



No Step Vacuum Relief Valve

No Step Vacuum Relief Valve ensures safe ethanol loading, transportation and unloading

The latest innovation in vacuum relief valve technology for rail tank cars is the Midland "No Step" vacuum relief valve.

The new Midland "No Step" vacuum relief valve is designed to prevent the vacuum relief valve from being used as a foot valve to relieve pressure from the rail tank car. This innovative design allows the valve to only be operated in the event that vacuum conditions are reached in the car.

The new "No Step" design was created to help eliminate NAR's from vacuum relief valves that are caused by damage during loading and unloading operations.

Quad seals in the vacuum relief valve provide excellent sealing in both pressure and vacuum conditions. Vacuum relief valve settings are available from 1.5psi vacuum to 10psi vacuum.



Features

- Prevents damage caused from manual operation of the valve by stepping on valve
- Available in corrosion resistant stainless construction on sealing surfaces
- Quad seals provide positive sealing at vacuum and positive pressure
- Weather cap prevents elements from getting into the valve
- High flow capacity protects tanks from vacuum conditions
- Available in both flanged and threaded configurations

No Step Vacuum Relief Valve

Ordering Specifications

A-215-W-NS

ITEM	PART DESCRIPTION
1	215-100-CS, Body, Steel
2	Spring, Steel (SEE TABLE)
3	217-3-SS, Spring Seat, Stainless
4	215-44-CS, Lock Nut, Steel
5	217-50-SS, Stem, Stainless
6	215-6-BN, Pressure Seal, Buna-n ⁽¹⁾
7	215-70-SS, Weather Cap, Stainless
8	217-84-SS, Nameplate, Stainless
9	217-90-SS, Post, Stainless
10	720-181-SS, Locknut, Stainless

A-220-W-NS & A-222-W-NS

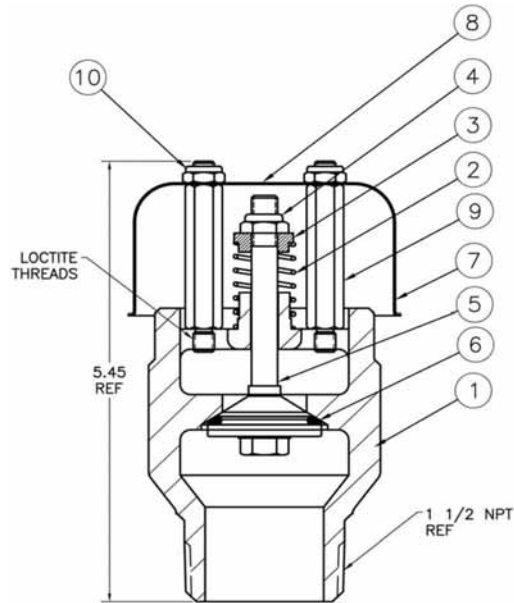
ITEM	PART DESCRIPTION
1	222-105-CS, Body, Carbon Steel
2	Spring, Steel (SEE TABLE)
3	217-3-SS, Spring Seat, Stainless
4	217-4-SS, Lock Nut, Steel
5	217-50-SS, Stem, Stainless
6	215-6-BN, Pressure Seal, Buna-n ⁽¹⁾
7	215-70-SS, Weather Cap, Stainless
8	217-84-SS, Nameplate, Stainless
9	217-90-SS, Post, Stainless
10	720-181-SS, Locknut, Stainless

Vacuum Settings Table

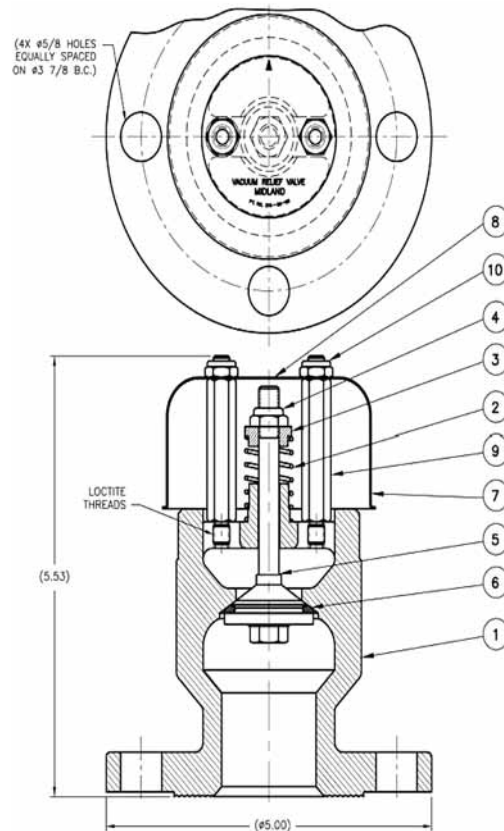
PSI	SPRING P/N
.75	215-2-MO
3	215-27-MO
4	217-23-MO
5-8	215-24-MO
10	215-25-MO

NOTE: 1 Alternate material available.
 -Standard minimum start to discharge pressure setting is .75 PSI vacuum.
 -Alternate vacuum settings are shown in table.
 -Net flow area 0.71 sq. in.

No Step Vacuum Relief Valve A-215-W-NS



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Learn more about stopping NARs. Go to midlandmfg.net and follow the link to <http://nar.aar.com>