

Krombach[®] KFO 9136 Metal Seated Ball Valves

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Extreme Temperature and Wear Resistant Metal Seated Ball Valve for Use in Coal Gasification, Refining, Petrochemical and Pulp Slurry Severe Service. Key features include:

- 1 **UNI-DIRECTIONAL SINGLE SEAT** permits tight shut-off operation and enables **CAVITY FREE PERFORMANCE**
- 2 **LOWER COST OF OWNERSHIP** due to the energized seat and low friction bearing design **REDUCES OPERATING TORQUES** by over 20%
- 3 Robust Stem Seal Design permits superior **FUGITIVE EMISSIONS CONTROL*** to **REDUCE POTENTIAL DOWN TIME**

*Certified standards per EPA Method-21, ISO-15848, and TA-Luft in accordance with VDI 2440.



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Features

- Hard facing on ball and seat
- High wear resistance
- Unique lapping procedure for high quality seat / ball roundness of hard-faced surface
- Stem-ball connection uses a polygon profile to ensure the most effective torque transmission
- Optimized trunnion ball valve design permits smaller actuators due to lower torque
- Uni-Directional single seat design

Materials of Construction

- Standard: A216 Gr. WCB, A351 Gr. CF8M
- Special (upon request): Duplex, Hastelloy®

Size Range

- 2" up to 16", in two piece cast body design

Pressure Ratings

- ASME Class 300#, Class 600#

Temperature Range

- Standard: -29°C up to 260°C, -20°F up to 500°F
- Special (upon request): up to 700°C, 1300°F

Body Configurations

- Casted body, 2-piece design
- Flanged
- Trunnion mounted

Face to Face

- According to ASME B16.10

Flanges

- According to ASME B16.5

Compliance

- API 608
- API 607, 6th Edition / ISO 10497
- EPA Method 21, API 641 and ISO 15848-1 (Fugitive Emissions Compliance)
- Quality certification as per ISO 9001

Typical Applications

- Coal Gasification
- Silicon Powder
- Refining
- Chemical and Petrochemical Processing

Special Options

- Optional design with two seats and bi-directional sealing for demanding applications
- Stem extensions
- Emission monitoring ports
- Heating jacket
- Cladding on flow through body parts passage
- Single seat with Bi-Directional sealing

