

Krombach® KFO 9136 Metal Seated Ball Valves

www.cranecpe.com

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.



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

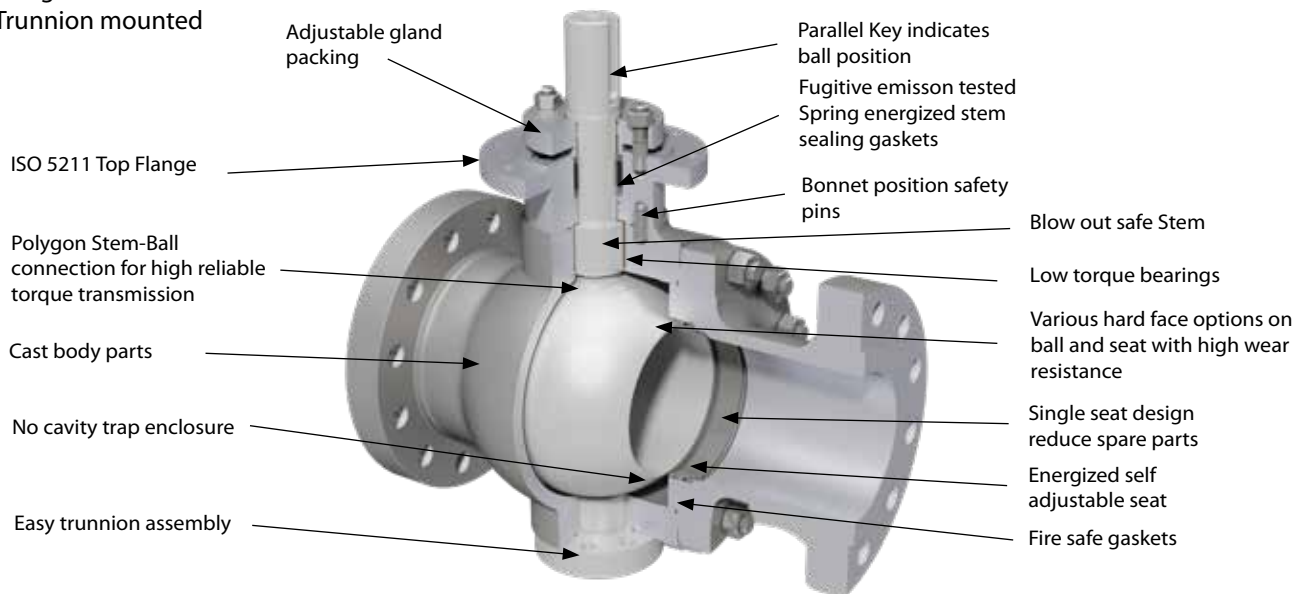
- API 608
- API 607, 6th edition: Fire Tested
- EPA Method 21, API 641 and ISO 15848-1 (Fugitive Emissions Compliance)
- Quality certification as per ISO 9001

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



Friedrich Krombach GmbH
 Armaturenwerke
 Marburger Str. 364
 57223 Kreuztal, Germany
 Tel.: +49 2732 520 00
 Fax: +49 2732 520 100
 www.cranecpe.com

Crane ChemPharma & Energy, Krombach®

Crane Co., and its subsidiaries cannot accept responsibility for possible errors in catalogues, brochures, other printed materials, and website information. Crane Co. reserves the right to alter its products without notice, including products already on order provided that such alteration can be made without changes being necessary in specifications already agreed. All trademarks in this material are property of the Crane Co. or its subsidiaries. The Crane and Crane brands logotype, in alphabetical order, (ALOYCO®, CENTER LINE®, COMPAC-NOZ®, CRANE®, DEPA®, DUO-CHEK®, ELRO®, FLOWSEAL®, JENKINS®, KROMBACH®, NOZ-CHEK®, PACIFIC VALVES®, RESISTOFLEX®, REVO®, SAUNDERS®, STOCKHAM®, TRIANGLE®, UNI-CHEK®, WTA®, and XOMOX®) are registered trademarks of Crane Co. All rights reserved.