

FLOATING BALL VALVE

FAF1800

1800



Features

- Designed and manufactured according to ANSI standards.
- Can be installed bi-directional
- The well accordance of teflon material with various flow types and its resistance to higher temperatures enables it to be used in wide range of applications.
- It has stainless steel ball, body material can be manufactured in cast steel or forged steel.
- Designed as fire safe, tested according to standards by exposing to fire conditions.
- Through its antistatic feature, the arc possibility between valve parts are prevented.
- It is appropriate to be used in fully open or fully closed position.
- No maintenance ever required.
- Handle clearly shows the ball position.
- Low coefficient of torque valve.
- Excellent sliding and running properties
- Suitable to install gearbox and actuator.

Temperature

- -30°C, +200°C

PRODUCTION STANDARDS

DN50 → DN600
CL 150-300-600

Design	API 6D / ASME B16.34
Connection	ASME B16.5
Face to Face	API6D / ASME B16.10
Fire Test	API 607 / ISO 10497
Pressure Test	API 6D / API 598
Marking	API 6D
Corrosion Protection	Industrial Epoxy

Product Description

FAF1800, floating type valve is operating by a ball having a hole with the same size as the flow section, through the help of the stem, rotating quarter turn (90 degree) between teflon seats fixed to the body where the ball to be parallel or perpendicular to the flow axis.

Versions

- Standard version with handle
- Various ball, stem and body material alternatives available
- Prepared for electrical actuator
- With electrical actuator
- With gearbox
- Custom production for specific orders

Scope of Application

- Water tanks
- Food industry
- Storage tanks

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PRODUCTS MODEL CODES	
FAF1800	BALL VALVE - FLOATING
FAF1840	BALL VALVE - FORGED
FAF1900	BALL VALVE - TRUNNION

VALVE TEST PRESSURE (Bar)		
MAX. OPERATING PRESSURE	BODY / SHELL TEST	SEAT TEST
CLASS 150 (PN 20)	30	22
CLASS 30 (PN 50)	75	55
CLASS 600 (PN 100)	90	66

100% of the valves are subjected to hydrostatic tests at FAF facilities.

MATERIAL SELECTION

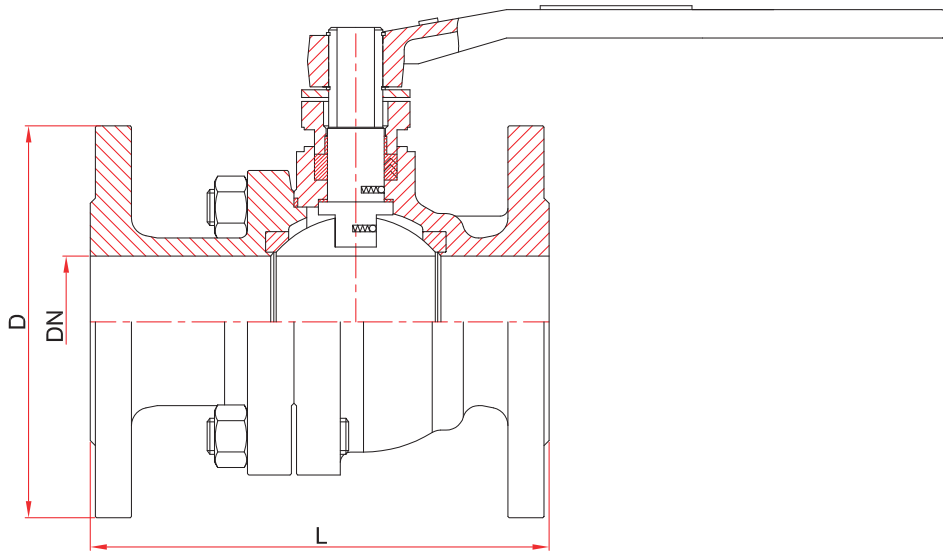
Body ASTM A-216 WCB Cast Steel
ASTM A-105 Forged Steel

Ball ASTM A-105 Forged Steel
1.4301 - AISI 420 Stainless Steel
1.4016 - AISI 430 Stainless Steel
1.4401 - AISI 316 Stainless Steel

Stem ASTM A-105 Forged Steel
1.4301 - AISI 304 Stainless Steel
1.4401 - AISI 316 Stainless Steel

Sealing PTFE
NYLON

Technical Details & Drawing, Dimensions



DN	NPS	CLASS 150		CLASS 300		CLASS 600	
		D	L	D	L	D	L
50	2	150	178	165	216	165	292
65	2 1/2	180	191	190	241	190	330
80	3	190	203	210	283	210	356
100	4	230	229	255	305	275	432
150	6	280	394	320	403	355	559
200	8	345	457	380	502	420	660
250	10	405	533	445	568	510	784