



FBAV

CAST STEEL BALL VALVE

GENERAL FEATURES

In ball valves, the essential element is a sphere with a hole in the middle. In the 90° rotation of this sphere, it is passed from the fully open position to the fully closed position. Ball valves are primarily used in places that open and close a lot or where it is required to open and close quickly. Its advantages are low pressure losses, easy opening and closing, good sealing, light weight and small footprint. Sealing; It consists of two stages as the sealing of the ball and the sealing of the shaft.

Material**Body:** A105/A182 F316**Sphere:** AISI316**Connections:** Threaded, Socket-Butt
Welded**Nominal Diameter:** DN15 (1/2") -
DN50 (2")**Pressure Class:** Class 800, Class 150**Temperature Range:** From -25°C'den
250°C according to material structure.**Applications**

- Heating-cooling lines
- food facilities
- Chemical industry
- Ship constructions
- Paper mills

ControlWith Arm, Gearbox, Electric-
Pneumatic Actuator

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Design

Design Standard:

- NSI B16.34

Connection:

- ANSI B16.11(SW)
- ANSI B1.20.1(NPT)
- ANSI B16.25(BW)

Test Standard:

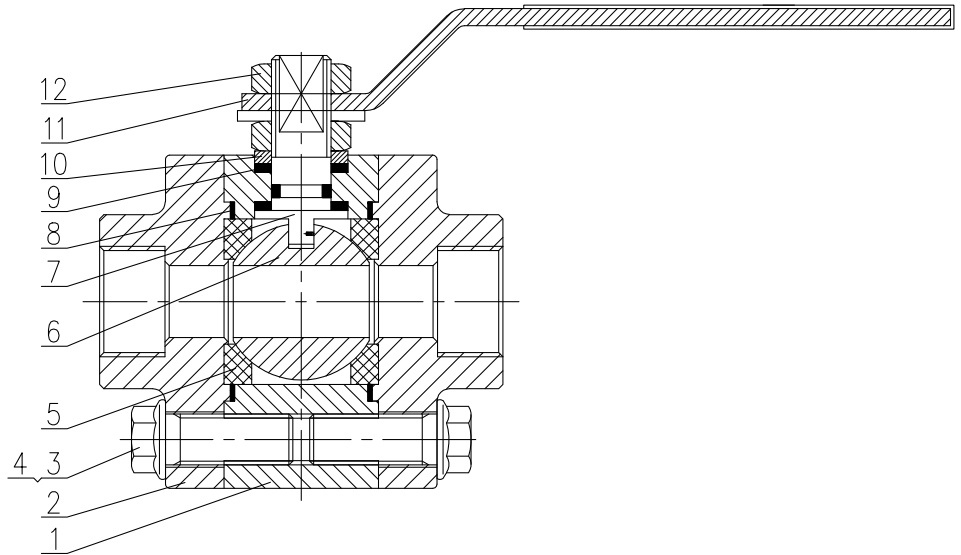
- API598

Size:

- DN15(1/2") - DN50(2")

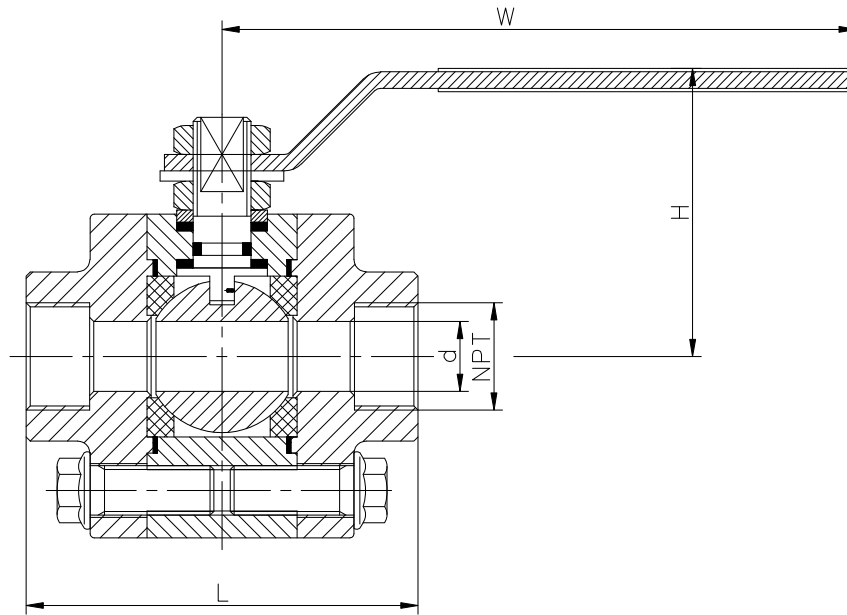
Pressure Class:

- Class 800 - Class 1500



STANDARD MODELS PART LIST			
NO	Part	FBAV-10	FBAV-20
1	Body	A105	A182 F316
2	Cover	A105	A182 F316
3	Cover Bolt	A193 B7	A193 B8
4	Cover Nut	A194 2H	A194 8
5	Seat	RPTFE	RPTFE
6	Sphere	SS316	SS316
7	Stem	A276 316	A276 316
8	Cover Gasket	SS316+Graphite	SS316+Graphite
9	Seal	Graphite	Graphite
10	Seal Flange	A105	A182 F316
11	Lever	Carbon Steel	Carbon Steel
12	Stem Nut	Carbon Steel	Stainless Steel

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FBAV CLASS 800 (SW, BW, NPT)					
DIA	DN	d	L	H	W
1/2"	15	13	92	68	130
3/4"	20	18	111	75	160
1"	25	24	127	92	220
1 1/4"	32	30	140	112	250
1 1/2"	40	38	152	118	250
2"	50	49	178	128	290

FBAV CLASS 1500 (SW, BW, NPT)					
DIA	DN	d	L	H	W
1/2"	15	13	92	68	130
3/4"	20	18	111	75	160
1"	25	24	127	92	220
1 1/4"	32	30	140	112	250
1 1/2"	40	38	152	118	250
2"	50	49	178	128	290



HEAD OFFICE - FACTORY

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