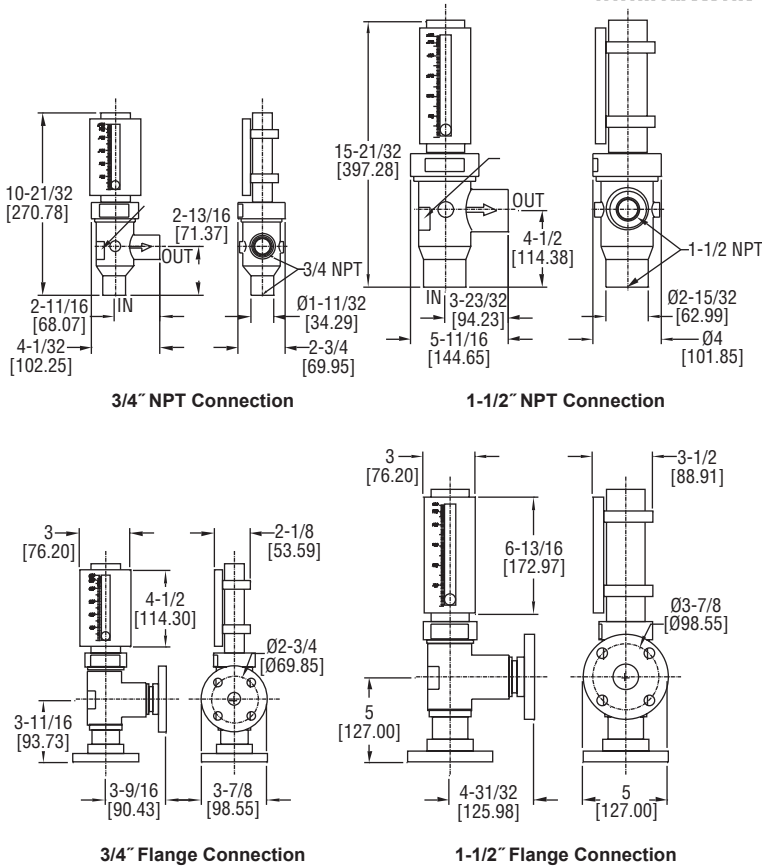


STAINLESS STEEL FLOWMETERS

Ideal for Steam Applications



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)	770 (53.7)	760 (52.4)	750 (52.4)	750 (51.7)

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

Scale disponibili per vapore, acqua e aria:

- | | |
|-------------------------------------|--------------------------------|
| 1 - 22.7 kg/hr Steam 3/4" NPT | 0.2 - 5.4 gpm Water 3/4" NPT |
| 2.3 - 45.4 kg/hr Steam 3/4" NPT | 0.2 - 10 gpm Water 3/4" NPT |
| 2.3 - 68 kg/hr Steam 3/4" NPT | 0.5 - 23 gpm Water 3/4" NPT |
| 4.3 - 108.9 kg/hr Steam 3/4" NPT | 0.5 - 35 gpm Water 1-1/2" NPT |
| 6.4 - 152 kg/hr Steam 3/4" NPT | 1 - 50 gpm Water 1-1/2" NPT |
| 8.4 - 183.7 kg/hr Steam 3/4" NPT | 2 - 70 gpm Water 1-1/2" NPT |
| 12.9 - 349.3 kg/hr Steam 3/4" NPT | 4 - 120 gpm Water 1-1/2" NPT |
| 12.9 - 557.9 kg/hr Steam 3/4" NPT | 0.75 - 21 L/min Water 3/4" NPT |
| 3.2 - 45.4 kg/hr Steam 1-1/2" NPT | 1 - 35 L/min Water 3/4" NPT |
| 3.2 - 68 kg/hr Steam 1-1/2" NPT | 0.5 - 90 L/min Water 3/4" NPT |
| 6.6 - 152 kg/hr Steam 1-1/2" NPT | 2 - 130 L/min Water 1-1/2" NPT |
| 10.9 - 362.9 kg/hr Steam 1-1/2" NPT | 8 - 200 L/min Water 1-1/2" NPT |
| 12.9 - 362.9 kg/hr Steam 1-1/2" NPT | 2 - 50 L/min Water 3/4" NPT |
| 6.6 - 671.3 kg/hr Steam 1-1/2" NPT | 6 - 125 scfm Air 3/4" NPT |
| 15.9 - 827.8 kg/hr Steam 1-1/2" NPT | 4 - 260 scfm Air 3/4" NPT |
| | 2 - 310 scfm Air 1-1/2" NPT |
| | 10 - 515 scfm Air 1-1/2" NPT |
| | 35 - 750 scfm Air 1-1/2" NPT |
| | 20 - 1000 scfm Air 1-1/2" NPT |
| | 4 - 85 m3/hr Air 3/4" NPT |
| | 10 - 210 m3/hr Air 3/4" NPT |
| | 10 - 440 m3/hr Air 3/4" NPT |
| | 10 - 530 m3/hr Air 1-1/2" NPT |
| | 20 - 880 m3/hr Air 1-1/2" NPT |