0,9	0,9	0,7	0,6	0,3		
237/1	1660	1/4	2	0,86	0,85	0,81	0,80	0,78	0,77	0,75	0,73	0,70	0,67	0,62	0,55	0,49	0,32	0,14	
335/1	2345	1/4	1,5	0,60	0,58	0,57	0,55	0,54	0,54	0,52	0,50	0,49	0,49	0,47	0,42	0,37	0,29	0,22	0,09