

# Multipurpose Valve for Filling of NH<sub>3</sub> Containers A8016DBC

## Application

Designed specifically for use as a manual filler valve on anhydrous ammonia applicator tanks. This valve incorporates an integral back check valve.

## Features

- Positive seating back check valve opens for maximum flow at minimum pressure drop when filling — regardless of the type of coupling in which the valve is installed.
- Back Check seat is fully contained in the tank coupling for maximum protection in the event of external damage to the valve.
- Resilient seat disc assembly is fully contained on three sides for bubble-tight shut-off and long service life.
- "V"-ring spring-loaded stem seal design requires no repacking or field adjustment.
- Specially machined break-away groove beneath ACME threads will shear-off with excessive pull on the hose and leave the valve body intact.
- Plugged 1/4" NPT boss accommodates vent valve or hydrostatic relief valve.

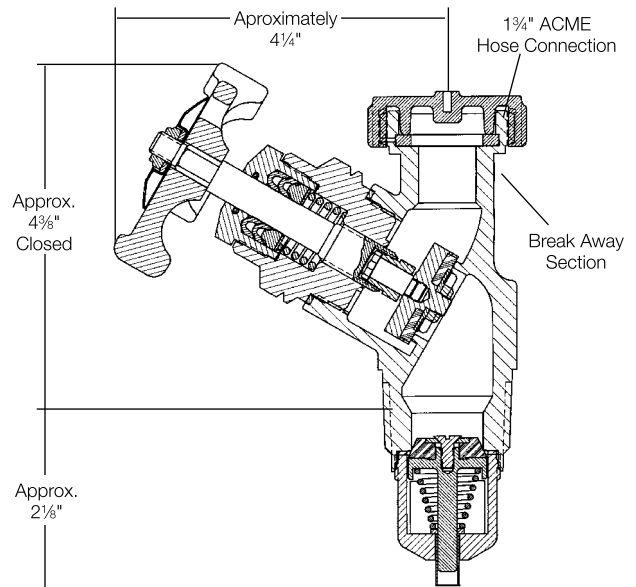


A8016DBC



## Materials

Body ..... Ductile Iron  
 Bonnet ..... Steel  
 "V"-Rings ..... Teflon  
 Stem ..... Stainless Steel  
 Seat Disc ..... Resilient Synthetic Rubber  
 Back Check Valve..... Stainless Steel, Steel and Synthetic Rubber Springs  
 Springs ..... Stainless Steel



## Ordering Information

Part Number	Inlet Connection	Filling Connection	Filling Capacity at 20 PSIG Pressure Drop GPM/NH <sub>3</sub>	Accessories	
				Hydrostatic Relief Valve	Vent Valve
A8016DBC	1 1/4"	1 3/4"	95	SS8001J	TSS3169

\* Determined at 9.5 to 12 PSIG differential.

\*\* Determined at 100 PSIG inlet.