

Semi-Internal "Pop-Action" Pressure Relief Valves for ASME Containers

Application

Designed for use as a primary relief valve on ASME containers such as 250, 500 and 1,000 gallon tanks. Underwriters' Laboratories lists containers systems on which these types of valves are mounted outside the hood without additional protection, if mounted near the hood and fitted with a protective cap.

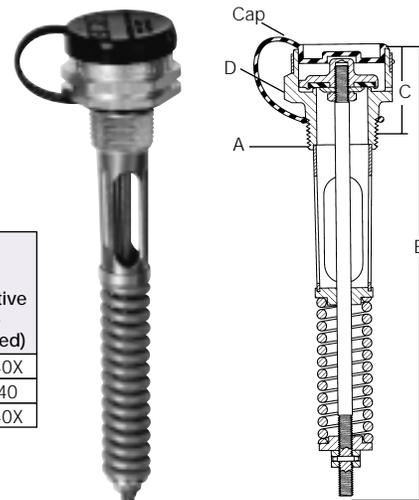
Features

- Huddling chamber design allows quick opening and resists chattering for long dependable service life.
- Constructed of non-corrosive materials.
- "Pop-action" design keeps product loss at a minimum.
- ASME rated for use with LP-Gas.
- Request RegO® Relief Valves on all your original equipment ASME containers for reliable performance.

Ordering Information

Part Number	Start To Discharge Setting PSIG	A Container Connection M. NPT	B Overall Height (Approx.)	C Height Above Coupling (Approx.)	D Wrench Hex Section	Flow Capacity SCFM/Air		Suitable for Tanks w/Surface Area Up To:*	Protective Cap (Included)
						UL (At 120% of Set Pressure)	ASME (At 120% of Set Pressure)		
7583G	250	¾"	8 ¾"	1 ½"	1 ¼"	1980	1806	80 Sq. Ft.	7583-40X
8684G		1"	9 ¾"	1 ½"	1 ½"	2620	2565	113 Sq. Ft.	8684-40
8685G		1 ¼"	11 ½"	1 ½"	2 ¾"	4385	4035	212 Sq. Ft.	7585-40X

* Per NFPA Pamphlet #58, Appendix D. Area shown is for UL or ASME flow rating—whichever is larger.



Semi-Internal "Pop-Action" Pressure Relief Valves for Large Storage Containers

Application

Designed especially for use as a primary relief valve on large stationary storage containers, these low profile relief valves are generally mounted in half couplings. However, they are designed so that the inlet ports clear the bottom of a full 2" coupling. This assures that the relief valve should always be capable of maximum flow under emergency conditions.

Features

- Large huddling chamber design allows quick opening and resists chattering for long dependable service life.
- High capacity, low turbulence design has a maximum guiding area providing for dependable shut-off after opening.
- Built-in spring stop limits the rise of the seat in full open position and prevents the spring from going "solid".
- External 3" NPT threaded body allows easy attachment of vent stacks. Optional pipeaway adapter has break-off groove to prevent damage to the relief valve should piping be stressed by damaging winds.
- "Pop-Action" design keeps product loss at a minimum.
- No guiding projections around the seat disc retainer to bind and hinder opening of valve if body is damaged.

Ordering Information

Part Number	Start To Discharge Setting PSIG	Container Connection M. NPT	Flow Capacity SCFM/Air*		Suitable for Tanks w/Surface Area Up To:**	Accessories	
			UL (At 120% of Set Pressure)	ASME (At 120% of Set Pressure)		Protective Cap	Pipeaway Adapter
7534B	125	2"	6,025	—	319 Sq. Ft.	7534-40	7534-20***
7534G	250		11,675	10,422	708 Sq. Ft.		

* Flow rates shown are for bare relief valves. Adapters and pipeaways will reduce flow as discussed in the forewording information.

** Per NFPA Pamphlet #58, Appendix D. Area shown is for UL or ASME—whichever is larger.

*** 3" F. NPT outlet connection.

7534 Series

- Weep hole deflector is furnished, installed, to guard against flame impingement on adjacent containers.
- ASME rated for use with LP-Gas.

Materials

- Upper Body Brass Forging
- Lower Body Brass Casting
- Stem Stainless Steel
- Spring Coated Steel
- Seat Disc Resilient Rubber

