

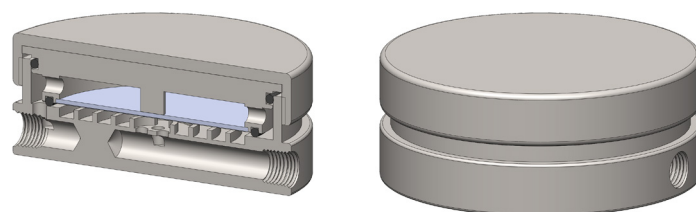
Materials 316L Stainless Steel
Pressure 500 psi
Ports 1/4" or 1/2"
Membrane MT.89.□

SML304 membrane housings use a porous PTFE membrane, which is supported by a sintered porous stainless steel disc on the outlet side. The housing is designed to separate two fluid phases and a special flow path increases the contact time against the membrane face to increase the flow rate.

The housing design allows a quick change of the membrane as all the line connections are arranged in the body of the housing and the threaded cap means no tools are required for access.

Standard housings have NPT ports and include Viton seals. Other seal types are available as an option. BSPT and BSPP port types are also available.

The housings are free from welds and comply with NACE MR-01-75.



Technical Specifications

Housing Model	SML304.221	SML304.441
Port Size	1/4" NPT	1/2" NPT
Drain & Bypass Ports	1/4" NPT	1/2" NPT
Maximum Pressure, psi	500	500
Maximum Temperature, °F (1)	300	300
Materials of Construction (2)		
Head, Bowl & Internals	316L SS	316L SS
Seals (3)	Viton	Viton
Membrane Code (4)	MT.89.□	MT.89.□
Principle Dimensions in inches		
Diameter	4.70	4.70
Height	1.85	2.60
Volume, cc	35	35
Weight, lbs	5.15	6.95
Accessories		
Mounting Bracket	MB.SM304	MB.SM304

Notes

- (1) Maximum temperature of 300°F is due to the PTFE membrane
- (2) Material abbreviations, 316L SS = 316L Stainless Steel
- (3) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SML304.221.T)
- (4) Replace the □ with the membrane grade required, e.g. MT.89.M8



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