

High Capacity Liquid Withdrawal Valves For NH3 A8012 Series

Application

The A8012 Series is designed especially for use as a high capacity liquid withdrawal valve on anhydrous ammonia nurse tanks or risers.

This valve incorporates an integral excess flow valve; when the valve is in operation the handwheel must be completely open and back-seated to allow the excess flow valve to function properly as explained in the excess flow section of our L-500 and L-102 catalogs.

Features

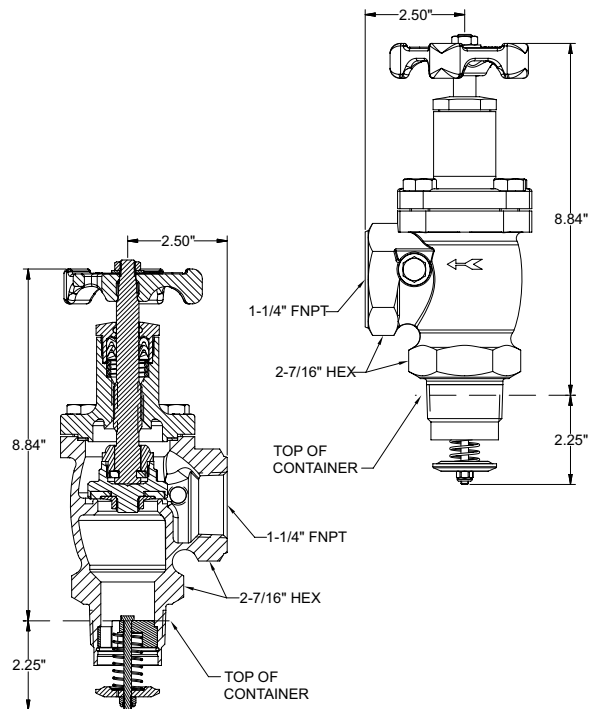
- Excess flow valve designed for high flow and low pressure drop.
- Excess flow seat fully contained in the container coupling for maximum protection in the event of external damage to the valve.
- Resilient disc assembly with swivel seat is fully contained for bubble-tight shut-off and long service life.
- "V"- ring spring loaded stem seal design requires no field adjustment.
- 1/4" F.NPT port that accommodates a vent valve or hydrostatic relief valve.
- UL Listed for LP-Gas and anhydrous ammonia.

Materials

Body	Ductile Iron
Bonnet	Ductile Iron
Stem	Stainless Steel
Seat Disc	Nitrile
"V" -Rings.....	Teflon
Excess Flow Valve.....	Stainless Steel
Springs	Stainless Steel



A8012D



Ordering Information

Part Number	Inlet Connection	Outlet Connection	Approximate Closing Flow GPM	Accessories for NH3 Use	
				Hydrostatic Relief Valve	Vent Valve
A8012D	1 1/2" M.NPT	1 1/4" F.NPT	72 GPM NH3*	SS8001J	TSS3169
A8012C			45 GPM NH3*		

* When installed in a horizontally flowing system.