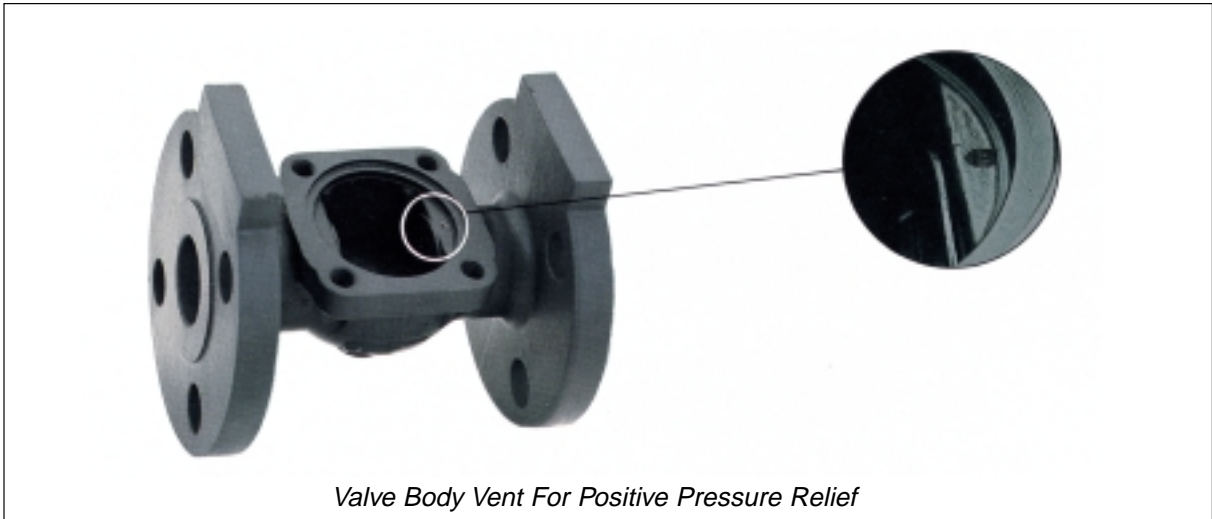


The Proven Leader in Dry Chlorine

In dry chlorine service, valves must be capable of absolute shutoff while maintaining piping system integrity (no stem seal leakage). For cost-effectiveness, they must also offer long service life. Simple enough, yet the punishing nature of chlorine handling has defeated many types of chlorine valves and forced users to accept compromises in performance and safety. Such compromises are no longer necessary.

Thousands of installed Cam-Tite valves are demonstrating their superiority, based on three important features:

- Patented Ball Design – Assures zero leakage through the valve.
- Superior Stem Seals – Prevents leakage to the atmosphere.
- Positive Valve Body Vent



Positive Relief

In accordance with the Chlorine Institute Pamphlet No. 6, all dry chlorine ball valves must be equipped to relieve excess pressure in the ball cavity toward the direction of high pressure. This is an important safety feature, ensuring that excess pressure in a closed valve will bleed off harmlessly. Cam-Tite Ball Valves prepared for dry chlorine service are equipped with a positive vent in the valve body as opposed to competitive designs that rely on self-relieving seats or vents through the ball or plug. Experience has proven that self-relieving seats do not provide predictable performance. Placing the vent in the body eliminates the possibility of installing a vented ball or plug backwards. A positive body vent is the only way to provide predictable, repeatable safety relief.

Note: Cam-Tite Ball Valves supplied with vented bodies are considered unidirectional with regards to shut-off.

Chlorine Valve Preparation

Preparation in accordance with the Chlorine Institute Pamphlet 6 includes:

- A relief vent in the body to bypass the upstream seat.
- A cast arrow on the body to indicate the direction of pressure tightness.
- Special cleaning of all valve components.
- Special testing for seat tightness and relief port venting.
- Special packaging and marking.

Cam-Tite Ball Valves for dry chlorine service are usually supplied with cast carbon steel (ASTM A216 Gr. WCB) bodies, monel ball and stem, and reinforced PTFE seats, seals and cover gasket. Other materials, including alloy 20, hastelloy, and ceramic are commonly used in chlorine services and are available as required.

When ordering valves "Prepared for Dry Chlorine Service", specify code "CLV" in the configuration number.