



Smart Reservoir

Variable Volume Reservoir

VVR400

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VVR400-BV-LSM8-AC



Features;

- Isolation ball valve (SAE-16)
- Air bleed valve & sight glass assembly
- Low level detection switch (5% level) with M8 x 2m cable
- SAE-16 auxiliary port on bottom housing
- SAE-12 auxiliary port on top cover
- Mounting clamps

Options;

- Adjustable low level switch (20-25% level) with M12 x 2m cable
- Overboard relief valve (set at 10 PSI)
- 125W /120Vac heater pad for operating temperature below -20°C / 4°F

VVR 400 standard

Pressure graph and general specifications

Stroke distance (in)	Pressure (PSI)	Pressure (bar)	% compression (12")	Specifications
0	0	0	0	Displacement @ 5,5" /7,5 PSI 6,6 liters 400 in ³ 1,7 US gal. Fill volume (Housing volume) 1,2 liters 73 in ³ 0,32 US gal. Weight empty 11 Kg 24 lb Weight full 17,6Kg 38,8lb Height empty 45,7cm 18" Height full 58,4cm 23" Max diameter Ø 33 cm Ø 13" Operating temperature -20°C to 107°C -4°F to 225°F
1	0,5	0,4	0,03	
2	1	0,75	0,05	
3	1,5	1,1	0,08	
4	2	1,5	0,1	
5	2,5	2	0,14	
6	3	2,6	0,18	
7	3,5	3,2	0,22	
8	4	3,8	0,26	
9	4,5	4,7	0,32	
10	5	5,8	0,4	
11	5,5	7,5	0,52	
12	6	9	0,62	
13				
14				
15				
16				

NOTE 1: Maximum compression = 50%

NOTE 2: Bellows maximum extension: 6 in.

NOTE 3: Pump/motor max case drain pressure = 10 PSI

