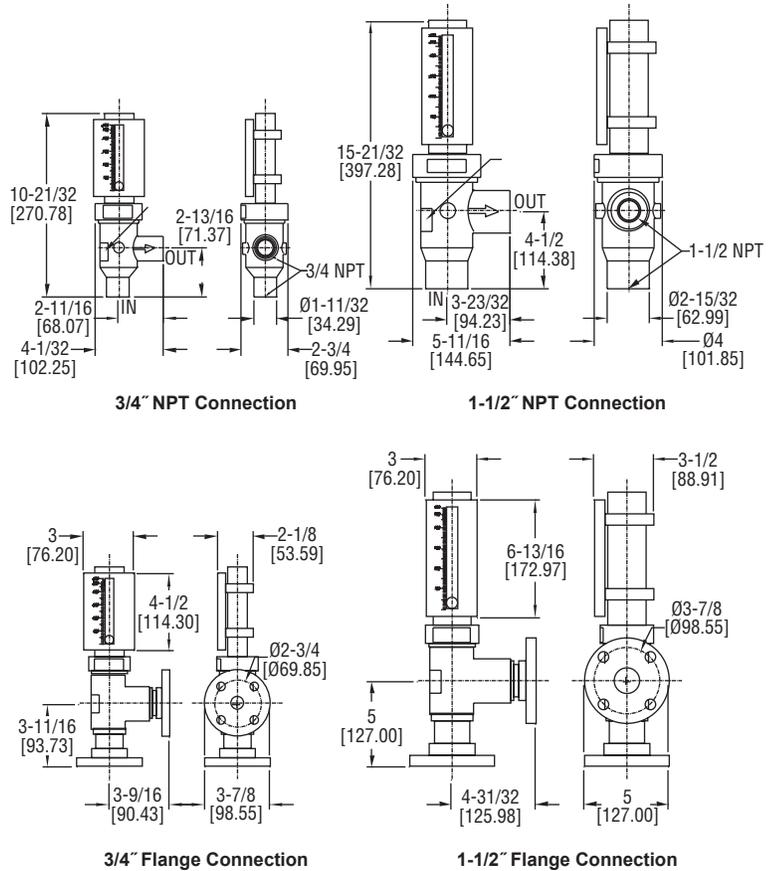




# STAINLESS STEEL FLOWMETERS

Ideal for Steam Applications



Flowmeters, In-Line

The **SERIES STFLO** Steam Flowmeters are heavy duty, industrial flowmeters with high temperature and pressure limits. These units include a geothermal PTFE O-ring with direct reading scale and  $\pm 2\%$  accuracy. These meters are of T316SS construction and offered in 3/4" and 1-1/2" process connections.

**FEATURES/BENEFITS**

- Easily disassembled without the meter being removed from the pipeline for easy cleaning
- Rugged construction allows for high pressure and temperature rating for long operation life

**APPLICATIONS**

- Monitoring steam flow
- High temperature & pressure industrial flow
- Harsh environments

**SPECIFICATIONS**

**Service:** Compatible with liquids and gases.  
**Wetted Material:** T316 SS, Alnico magnet, geothermal PTFE O-ring.  
**Temperature Limits:** See chart.  
**Pressure Limits:** See chart.  
**Accuracy:**  $\pm 2\%$  FS.  
**Repeatability:**  $\pm 0.5\%$  of indicated flow rate.  
**Process Connections:** 3/4" or 1-1/2" female NPT, optional flange connections.  
**Scale Length:** 3/4" models: 3.2" (8 cm); 1-1/2" models: 5.2" (13 cm).  
**Weight:** 3/4" NPT models: 5.75 lb (2.6 kg); 1-1/2" NPT models: 14 lb (6.4 kg). 3/4" flange models: 9.75 lb (4.4 kg); 1-1/2" flange models: 22 lb (10 kg).

**OPTIONS**

To order add suffix:	Description
F1	3/4" 150 # ANSI flange connection
F2	1-1/2" 150 # ANSI flange connection

MODEL CHART					
Model	Range lb/hr. steam	Connection NPT*	Model	Range lb/hr. steam	Connection NPT*
STFLO-00	2.3 to 50	3/4"	STFLO-08	7 to 100	1-1/2"
STFLO-01	5 to 100	3/4"	STFLO-09	7 to 150	1-1/2"
STFLO-02	5 to 150	3/4"	STFLO-10	14.5 to 335	1-1/2"
STFLO-03	9.5 to 240	3/4"	STFLO-11	24 to 800	1-1/2"
STFLO-04	14 to 335	3/4"	STFLO-12	28.5 to 1200	1-1/2"
STFLO-05	18.5 to 405	3/4"	STFLO-13	14.5 to 1480	1-1/2"
STFLO-06	28.5 to 770	3/4"	STFLO-14	35 to 1825	1-1/2"
STFLO-07	28.5 to 1230	3/4"			

**Note:** For ranges calibrated for water or air contact the factory. \*For flanged connection, see Options.

OPERATING LIMITS								
Maximum Non-Shock Working Pressure, psig (bar)								
Connection	0°F (-18°C)	70°F (21°C)	300°F (148°C)	350°F (176°C)	400°F (204°C)	450°F (232°C)	500°F* (260°C)	600°F* (315°C)
3/4"	1000 (68.9)	1000 (68.9)	1000 (68.9)	990 (68.2)	970 (66.8)	950 (65.5)	930 (64.1)	900 (62)
1-1/2"	800 (55)	800 (55)	800 (55)	790 (54.4)	780 (53.7)	770 (53)	760 (52.4)	750 (51.7)

\*Consult factory for high temperature option. 450°F (232°C) max standard with PTFE O-ring.