

Cam-Tite®

Top Entry Metal
Ball Valves for
Severe Service
Applications



ITT Industries

Engineered for life

Bonnet Options



Extended Bonnet

Cam-Tite Ball Valves can be furnished with extended bonnets for higher temperature or semi-cryogenic services. The extended bonnet allows the valve to be wrapped with insulation without interference from the hand lever and is interchangeable with the standard bonnet. This arrangement raises the stem seal further away from the flowing fluid, thereby reducing the effects of the temperature extremes. The stem is supported to minimize the possibility of galling or stem leakage. The extended bonnet permits the packing nut to extend beyond the valve insulation, thereby permitting stem seal adjustment without disturbing the insulation.



Severe Service Bonnet

The severe service bonnet option was specifically designed to meet the needs of those difficult applications where a true stuffing box is preferred. This design utilizes the extended bonnet as the primary component maintaining the conventional bottom stem seal, augmented by stacked Chevron V-ring packing at the top. The addition of an optional lantern ring and bonnet tap provides for the insertion of compatible lubricants into the packing, inert gas padding, or leak detection. Available in ANSI Class 150 through 600, the severe service bonnet option brings a modular approach to the stem sealing system of the Cam-Tite Ball Valve.



Bellows Stem Seal

Cam-Tite Ball Valves are also available with a bellows stem seal. This stem seal device, manufactured by Kerotest Manufacturing Corp., provides a hermetic stem seal via a unique quarter-turn bellows design.

The interface design for the bellows stem seal to the Cam-Tite Ball Valve was a joint effort between Engineered Valves and Kerotest in which the bellows assembly becomes integral to the bonnet of the valve. This allows for disassembly should replacement of internal components be required. The device can also be easily actuated. Bellows stem seals are available in ANSI Class 150 and 300 in a variety of materials.

ENGINEERED VALVES

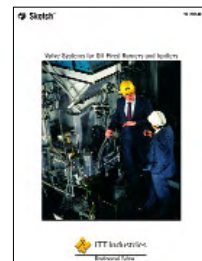
For additional information on *ENGINEERED VALVES* products as referenced, call 1-800-2ITT-FTC, (1-800-248-8382) or contact the nearest regional office listed below.



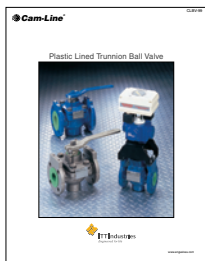
PURE-FLO®
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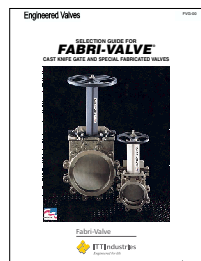
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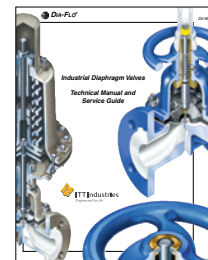
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