

IMPORTANT
SUPPLEMENTAL INSTALLATION
INSTRUCTIONS

Cam-Tite® Ball Valves
With Vented Cavity

if additional information is required, contact:

Engineered Valves, Attn: Sales Department
33 Centerville Road, Lancaster, PA 17603
Phone: 717-509-2200 Fax: 717-509-2336

WARNING

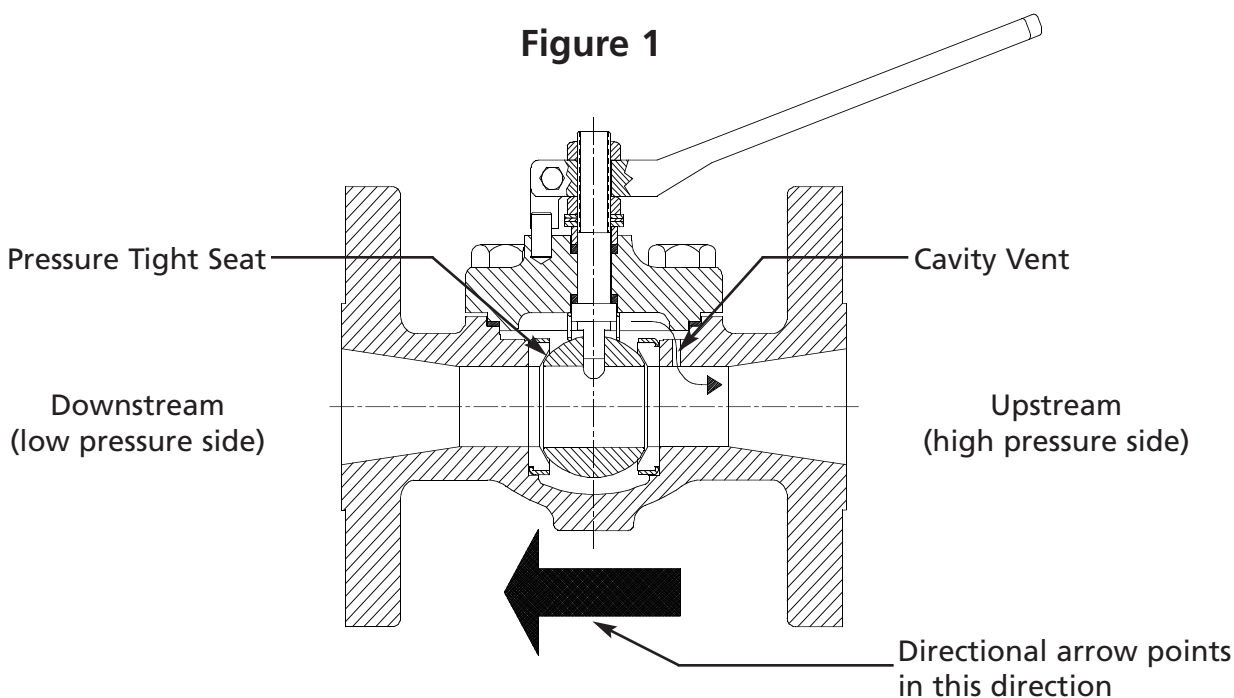
ITT INDUSTRIES VALVES AND VALVE ACTUATORS ARE DESIGNED AND MANUFACTURED USING GOOD WORKMANSHIP AND MATERIALS, AND THEY MEET ALL APPLICABLE INDUSTRY STANDARDS. THESE VALVES ARE AVAILABLE WITH COMPONENTS OF VARIOUS MATERIALS, AND THEY SHOULD BE USED ONLY IN SERVICES RECOMMENDED IN OUR PRODUCT CATALOG OR BY A COMPANY VALVE ENGINEER.

MISAPPLICATION OF THE PRODUCT MAY RESULT IN INJURIES OR PROPERTY DAMAGE. A SELECTION OF VALVE COMPONENTS OF THE PROPER MATERIAL CONSISTENT WITH THE PARTICULAR PERFORMANCE REQUIREMENT, IS IMPORTANT FOR PROPER APPLICATION.

EXAMPLES OF THE MISAPPLICATION OR MISUSE OF ITT INDUSTRIES VALVES INCLUDE USE IN AN APPLICATION IN WHICH THE PRESSURE/TEMPERATURE RATING IS EXCEEDED OR FAILURE TO MAINTAIN VALVES AS RECOMMENDED.

IF VALVE EXHIBITS ANY INDICATION OF LEAKAGE, DO NOT OPERATE. ISOLATE VALVE AND EITHER REPAIR OR REPLACE.

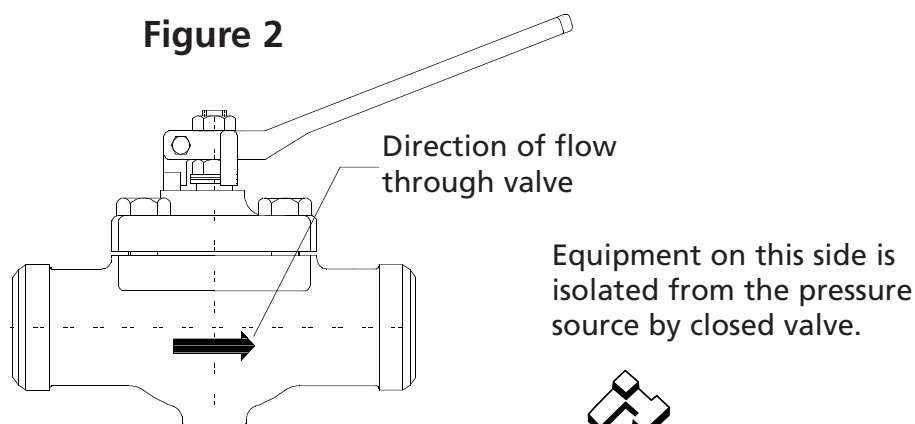
This valve contains a body cavity vent which provides spontaneous relief of cavity pressure within a closed valve to the upstream (high pressure side) piping. The "Direction of Pressure Tightness" is indicated by the single cast arrow on the side of the valve body as illustrated in Figure 1.



IMPORTANT

"Direction of Pressure Tightness" is not to be confused with "Flow Direction."

1. In some cases these two may be the same. See Figure 2.



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2. In other cases, these two may be opposite. An example of this is a tank car unloading valve for dry chlorine. Figure 3 shows the proper installation of rail car unloading valves. Figure 4 illustrates the valve's function and proper venting once the rail car is disconnected.

Figure 3 – Cl₂ RAIL CAR UNLOADING

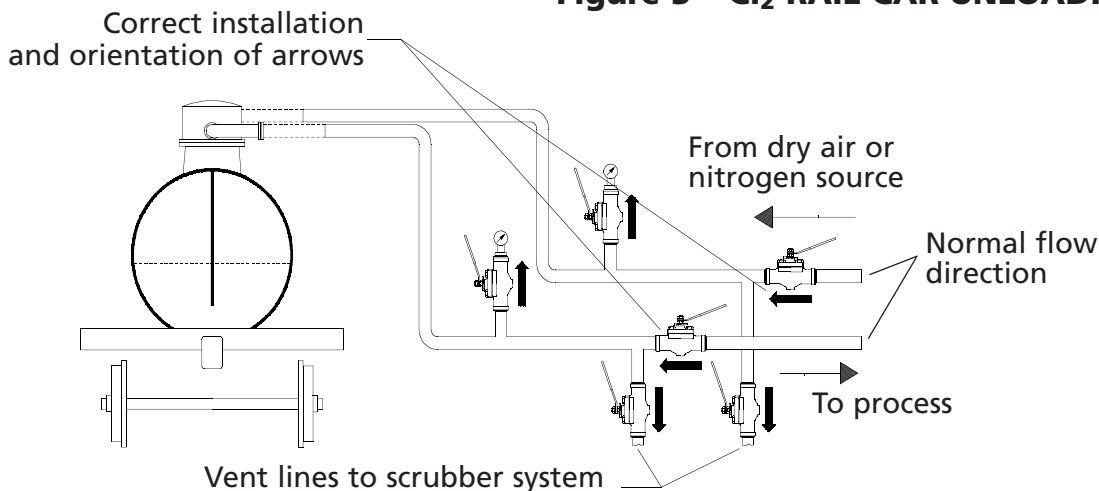
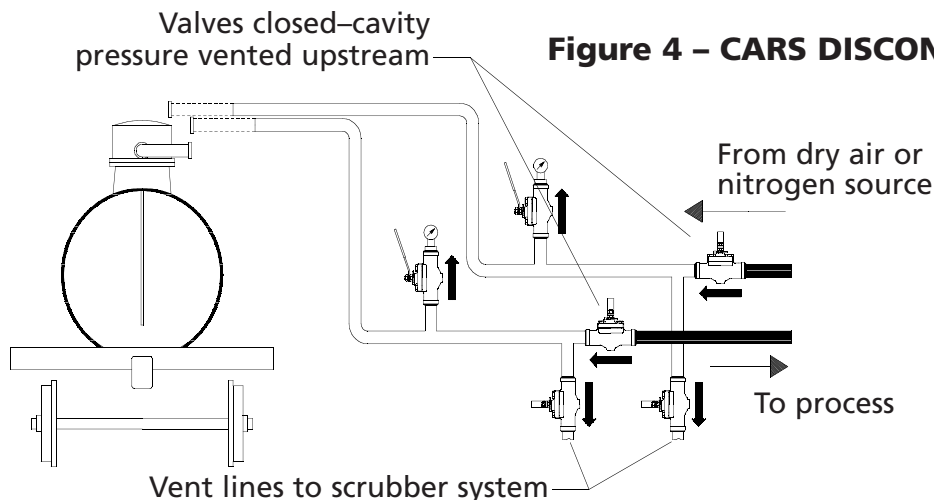


Figure 4 – CARS DISCONNECTED



Industrial Group

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