

End-Entry Floating Ball

Model: FB



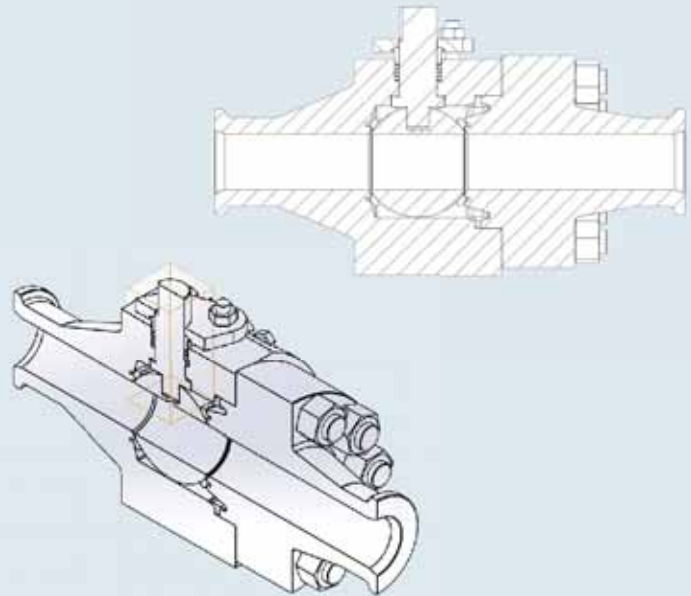
END ENTRY FLOATING BALL
TWO OR THREE PIECE BODY
METAL AND SOFT SEATS AVAILABLE

Sizes:	ANSI 1/2" - 24" API 1 13/16" - 4 1/16"
Ratings:	ANSI 150 - 4500 API 2000 - 20000
Design Standards:	B16.34, API 6D, API 6A, BPVC
Temperature:	From minus 320 °F (CRYOGENIC) To 1500 °F (HIGH TEMPERATURE)
End Connections:	SW, BW, RF, RTJ, HUB END ANSI B16.5 / API 6A / ANSI B16.25
Leakage Class Options:	- API 6D, ISO-5208 Rate A - API 6A, PSL - 1, 2, 3 & 3G - API 598, API 622, API 641 - FCI 70.2, CLASS V & VI (Metal Seat) - Bubble Tight (Soft Seated)
Actuation:	Manual, Pneumatic, Hydraulic, Electric...



Standard Features

1. Spiral wound graphite or metal to metal body/bonnet seal: reliable and fire safe
2. Floating ball design
3. Pre-loaded, pressure assisted seating, uni-directional seating: Pre-loading provides uniform torque. Pressure assistance assures tighter seal.
4. Engineered stem and fugitive emission seals per customer specification - able to meet API 622/641
5. Rigid bolted body: optimal strength and versatility



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Model: FB2/3

PARTS LIST

A/R = AS REQUIRED

ITEM	QTY	DESCRIPTION
1	1	Body
2	1	Tail Piece
3	1	** Ball
4	2	** Seat
5	1	Stem
6	1	Packing Gland
7	1	Packing Ring
8	1	** Fire Safe Body Seal
9	1	Thrust Washer
10	2	* Anti Extrusion Ring
11	2	* Anti Extrusion Ring
12	2	* Seat Back Seal
13	4	* Packing
14	A/R	Heavy Hex Nuts
15	A/R	Body Studs
16	A/R	Packing Heavy Hex Nuts
17	A/R	Packing Studs

Applications

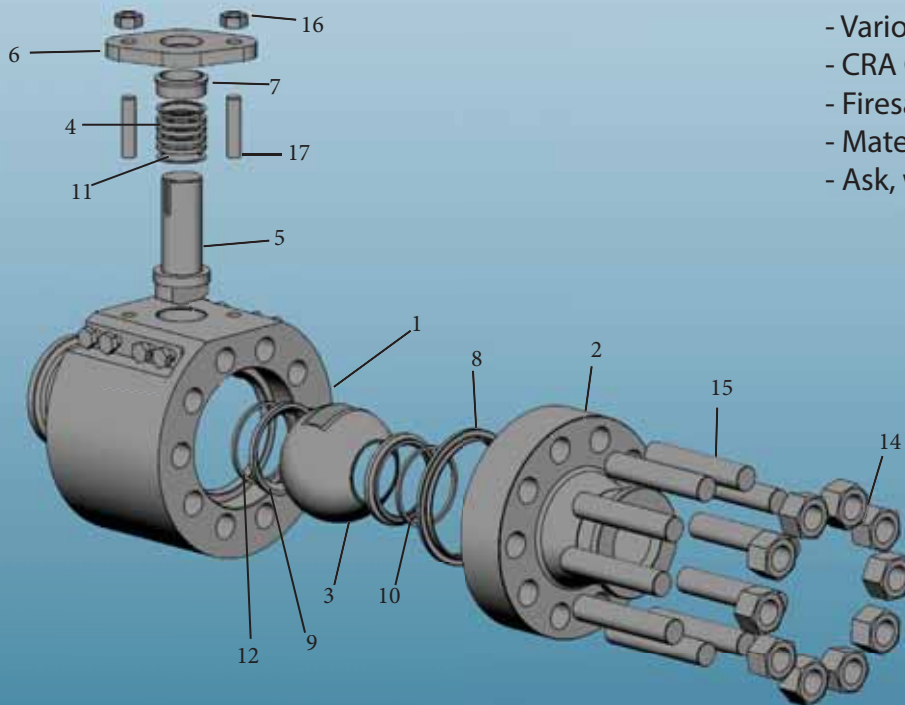
- Chemical Processing & Refining
- Frequent Actuation Operation
- Tight Shut-Off (soft seat design) Oxygen
- Chlorine Service
- LNG Service (Full Cryogenic & Low Temp)
- Hydrogen Service and Zero Emissions
- Compression Gas and Upstream

Materials

Carbon Steel, Stainless Steel, Duplex, Stainless, Chrome Molybdenum, Nickel & Titanium based alloys, and other exotic alloy available upon request.

Available Options

- Steam Purge Ports
- Secondary & Tertiary Stem Seals
- Soft Seated or Metal Seated
- Various Ball Coatings
- CRA Overlays
- Firesafe
- Materials to Nace Standards
- Ask, we can provide others



Certificates & Licenses



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QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: **JANUARY 19, 2022**
Expiration Date: **JANUARY 19, 2025**

Anchel Lidder
Senior Vice President of Global Industry Services

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API 6DSS-0073



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has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:
ISO 9001:2015

The Quality Management System is applicable to:
DESIGN AND MANUFACTURE OF SEVERE SERVICE VALVES.

This certificate may be found on the ABS Q&E Website (www.abs-qe.com). For certificates issued in the People's Republic of China information may also be verified on the CNCA website (www.cnca.gov.cn/).

Certificate No: 03874
Effective Date: 04 February 2022
Expiration Date: 03 February 2025
Revision Date: 04 February 2022

Domonic Townsend
Domonic Townsend, President

ANAB
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Validity of this certificate is based on the successful completion of the periodic surveillance audits of the management system defined by the above scope and is contingent upon ongoing compliance with the requirements of ABS Quality Evaluations, Inc. of significant changes to the management system or company name.

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