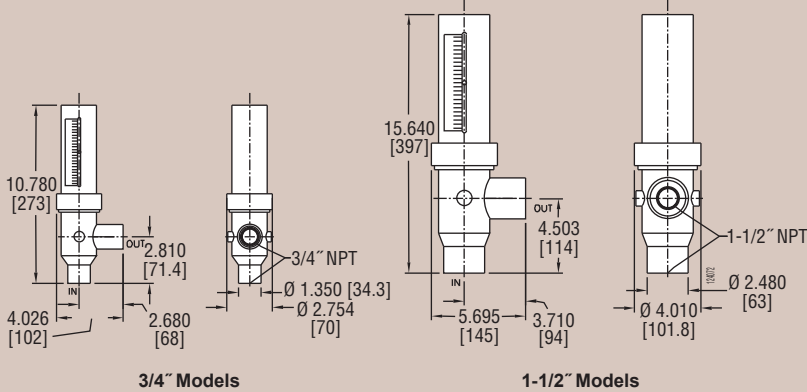




Series  
SSM

# All Metal Flowmeter

Available in Stainless Steel for Industrial Environments



**Series SSM 316 All Metal Flowmeters** are ideal for dirty or opaque fluids, high temperature and high pressure service and harsh environments. The direct reading scale provides  $\pm 2\%$  accuracy on approximate 25 to 1 ranges, which are wider than typical variable area ball float flow meters. The internal magnet carries the external flow indicator in a non-wetted enclosure. Flowmeters can quickly be disassembled without removing the body from the pipeline for easy cleaning. Pipe adaptors may be used to adapt to alternate size liner without altering accuracy.

- SPECIFICATIONS**
- Service:** Compatible liquids and gases.
  - Wetted Material:** T316 SS, Alnico magnet, FKM O-ring.
  - Temperature Limits:** 300°F (149°C).
  - Pressure Limits:** 3/4" models: 1000 psig (68.9 bar) @ 250°F (121°C), 1-1/2" models: 800 psig (55 bar) @ 250°F (121°C).
  - Accuracy:**  $\pm 2\%$  full-scale.
  - Repeatability:**  $\pm 0.5\%$  of indicated flow rate.
  - Process Connections:** 3/4" or 1-1/2" female NPT.
  - Scale Length:** 3/4" models: 3.2" (8 cm); 1-1/2" models: 5.2" (13 cm).
  - Weight:** 3/4" models: 5 lb (2.3 kg); 1-1/2" models: 13 lb (5.9 kg).

316 SS Body	Range	Connection	Max. Pressure Loss (in w.c.)
SSM-00	0.2-5.4 GPM Water (0.75-21 LPM)	3/4"	17.2
SSM-01	0.2-10 GPM Water (1-35 LPM)	3/4"	22.0
SSM-02	0.5-23 GPM Water (0.5-90 LPM)	3/4"	75.0
SSM-03	0.5-35 GPM Water (2-130 LPM)	1-1/2"	18.5
SSM-04	1-50 GPM Water (8-200 LPM)	1-1/2"	26.0
SSM-05	2-70 GPM Water (2-265 LPM)	1-1/2"	80.0
SSM-06	4-120 GPM Water (15-450 LPM)	1-1/2"	130.0
SSM-07	2-50 SCFM Air (4-85 M³/HR)	3/4"	4.5
SSM-08	6-125 SCFM Air (10-210 M³/HR)	3/4"	11.8
SSM-09	4-260 SCFM Air (10-440 M³/HR)	3/4"	93.0
SSM-10	2-310 SCFM Air (10-530 M³/HR)	1-1/2"	12.0
SSM-11	10-515 SCFM Air (20-880 M³/HR)	1-1/2"	40.0
SSM-12	35-750 SCFM Air (40-1300 M³/HR)	1-1/2"	70.0
SSM-13	20-1000 SCFM Air (40-1700 M³/HR)	1-1/2"	90.0