

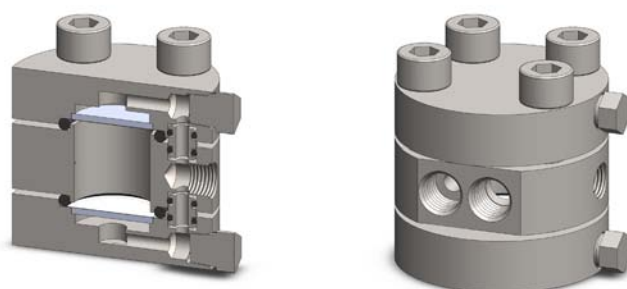
Materials 316L Stainless Steel
Pressure 100 Bar
Ports 1/8" or 1/4"
Membrane 2x MT.47.□

The SM015 membrane housings use two porous PTFE membranes, which are supported by sintered porous stainless steel discs on the outlet side. Any liquid in the gas sample will flow to the drain port. This port can also be used as a bypass function for the main flow.

The housing design allows the membranes to be changed without disconnection the port fittings.

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

STM105.111

STM105.211

Inlet & Bypass Port Size

1/8" NPT

1/4" NPT

Outlet Port

1/8" NPT

1/8" NPT

Maximum Pressure, Bar

100

100

Maximum Temperature, °C (1)

150

150

Materials of Construction (2)

Head, Bowl & Internals

316L SS

316L SS

Seals (3)

Viton

Viton

Membrane Code (4)

2x MT.47.□

2x MT.47.□

Principal Dimensions in mm

Diameter

63

63

Height

47

47

Volume, cc

10

10

Weight, kg

0.95

0.95

Accessories

Mounting Bracket

MBSM106

MBSM106

Notes

(1) Maximum temperature of 150°C 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. STM105.111.T)

(4) Replace the □ with the membrane grade required, e.g. MT.47.M2