

Extended Bonnet Cryogenic Globe Valves

BK and BKA Series Valves

Application

The BK and BKA Series valves are designed exclusively for the handling of cryogenic liquids on bulk storage tanks, transports, and pipelines. These globe valves provide positive shutoff and offer a long, low-maintenance service life. The valves are available with a variety of inlet and outlet connections and stem lengths. Certain BK valves are offered with brazed-in Sch 5 Stainless Steel Pipe Stubs.

Features

- CTFE seat disc and swivel seat design offer positive shutoff, minimal seat wear, and a long service life.
- Unique spring-loaded upper packing provides extended service life without constant packing adjustment
- One piece slip-on seat assembly for easy replacement.
- Each valve is pressure tested to be leak free.
- Each valve is cleaned and packaged for oxygen service per CGA G-4.1.
- Maximum working pressure is 600 psig CWP.
- Working temperature range is -320°F to +165°F.
- 100% Factory Tested

Materials

| | |
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| Body | Bronze |
| Body and Bonnet | Brass |
| Seat Disc | CTFE |
| Seat Retainer Assembly | Brass |
| Stem and Bonnet Extension Tube | Stainless Steel |
| Packing Spring, Washer | Stainless Steel |
| Jam Ring and Pressure Seal Rings | PTFE |
| Upper Bonnet, Packing Gland | Brass |
| Handwheel | Aluminum for up to 1" valve size, Coated Malleable Iron for larger size |

Bonnet Design

Union Bonnet for 1/2", 3/4", 1" valve sizes and on both the 1" model BKA8408S and 1 1/2" model BKA8412S angle valves. Bolted Bonnet design is used on the BK9410, BK9412, and BK9416 models.



BK 8408T



BK 9412S



BKA9408AA



BKA8412S

