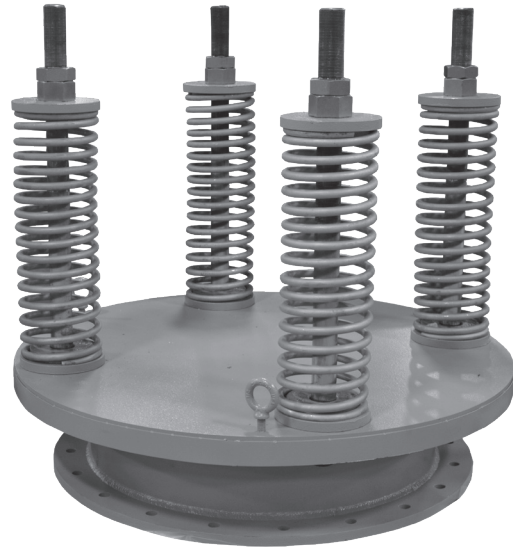


94250 Spring Loaded Emergency Vent

The Shand & Jurs 94250 Spring Loaded Emergency Vent is an economical solution to emergency venting on higher pressure tanks where weighed pallet systems are impractical. The springs provide a tighter, more economical seal for higher operating pressures. The constant force of the springs immediately reseal the pallet after the overpressure is relieved. This minimizes VOC's and odor emissions.

The 94250 is excellent protection against costly tank roof rupture repair. It is light weight for easy installation and maintenance. Spring loading eliminates the need for heavy weights which permits the higher pressures and larger diameters. Over 90 years of proven design experience insures reliable, trouble free operation. U.S. made high quality corrosion resistant materials provide an extended service life.



Specifications

Pressure Setting Range:

1-15 PSIG

Temperature Range:

Body and Seal Options for Process Temperature Ranges of -20°F to 350°F

Flanges:

ANSI and API compatible.
EN1092-1 and custom sizes available.

Materials of Construction

Base:

Carbon Steel, 316 Stainless Steel

Cover:

Carbon Steel, 316 Stainless Steel

Spring:

Steel, Stainless Steel

Seal:

NBR (Nitrile-Butadiene), FKM (Fluoroelastomer),
EPDM (Ethylene Propylene Diene Monomer)

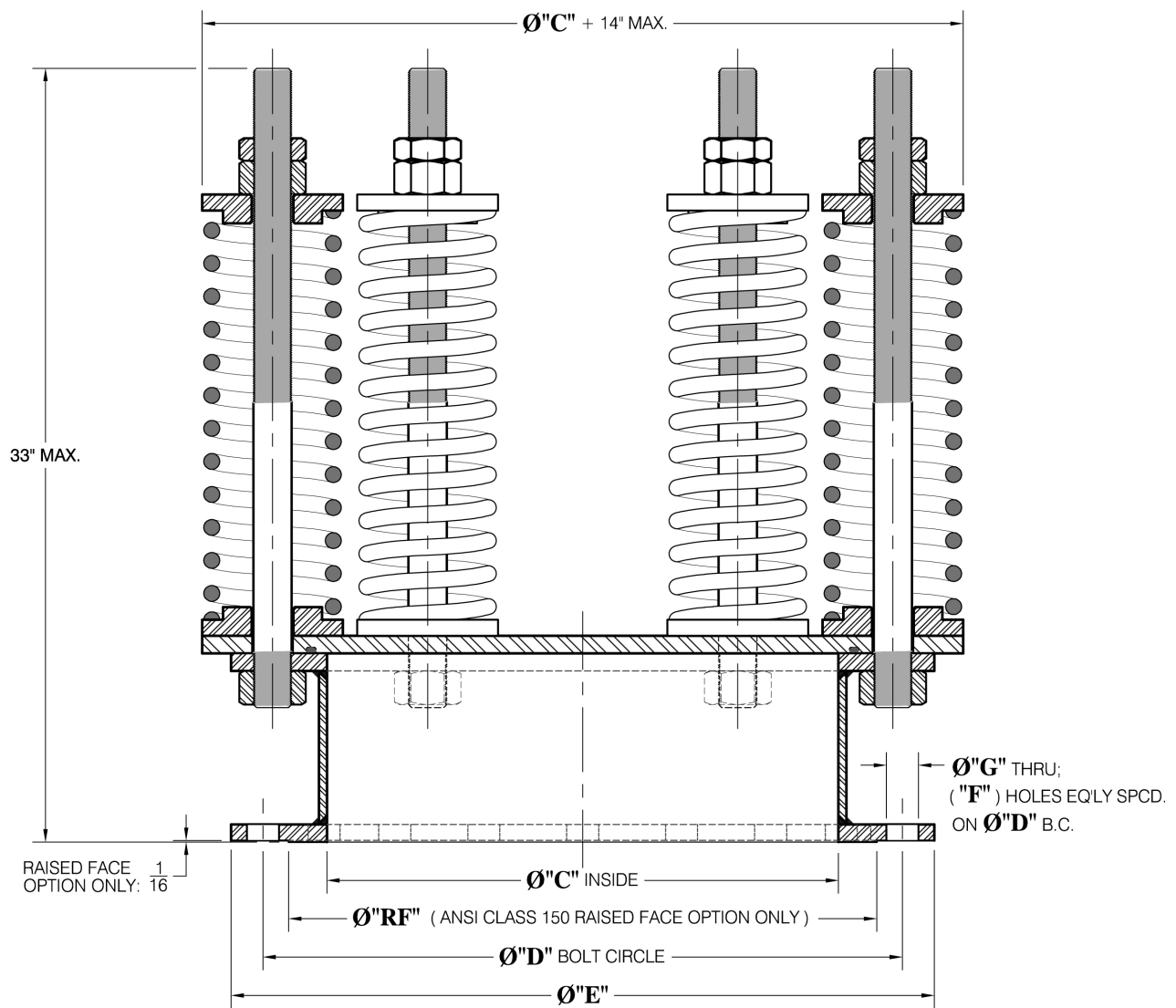
Features

- Spring Loaded Emergency Relief
- Tight Seal
- 1 to 15 PSI Settings
- Sizes 16", 20" and 24"
- Standard Aluminum, Carbon Steel or Stainless Steel options

Outline Dimensions

Vent Size	Connection Matching Size	Diameter "C"	Diameter "D" Bolt Circle	Diameter "E"	Holes "F"	Diameter "G"
16"	16" 125 lb. / 150 lb. ANSI	16	21 ¼	23 ½	16	1 ⅛
20"	20" API Roof Manhole	20	23 ½	26	16	¾
20"	20" 125 lb. / 150 lb. ANSI	20	25	27 ½	20	1 ¼
24"	24" API Roof Manhole	24	27 ½	30	20	¾
24"	24" 125 lb. / 150 lb. ANSI	24	29 ½	32	20	1 ⅜

Other Connection Sizes Available



Section View

All designs subject to change. Certified dimensions and specifications available upon request.

94250 Ordering Guide

Model Number Selection

The model number will consist of a base number **94250** followed by 8 digit numbers. These digits will represent 6 option tables.

94250 - AB - C - D - EF - G - H

Ordering Information

Specify:

1. Model 94250 Spring Loaded Emergency Vent
2. Size Required
3. Base and Cover Material
4. Pressure Setting

5. Flange Configuration

6. Seal Material

7. ATEX Certification for II 1 G Ex h II B T1...T6 Ga
EU Locations

Table AB - Size & Material

Option AB	Size	Material
11	16"	Steel
12	16"	316SS
21	20"	Steel
22	20"	316SS
31	24"	316SS
32	24"	Steel

Table C - Flange Type

Option C	Description
0	ANSI-FF 150 lb.
1	API-650
2	ANSI-RF 150 lb.

Table D - Seal Material

Option D	Seal Material
0	NBR
1	FKM
2	EPDM

Table G - Certification

Option G	Description
0	Standard
1*	ATEX

* Max. pressure 0.5 Barg [7.25 PSIG]

Table H - Spring / Hardware

Option H	Material
0	Standard
1	316SS

Table EF - Pressure Range

Option EF	Pressure Range
10	16" / 1.0 PSIG - 2.0 PSIG
11	16" / 2.1 PSIG - 4.0 PSIG
12	16" / 4.1 PSIG - 6.0 PSIG
13	16" / 6.1 PSIG - 8.0 PSIG
14	16" / 8.1 PSIG - 10.0 PSIG
15	16" / 10.1 PSIG - 11.0 PSIG
16	16" / 11.1 PSIG - 12.0 PSIG
17	16" / 12.1 PSIG - 13.0 PSIG
18	16" / 13.1 PSIG - 14.0 PSIG
19	16" / 14.1 PSIG - 15.0 PSIG
20	20" / 1.0 PSIG - 2.0 PSIG
21	20" / 2.1 PSIG - 4.0 PSIG
22	20" / 4.1 PSIG - 6.0 PSIG
23	20" / 6.1 PSIG - 8.0 PSIG
24	20" / 8.1 PSIG - 10.0 PSIG
25	20" / 10.1 PSIG - 11.0 PSIG
26	20" / 11.1 PSIG - 12.0 PSIG
27	20" / 12.1 PSIG - 13.0 PSIG
28	20" / 13.1 PSIG - 14.0 PSIG
29	20" / 14.1 PSIG - 15.0 PSIG
30	24" / 1.0 PSIG - 2.0 PSIG
31	24" / 2.1 PSIG - 4.0 PSIG
32	24" / 4.1 PSIG - 6.0 PSIG
33	24" / 6.1 PSIG - 8.0 PSIG
34	24" / 8.1 PSIG - 10.0 PSIG
35	24" / 10.1 PSIG - 11.0 PSIG
36	24" / 11.1 PSIG - 12.0 PSIG
37	24" / 12.1 PSIG - 13.0 PSIG
38	24" / 13.1 PSIG - 14.0 PSIG
39	24" / 14.1 PSIG - 15.0 PSIG