

# End-Entry Floating Ball

## Model: FB



SEVERE SERVICE ENGINEERING

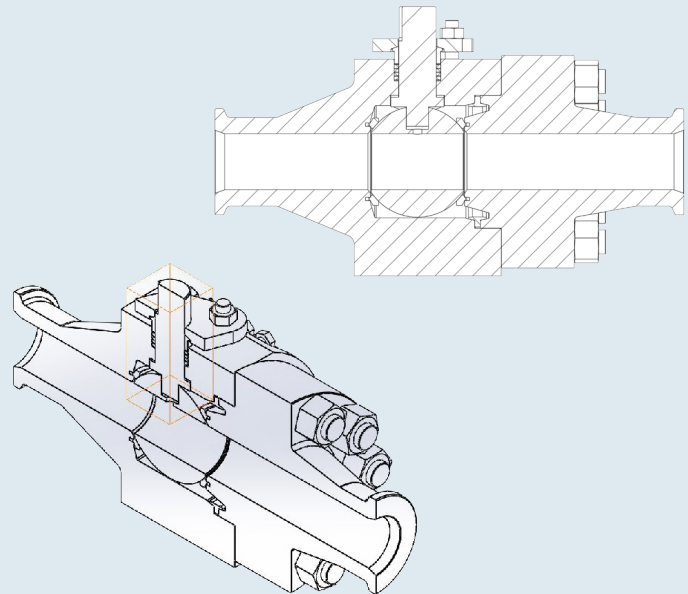
END ENTRY FLOATING BALL  
TWO OR THREE PIECE BODY  
METAL AND SOFT SEATS AVAILABLE

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 - API 6A, PSL - 1, 2, 3 & 3G - API 598 - 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
5. Rigid bolted body: optimal strength and versatility



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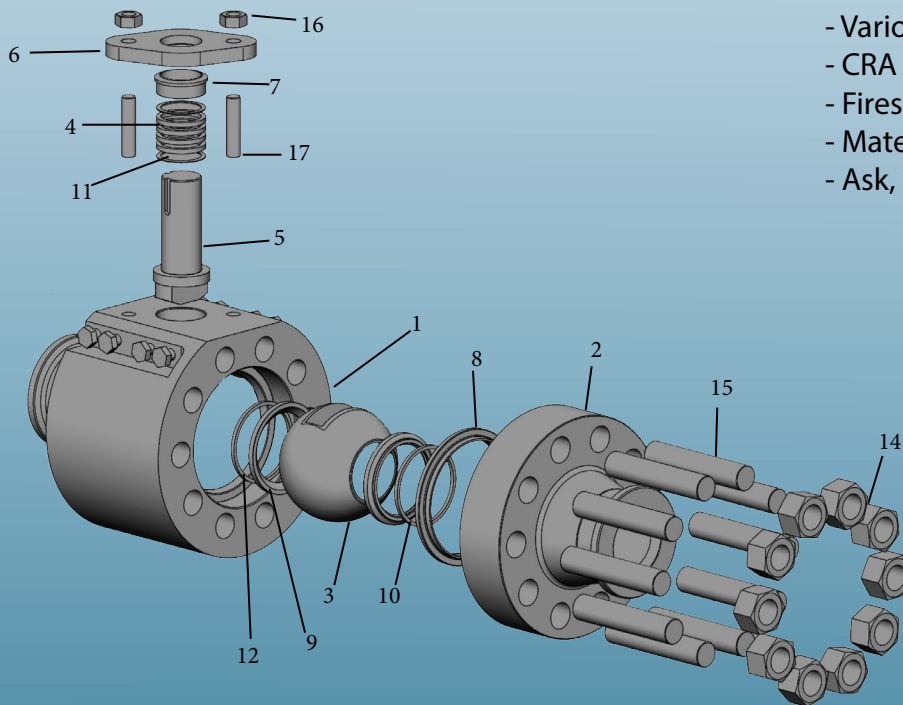


# Model: FB2

## 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

## Materials

Carbon Steel, Stainless Steel, Duplex, Stainless, Chrome Molybdeum, 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