

# 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:

- 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.







# Krombach®KFO 9136 Metal Seated Ball Valves

#### **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**

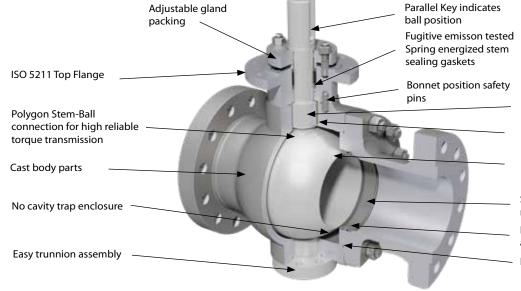
- API 608
- API 607, 6th Edition / ISO 10497
- EPA Method 21, API 641 and ISO 15848-1 (Fugitive Emissions Compliance)
- Quality certification as per ISO 9001

# **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



Blow out safe Stem

Low torque bearings

Various hard face options on ball and seat with high wear resistance

Single seat design reduce spare parts

Energized self adjustable seat

Fire safe gaskets

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