

PLUMBING

PRODUCT RANGE

50+
YEARS
OF
EXCELLENCE



Valves, Fittings & Boiler Mountings



Ball Valves

ATAM VALVES LIMITED



PLUMBING CATALOGUE

WHERE SAFETY & RELIABILITY COMES FIRST



**A LEADING
NAME IN
VALVE
DESIGN
&
MANUFACTURING**



ESTABLISHED IN
1972

STATE OF THE ART
TWO MANUFACTURING UNITS

DEDICATED & SKILLED WORKFORCE OF OVER
500 EMPLOYEES

ATAM is one of the leading manufacturer of Industrial & Plumbing Valves and Fittings, known for innovation and product quality. Mr Vimal Jain in 1972 established the parent company AMCO Industries, with an initiative of manufacturing automobile bushings in the brand name of 'AMCO'. In 1982 the organization has diversified from manufacturing of bushings to design, engineer and manufacturer of Industrial Valves under the brand "ATAM". In 1992 company further diversified its manufacturing to 'FEBI' make Ball Valves under the banner of FEBI Valves Pvt. Ltd.

To ensure the transparency and strength of the business operations towards its stake holders company got listed on "BSE (Bombay Stock Exchange)" in October 2020.

The advantage of advanced engineering capabilities and innovation has facilitated ATAM Valves to continuously expand offering of Industrial Valves and Fittings.

VIMAL JAIN
Chairman



Today, ATAM & FEBI make Gate, Globe, Check, Ball, Butterfly, Steam Traps, Boiler Mountings & Accessories and other Industrial Valves and Fittings are installed throughout the globe, to handle varied applications in steam, oil and gas, refining and petrochemicals, chemicals and pharmaceutical, marine, mining, water & wastewater, textile, sugar and HVAC industries. ATAM valves are engineered to handle service conditions at -192°C to 550°C and pressure upto 10000psi.

With a work force of more than 500 professionals and wide range of machining and testing facility, organization can efficiently handle large production lots to highly customized orders.

Manufacturing facilities are further complemented by a large sales and distribution network, offering quick access to our warehouses located across the India and other parts of the world.



ATAM's dedicated team backed with extensive experience and expertise in advanced design, simulation software and testing facilities, enables organization to find right solutions to any varied and complex customer needs.

AMIT JAIN
Managing Director

”

WHEN YOU'RE OUT OF
QUALITY
YOU'RE OUT OF
BUSINESS

Phil Crosby

ATAM VALVES - MANUFACTURING UNIT II

TOTAL COMMITMENT TO QUALITY



ATAM Valves is a recipient of
National Award for Quality Products
and

National Award for best efforts in Entrepreneurship

ATAM Valves is fully committed to its customer by offering the products that meet requirements and exceed the expectations.

The policy of total quality commitment has always kept ATAM at the leading position for maintaining the high industry standards.

ATAM holds all major industry certifications, including ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 and PED.

CERTIFICATIONS
ISO 9001
ISO 14001
ISO 45001
PED . IBR . ISI





CAST IRON



CAST STEEL



FORGED STEEL



STAINLESS STEEL



BRONZE



GUN METAL





ATAM is an integrated valve manufacturing facility having two manufacturing units backed with three foundries, exclusively to handle all kind of non-ferrous alloys (Brass, Bronze and Aluminium Bronze), Ductile and Cast Iron, Carbon Steel, Alloy Steel, Low Alloy Steel, Stainless Steel and Duplex and Super Duplex Stainless Steel.

ATAM has the latest state-of-the-art Machine shop equipped with CNC, VMC machines and special-purpose machines. With a work force of more than 500 professional and wide range of machining and testing facility, organization can efficiently handle large production to highly customized orders.

ATAM Valves is a recipient of National Award for Quality Products and National Award for best efforts in Entrepreneurship. ATAM Valves is fully committed to its customer by offering the products that meet requirements and exceed the expectations.

WAX INJECTION MOULDING



DIE PATTERN MAKING



CLEANING OF WAX MOULD



TREE MAKING



CREAMIC COATINGS



DE-WAXING





WAX MOULD



SHELL FIRED FURNACE



POURING



SPECTRO METER ANALYSIS



KNOCK OUT



SHOT BLASTING



PLASMA CUTTING



BELT GRINDING



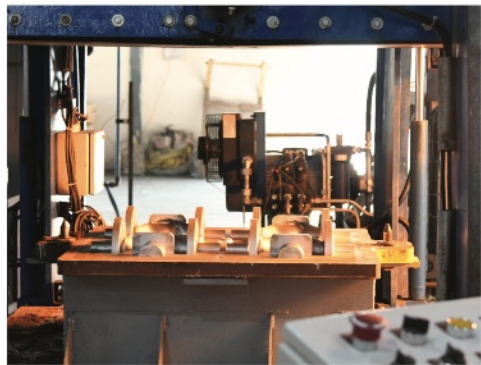
SS CASTINGS



CNC MACHINE SHOP



NO BAKE CASTING





SHOT BLASTING



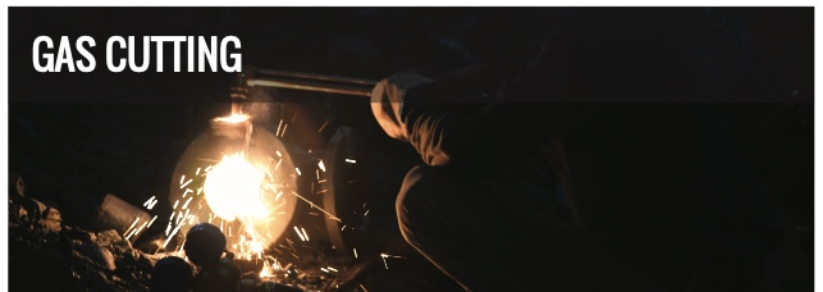
GRINDING & FETTLING



SAND HOPPERS

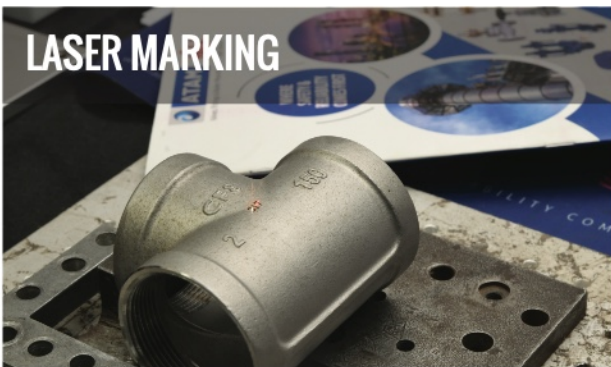
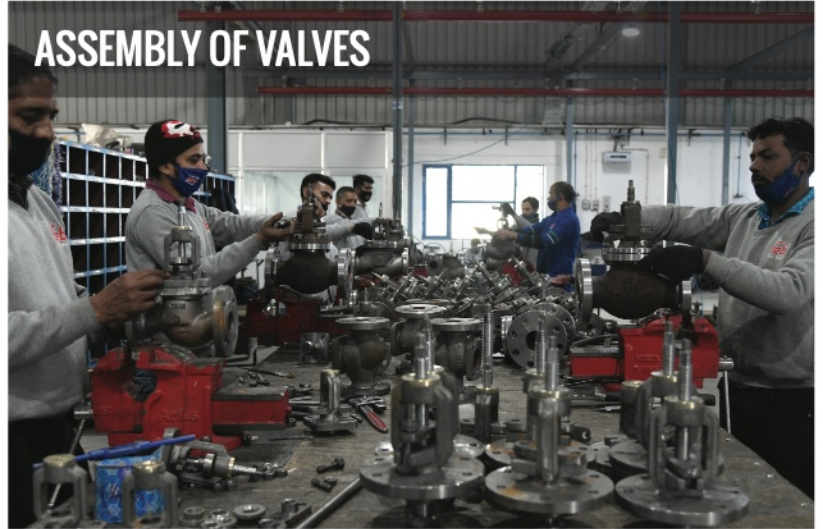


GAS CUTTING



LATHE MACHINING





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Complete Catalogue (PDF)



Note : These are a few products from our Plumbing range.

To explore our complete selection of Industrial and other valves, please visit our website at www.atamvalves.in or scan the QR code.

**ATAM**

Investment Casting Stainless Steel (CF8) Ball Valve Two Piece Design, Screwed Ends, PN-40

AV-505

Pressure / Class Rating	PN-40
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8)
Port Opening	Full Bore
Product Description	Two Piece Design, Lever Operated (Blow Out Proof Stem)
Type of Seat	Renewable Seat
Trim	Ball & Stem: Stainless Steel (AISI 304), PTFE Seats
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 60 Bar (Hyd.), Seat: 7 Bar (Air)



Suitable for

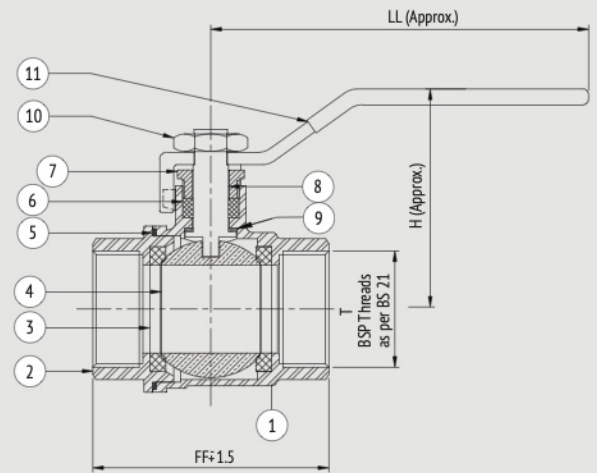
- Water
- Steam
- Gas
- Oil
- Air

Can be provided with Glass Filled PTFE, Graphite Blended PTFE & PEEK Seats on request.
Other screwed end specifications can be provided on request.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
2	Connector	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
3	Seat	2	PTFE	-
4	Ball	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
5	Gasket	1	PTFE	-
6	Packing	-	PTFE	-
7	Gland Nut	1	Stainless Steel	ASTM A 276 Type 304
8	Stem	1	Stainless Steel	ASTM A 276 Type 304
9	Stem Seal	1	PTFE	-
10	Stem Nut	1	Stainless Steel	ASTM A 276 Type 202
11	Lever	1	S.S. Sheet	-



Sizes & Dimensions

Size (mm)	FF	H	LL	T
8	48	40	90	1/4"
10	48	40	90	3/8"
15	56	50	99	1/2"
20	60	53	99	3/4"
25	66	68	117	1"
32	80	78	117	1.1/4"
40	89	81	153	1.1/2"
50	108	87	153	2"



Cast Iron Ball Valve Two Piece Design Screwed Ends, Class-125

FV-503

Product Standard	IS-9890
Pressure / Class Rating	Class-125
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 220)
Port Opening	Full Bore
Product Description	Two Piece Design, Lever Operated (Blow Out Proof Stem)
Type of Seat	Renewable Seat
Trim	Ball & Stem: Stainless Steel (AISI 304), PTFE Seats
End Details	Screwed Female Parallel Threads (IS:554)
Test Pressure	Body: 20.7 Bar (Hyd.), Seat: 15.2 Bar (Hyd.)



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

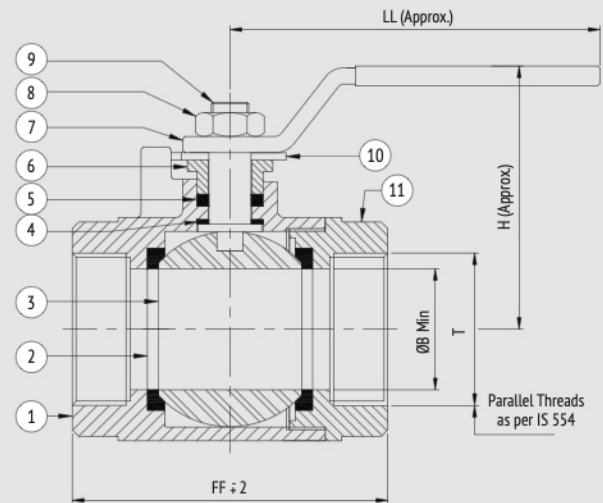


Suitable for steam service with specialized PTFE.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Iron	IS 210 Gr.FG220
2	Seat	2	PTFE	-
3	Ball	1	Stainless Steel	-
4	Stem Seal	1	PTFE	-
5	Packing	-	PTFE	-
6	Gland	1	Stainless Steel	IS 6603 Gr. 12 Cr. 12
7	Lever	1	Carbon Steel	with Plastic Sleeve
8	Lever Nut	1	Carbon Steel	-
9	Stem	1	Stainless Steel	IS 6603 Gr. 12 Cr. 12
10	Stopper	1	Carbon Steel	-
11	Body Connector	1	Cast Iron	IS 210 Gr. FG220



Sizes & Dimensions

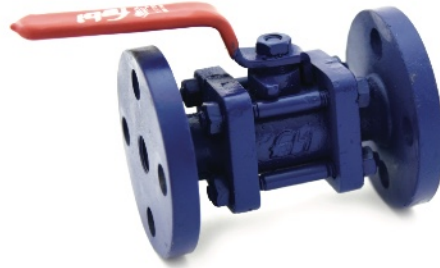
Size (mm)	FF	øB	H	LL	T
15	72	12.5	80	115	1/2"
20	79	18	87	135	3/4"
25	97	23	92	165	1"
32	106	30.5	98	180	1.1/4"
40	119	37	103	205	1.1/2"
50	136	50	110	205	2"
65	152	62.5	130	325	2.1/2"
80	189	75.5	140	325	3"
100	219	98	170	370	4"



Cast Iron Ball Valve Three Piece Design Flanged Ends

FV-504

Product Standard	IS-9890
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 220)
Port Opening	Full Bore
Product Description	Three Piece Design, Lever Operated (Blow Out Proof Stem)
Type of Seat	Renewable Seat
Trim	Ball & Stem: Stainless Steel (AISI 304), PTFE Seats
End Details	Flanges as per BS-10 Table-F (Undrilled)
Test Pressure	Body: 20.7 Bar (Hyd.), Seat: 15.2 Bar (Hyd.)



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

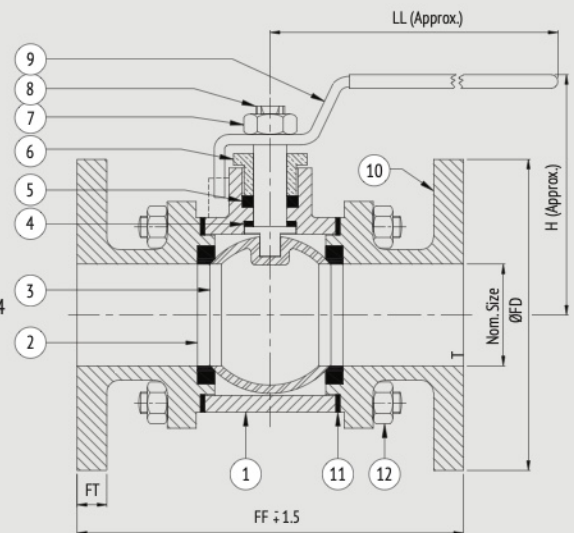


Suitable for steam service with specialized PTFE.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Iron	IS 210 Gr.FG220
2	Seat	2	PTFE	-
3	Ball	1	Stainless Steel	ASTM A351 Gr.CF8
4	Stem Seal	1	PTFE	-
5	Packing Ring	-	PTFE	-
6	Gland Nut	1	Gun Metal	BS EN 1982 Gr. CC 491K
7	Nut	1	Carbon Steel	-
8	Stem	1	Stainless Steel	ASTM A276 Type 410 / ASTM A276 Type 304
9	Lever	1	Carbon Steel	-
10	Body Connector	1	Cast Iron	IS 210 Gr.FG220
11	Gasket	1	PTFE	-
12	Studs / Bolts & Nuts	To Suit	Carbon Steel	-



Sizes & Dimensions

Size (mm)	FF	LL	H	ØFD	FT
15	129	120	70	95.3	12.7
20	129	120	70	101.6	12.7
25	151	125	82	120.7	12.7
32	161	155	82	133.4	15.9
40	173	172	105	139.7	15.9
50	207	216	117	165.1	19.1
65	218	321	140	184.2	19.1
80	247	321	147	203.2	19.1
100	283	368	166	228.6	22.3
150	394	570	-	304.8	25.4
200	460	740	-	368.3	28.6



Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8)
Port Opening	Full Bore
Product Description	Three Piece Design, Lever Operated (Blow Out Proof Stem)
Type of Seat	Renewable Seat
Trim	Ball & Stem: Stainless Steel (AISI 304), PTFE Seats
End Details	Flanged Ends as per ASME B16.5 Class-150 Raised Face (Drilled)
Test Pressure	Body: 30 Bar (Hyd.), Seat: 22 Bar (Hyd.), Seat: 7 Bar (Air)
Application Medium	Nitric Acid, Acetic Acid

Suitable for steam service with specialized PTFE.
Can be provided with Glass Filled PTFE, Graphite Blended PTFE & PEEK Seats on request.

Suitable for

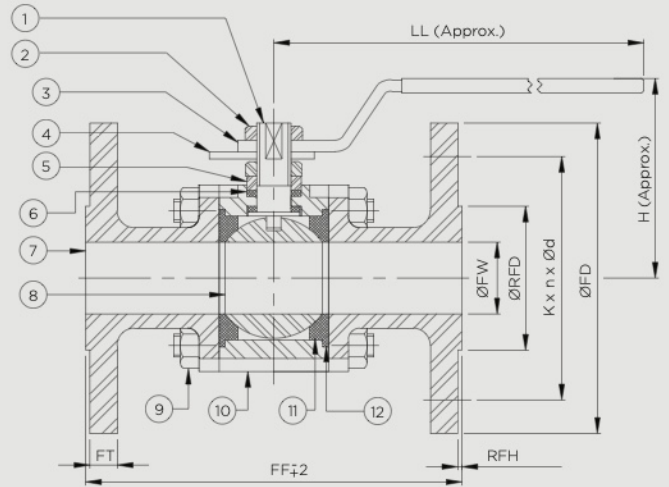
- Water
- Steam
- Gas
- Oil
- Air



HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1, 2	Stem, Nut	1	Stainless Steel	ASTM A 276 Type 304
3	Lever (Plastic Sleeve)	1	Carbon Steel	-
4	Stopper	1	Carbon Steel	-
5	Gland	1	Stainless Steel	ASTM A 276 Type 304
6	Packing Ring	-	PTFE	-
7	Body Connector	2	Cast Stainless Steel	ASTM A 351 Gr. CF8
8	Ball	1	Stainless Steel	ASTM A 351 Gr. CF8
9	Stud / Bolts & Nuts	To Suit	Alloy Steel	ASTM A 193 Gr. B7/B8
			H.T. Steel	ASTM A 194 Gr. 2H/8
10	Body	1	Cast Stainless Steel	AISI A 351 Gr. CF8
11, 12	Seat, Gasket	2	PTFE	-



K = P.C.D.
n = No. OF HOLES
ød = DIA. OF HOLES
(Holes are to be spot faced if back face of flange is not possible)

Sizes & Dimensions

Size (mm)	Size (inches)	FF	FT	øFW	øRFD	RFH	øFD	K	n	øD	LL	H
15	1/2"	108	8	11	34.9	2	90	60.3	4	5/8"	167	55
20	3/4"	117	8.9	17	42.9	2	100	69.9	4	5/8"	167	60
25	1"	127	9.6	23	50.8	2	110	79.4	4	5/8"	180	72
40	1.1/2"	165	12.7	37	73	2	125	98.4	4	5/8"	206	90
50	2"	178	14.3	49	92.1	2	150	120.7	4	3/4"	230	100
65	2.1/2"	190	15.9	62	104.8	2	180	139.7	4	3/4"	400	155
80	3"	203	17.5	74	127	2	190	152.4	4	3/4"	400	175
100	4"	229	22.3	98	157.2	2	230	190.5	8	3/4"	450	195



Bronze Ball Valve Two Piece Design Screwed Ends, PN-20

FV-501

Pressure / Class Rating	PN-20
Body Material Cum Standard	Bronze (BS EN 1982 Gr. CC491K)
Port Opening	Full Bore
Product Description	Two Piece Design, Lever Operated (Blow Out Proof Stem)
Type of Seat	Renewable Seat
Trim	Ball & Stem: Stainless Steel (AISI 304), PTFE Seats
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 500 Psig (Hyd.), Seat: 250 Psig (Hyd.)
Max. Working Pressure	150 Psig (Steam)



Suitable for

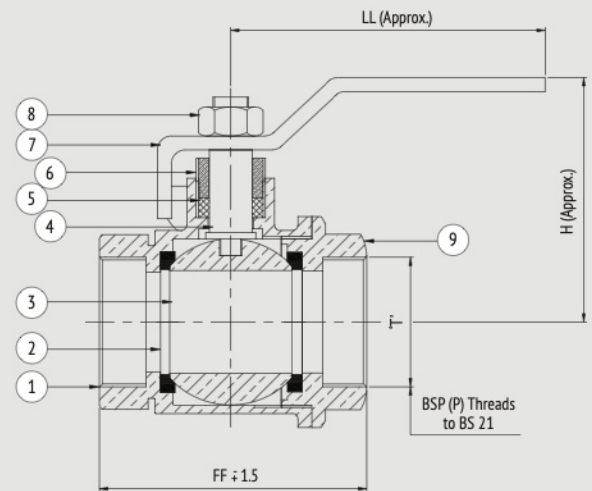
- Water
- Steam
- Gas
- Oil
- Air

Suitable for steam service with specialized PTFE.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Gun Metal / Bronze	BSEN 1982 Gr. CC491K
2	Seat	1	PTFE	-
3	Ball	1	Stainless Steel	AISI 304
4	Stem	1	Stainless Steel	AISI 304
5	Packing	1	PTFE	-
6	Gland	1	Gun Metal / Bronze	BSEN 1982 Gr. CC491K
7	Lever	1	Carbon Steel	PVC Coated
8	Lever Nut	1	Stainless Steel	AISI 410
9	Body Connector	1	Gun Metal	BSEN 1982 Gr. CC491K



Sizes & Dimensions

Size (mm)	FF ±1.5	H	LL	T
15	60	65	100	1/2"
20	68	64	115	3/4"
25	74	74	130	1"
32	86	87	150	1.1/4"
40	98	105	175	1.1/2"
50	119	110	205	2"
65	146	160	325	2.1/2"
80	158	190	380	3"
100	202	205	380	4"



Testing Standard	API-598
Pressure / Class Rating	PN-16
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8)
Product Description	Ball Valve With Strainer
Type of Seat	PTFE
Type of Disc	SS304 Ball
Trim	Stainless Steel (Type 304)
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 350 Psig (Hyd.), Seat: 255 Psig (Hyd.)



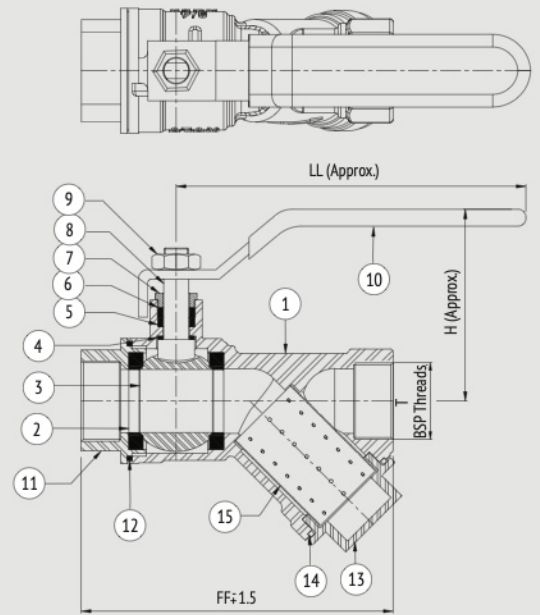
Suitable for

- Water
- Steam
- Gas
- Oil
- Air

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
2	Seat Ring	2	PTFE	-
3	Ball	1	Cast Carbon Steel	ASTM A 351 Gr. CF8
4	Stem Seal	1	PTFE	-
5	Gland Packing 1	1	PTFE	-
6	Gland Packing 2	2	PTFE	-
7	Gland Nut	1	Stainless Steel	ASTM A 276 Type 304
8	Stem	1	Stainless Steel	ASTM A 276 Type 304
9	Nut	1	Stainless Steel	ASTM A 276 Type 202
10	Lever	1	AISI 202 + PVC Grip	-
11	Connector	1	Cast Carbon Steel	ASTM A 351 Gr. CF8
12	Joint Ring	1	PTFE	-
13	Cover	1	Cast Carbon Steel	ASTM A 351 Gr. CF8
14	Gasket	1	PTFE	-
15	Screen	1	Stainless Steel	Type 304



Sizes & Dimensions

Size (mm)	FF	H	LL	T
20	98	62	112	3/4"

**ATAM**

Investment Casting Stainless Steel (CF8) Compact Pressure Reducing Valve, Screwed Ends, PN-16

IC-132

Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8) (SS 304)
Product Description	Compact Size, Diaphragm Type
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body : 24 kg/cm ² (Hyd.)
Max. Working Pressure	Max. Inlet Pressure : 16 kg/cm ² , Outlet Pressure Range : 1.5 - 5 kg/cm ²
Max. Working Temperature	45°C

- Diaphragm Type
- With in-built screen mesh to prevent dirt particles from entering internal parts, with easy attachment no need to remove the valve from pipeline for cleaning screen.
- With transparent bottom cap, dirt particles can be easily seen.
- In-built provision of installation of pressure gauge.
- Easy to operate and adjust.
- Constant set outlet pressure, irrespective of inlet pressure fluctuations in the line.

Also available in CF8M (SS 316)

HSN Code - 84811000



Suitable for

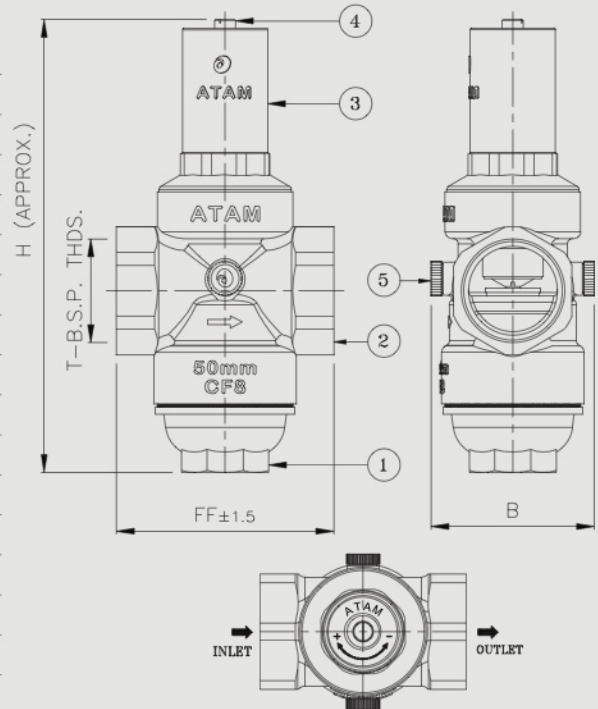
- Water
- Steam
- Gas
- Oil
- Air

Material Specification

S.No	Description	No.	Material	Specifications
1	Bottom Cap	1	Thermo Plastic (Transparent)	-
2	Body	1	C.S.S.	ASTM A 351 Gr. CF8 (SS 304)
3	Bonnet	1	Nylon 6 Based Material or Equivalent	
4	Adjusting Screw	1	S.S.	AISI 304
5	Plug	1	Nylon 6 Based Material or Equivalent	

Internal Components

Diaphragm & Seals	Nitrile
Internal Valve Disc Cartridge	High Quality Engineered Plastic
Filter Screen Mesh	S.S. (AISI 304)
Spring	S.S. (AISI 304)



Sizes & Dimensions

Size (mm)	Size (inches)	FF	H	B
15	1/2"	74	140	77
20	3/4"	78	140	77
25	1"	98	170	86
32	1.1/4"	102	170	86
40	1.1/2"	120	260	94
50	2"	125	260	94

**ATAM**

Ductile Iron Pressure Reducing Valve Flanged Ends, PN-16

AV-263A

Testing Standard	API-598
Pressure / Class Rating	PN-16
Body Material Cum Standard	Ductile Iron
Product Description	Diaphragm & Pilot Operated PRV, Bolted Bonnet
Trim	Stainless Steel (Type 304)
End Details	Flanged Ends
Test Pressure	Body:- 24 Bar (Hyd), Inlet Pressure 16 Bar & Outlet Pressure 16 Bar.



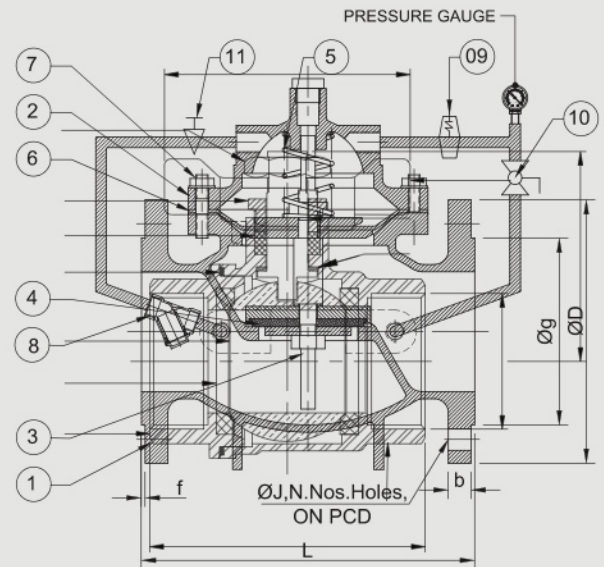
Suitable for

- Water
- Steam
- Gas
- Oil
- Air

HSN Code - 84811000

Material Specification

S.No	Description	Material
1	Body	Ductile Iron
2	Bonnet	Ductile Iron
3	Stem	S.S. 304
4	Seal Ring	NBR
5	Spring	S.S. 304
6	Diaphragm	NBR
7	Double End Bolt	S.S./ M.S.
8	Strainer	Stainless Steel
9	Pilot Valve	Stainless Steel
10	Ball Valve	Stainless Steel
11	Needle Valve	Stainless Steel



Sizes & Dimensions

Size	L	ØD	b	f	Øg	ØJ	N	PCD
Tolerance	±3mm	±2mm	±3mm	±0.5mm	±1mm	±0.8mm		±1.5mm
1.1/2" (40mm)	195	125	15.9	2	73	15.9	04	98.4
2" (50mm)	214.5	150	14.8	2	92.1	19.05	04	120.7
3" (80mm)	249	190	17.4	2	127	19.05	04	152.4
4" (100mm)	280	230	22.8	2	157.2	19.05	08	190.5
5" (125mm)	323	255	22.3	2	185.7	22.2	08	215.9
6" (150mm)	360	280	23.9	2	215.9	22.2	08	241.3
8" (200mm)	421	345	27	2	269.9	22.2	08	298.5
10" (250mm)	450	405	28.6	2	323.8	25.4	12	362
12" (300mm)	514	485	30.2	2	381	25.4	12	431.8
14" (350mm)	672	535	33.4	2	412.8	28.6	12	476.3
16" (400mm)	728	595	35	2	469.9	28.6	16	539.8
18" (450mm)	720	635	38.1	2	533.4	31.75	16	577.9
20" (500mm)	790	700	41.3	2	584.2	31.75	20	635
24" (600mm)	967	815	46.1	2	692.2	34.9	20	749.3

**ATAM**

Cast Stainless Steel Test Drain Ball Valve 300 PSI Screwed Ends

IC-31

Testing Standard	API-598
Pressure / Class Rating	PN-20
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8)
Product Description	PTFE Seat & SS304 Ball
Type of Seat	PTFE
Type of Disc	SS304 Ball
Trim	Stainless Steel (Type 304)
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 450 Psig (Hyd.), Seat: 330 Psig (Hyd.)



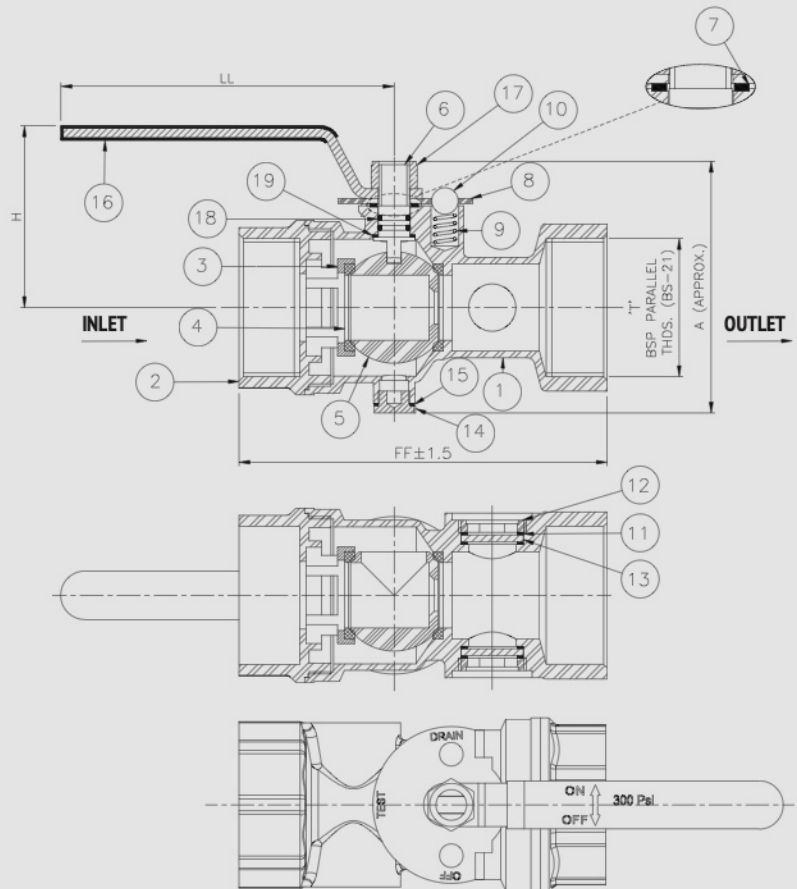
Suitable for

- Water
- Steam
- Gas
- Oil
- Air

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	C.S.S.	ASTM A 351 Gr. CF8
2	Connector	1	C.S.S.	ASTM A 351 Gr. CF8
3	Spacer	1	C.S.S.	ASTM A 351 Gr. CF8
4	Seat Ring	2	PTFE	-
5	Ball	1	C.S.S.	ASTM A 351 Gr. CF8
6	Stem	1	S.S.	ASTM A 276 Type 304
7	Plate Seal Ring	1	PTFE	-
8	Direction Locking Plate	1	S.S.	202 Sheet
9	Spring	1	S.S.	AISI 304
10	Locking Ball	1	S.S.	Polished
11	Glass Seal Ring	4	PTFE	-
12	Gland	2	S.S.	AISI 304
13	Transparent Glass	2	Acrylic	-
14	Drain Plug	1	S.S.	ASTM A 276 Type 304
15	Plug Seal Ring	1	PTFE	-
16	Lever	1	S.S.	202 Sheet (with PVC Grip)
17	Nyloc Nut	1	S.S.	AISI 304
18	O-Ring	2	EPDM	-
19	Stem Seal	1	PTFE	-



Sizes & Dimensions

Size (mm)	FF	A	H	LL	T
25	128.5	106	72	137	1"
32	128.5	106	72	137	1.1/4"
40	152	106	76	137	1.1/2"
50	152	106	76	137	2"

**ATAM**

Bronze Sight Flow Indicator Screwed Ends

AV-31

Body Material Cum Standard	Bronze (BS EN 1982 Gr. CC491K)
Product Description	Single Window with Toughened Glass
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 300 Psig (Hyd.)
Max. Working Pressure	150 Psig (Hyd.)



Suitable for

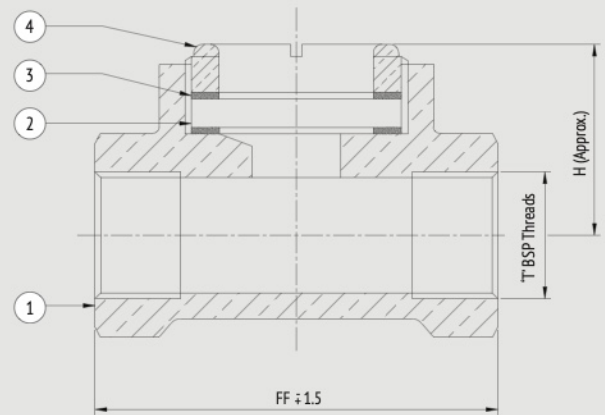
- Water
- Steam
- Gas
- Oil
- Air

Other screwed end specifications can be provided on request.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Bronze	BSEN 1982 Gr. CC491K
2	Window	1	Glass	Toughened
3	Gasket	2	C.A.F.	BS 1832 / IS 2712
4	Cover	1	Bronze	BSEN 1982 Gr. CC491K



Sizes & Dimensions

Size (mm)	FF	T	H
15	88	1/2"	28
20	92	3/4"	32
25	106	1"	33
32	110	1.1/4"	42
40	111	1.1/2"	42
50	115	2"	52

**ATAM**

Bronze Sight Flow Indicator with Moving Impeller Screwed Ends

AV-32

Body Material Cum Standard	Bronze (BS EN 1982 Gr. CC491K)
Product Description	Single Window with Toughened Glass & Moving Impeller
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 300 Psig (Hyd.)
Max. Working Pressure	150 Psig (Hyd.)

- Suitable for
- Water
 - Steam
 - Gas
 - Oil
 - Air

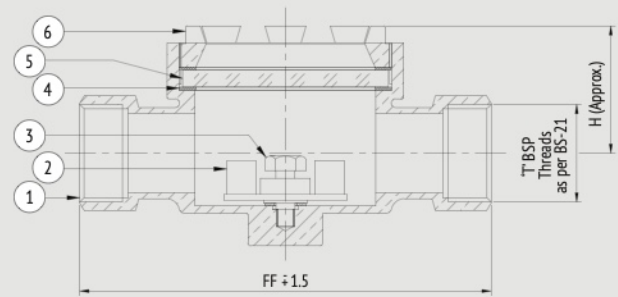


Other screwed end specifications can be provided on request.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Bronze	BSEN 1982 Gr. CC491K
2	Impeller	1	Plastic	-
3	Bolt	1	Brass	-
4	Gasket	2	C.A.F.	BS 1832
5	Window	1	Glass	Toughened
6	Cover	1	Bronze	BSEN 1982 Gr. CC491K



Sizes & Dimensions

Size (mm)	FF	T	H
15	105	1/2"	34
20	105	3/4"	34
25	140	1"	43
40	165	1.1/2"	51

**ATAM**

Cast Stainless Steel Float Valve PN-10

IC-39

Pressure / Class Rating	PN-10
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8) (SS 304)
Product Description	Investment Cast Body with Plastic / S.S. Ball
End Details	Screwed Male BSP Parallel Threads (BS-21)
Max. Working Pressure	10 kg/cm ²
Max. Working Temperature	60°C



Suitable for

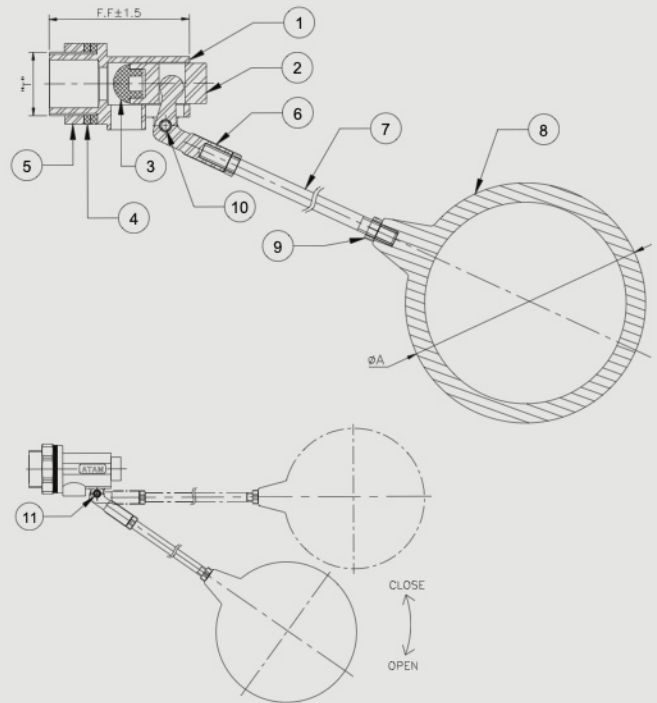
- Water
- Steam
- Gas
- Oil
- Air

Other screwed end specifications can be provided on request.

HSN Code - 84813000

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
2	Seal Guide	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
3	Seal	1	Rubber	-
4	Gasket	2	Rubber	-
5	Check Nut	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
6	Lever	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
7	Rod	1	Stainless Steel	AISI 202
8	Ball	1	Stainless Steel / Plastic	AISI 202 / -
9	Nut	2	Stainless Steel	AISI 202
10	Nut & Bolt	1	Stainless Steel	AISI 202
11	Spring Washer	1	Stainless Steel	AISI 202



Sizes & Dimensions

Size (mm)	Size (inches)	FF	ØA	T
15	1/2"	68	100	1/2"
20	3/4"	65	100	3/4"
25	1"	73	125	1"

**ATAM**

Cast Stainless Steel Air Vent Valve Screwed Ends, PN-10

IC-33

Pressure / Class Rating	PN-10
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8) (SS 304)
Product Description	Investment Cast Body with Plastic Float
End Details	Screwed Male BSP Parallel Threads (BS-21)
Max. Working Pressure	10 Bar (Hyd.)
Max. Working Temperature	80°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

Other screwed end specifications can be provided on request.

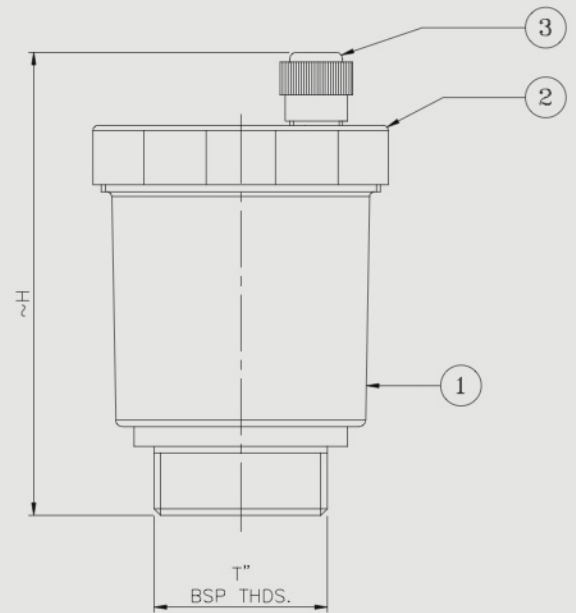
HSN Code - 84813000

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
2	Cover	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
3	Cap	1	Polypropylene	-

Internal Components

O-Ring	1	Rubber
Disc	1	Polypropylene
Float	1	Polypropylene
Nipple	-	S.S. (Type 304)



Sizes & Dimensions

Size (mm)	Size (inches)	H	T
15	1/2"	75	1/2"
20	3/4"	75	3/4"
25	1"	80	1"

**ATAM**

Cast Iron Kinetic Type Air Release Valve Flanged Ends

AV-128

Product Standard	IS-14845
Pressure / Class Rating	PN-1.0
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 200)
Product Description	Double Ball Type
End Details	Flanged Ends as per IS:1538 PN-1.0 Flat Face (Drilled)
Test Pressure	Body: 1.5 Mpa (Hyd.), Seat: 1.0 Mpa (Hyd.)



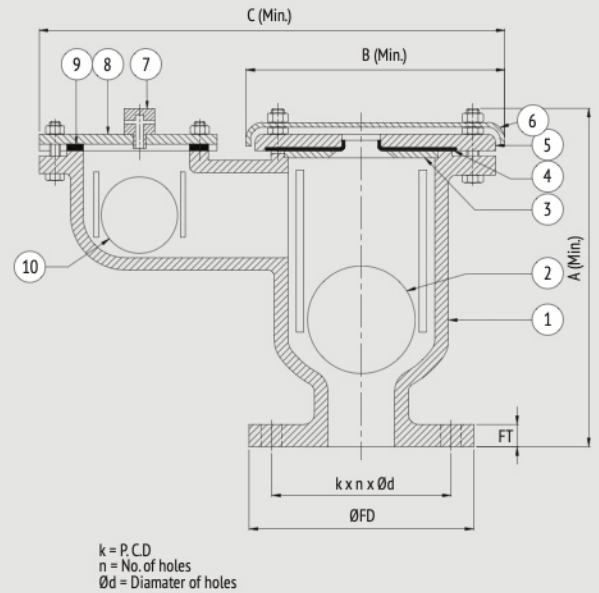
Suitable for

- Water
- Steam
- Gas
- Oil
- Air

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Iron	IS 210 Gr.FG200
2	LP Float	1	Rubber Coated Wood	-
3	Joint Support Ring	1	Cast Iron	IS 210 Gr.FG200
4	LP Seat Ring	1	Neoprene Rubber	-
5	LP Cover	1	Cast Iron	IS 210 Gr.FG200
6	Splash Cover	1	Cast Iron	IS 210 Gr.FG200
7	HP Orifice	1	Bronze	IS 318 Gr.LTB2
8	HP Cover	1	Cast Iron	IS 210 Gr.FG200
9	Gasket	-	Rubber	IS 638 Type B
10	HP Float	1	Rubber Coated Wood / S.S.	-



Sizes & Dimensions

Size (mm)	A	B	C	ØFD	FT	k	n	Ød
15	280	211	352	165	16	125	4	19
20	305	236	373	200	21	160	4	19
25	360	280	424	220	22	180	8	19
32	487	450	674	285	23	240	8	23
40	700	506	739	340	24.5	295	8	23

**ATAM**

Cast Iron Butterfly Valve with Stainless Steel Disc Class-125

AV-96A

Product Standard	IS-13095
Testing Standard	IS-13095
Pressure / Class Rating	Class-125
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG200)
Product Description	Wafer Type, without Lugs
Type of Seat	Renewable Liner
Trim	EPDM Liner, Disc: Stainless Steel (CF8), Stem: 13% Cr. (SS 410)
End Details	Suitable for Insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E
Test Pressure	Body: 300 Psig (Hyd.), Seat: 200 Psig (Hyd.)
Max. Working Temperature	80°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

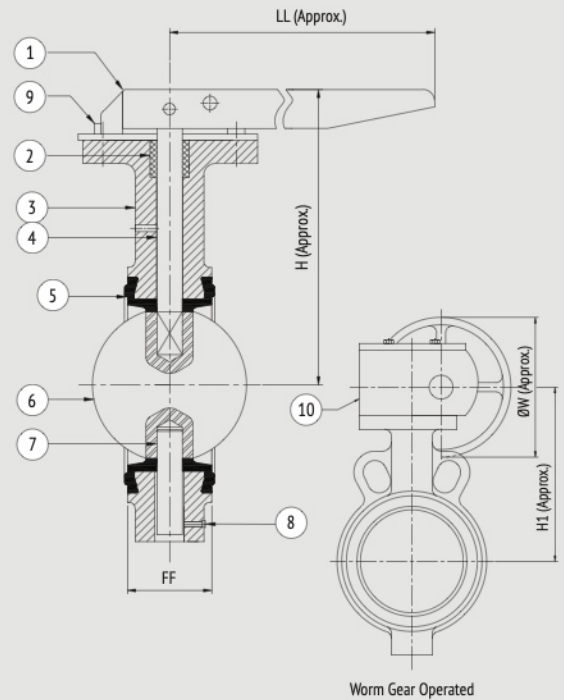


Face-to-Face dimensions are from the metal surface.
Valves Sizes 8" & above are available with Gear Arrangement.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Lever Assembly	1	D.I.	-
2	Packing Ring	1	PTFE	-
3	Body	1	C.I.	IS 210 Gr.FG200
4	Upper Stem	1	Stainless Steel	ASTM A 276 Type 410
5	Body Liner	1	EPDM (Renewable Liner)	-
6	Disc	1	C.S.S.	ASTM A 351 Gr. CF8
7	Lower Stem	1	Stainless Steel	ASTM A 276 Type 410
8	L-Key Screw	2	Carbon Steel	-
9	L-Key Bolt	2	Carbon Steel	-
10	Gear Box	1	C.I.	IS 210 Gr.FG200



Sizes & Dimensions

Size (mm)	FF	LL	H	H1	ØW
40	33	208	128	-	-
50	43	208	140	-	-
65	46	208	155	-	-
80	46	257	165	-	-
100	52	257	180	-	-
125	56	257	200	-	-
150	56	257	210	-	-
200	60	-	-	305	200
250	68	-	-	350	200
300	78	-	-	400	200

**ATAM**

Cast Iron Butterfly Valve with S.G Iron Disc Class-125

AV-96B

Product Standard	IS-13095
Testing Standard	IS-13095
Pressure / Class Rating	Class-125
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG200)
Product Description	Wafer Type, without Lugs
Type of Seat	Renewable Liner
Trim	EPDM Liner, Disc: S.G Iron, Stem: 13% Cr. (SS 410)
End Details	Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E
Test Pressure	Body: 300 Psig (Hyd.), Seat: 200 Psig (Hyd.)
Max. Working Temperature	80°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

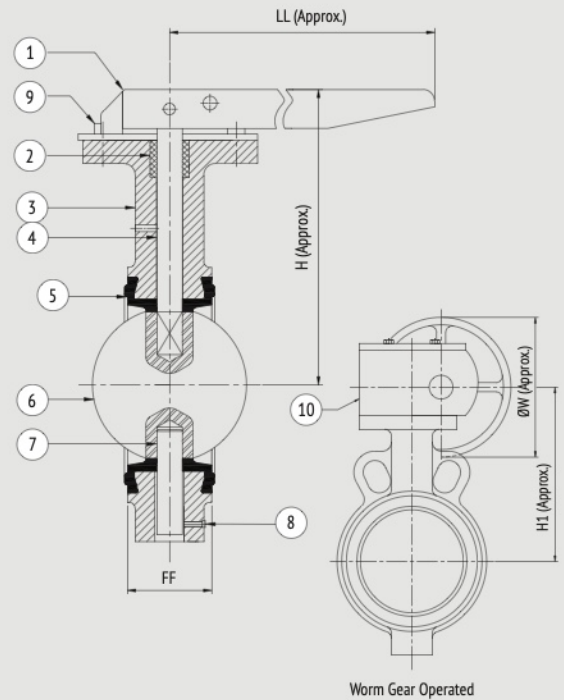


Face-to-Face dimensions are from the metal surface.
Valves Sizes 8" & above are available with Gear Arrangement.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Lever Assembly	1	D.I.	-
2	Packing Ring	1	PTFE	-
3	Body	1	C.I.	IS 210 Gr.FG200
4	Upper Stem	1	Stainless Steel	ASTM A 276 Type 410
5	Body Liner	1	EPDM (Renewable Liner)	-
6	Disc	1	S.G. Iron	EN 1563 Gr. GJL 400 15
7	Lower Stem	1	Stainless Steel	ASTM A 276 Type 410
8	L-Key Screw	1	Carbon Steel	-
9	L-Key Bolt	2	Carbon Steel	-
10	Gear Box	2	C.I.	IS 210 Gr.FG200



Sizes & Dimensions

Size (mm)	FF	LL	H	H1	ØW
40	33	208	128	-	-
50	43	208	140	-	-
65	46	208	155	-	-
80	46	257	165	-	-
100	52	257	180	-	-
125	56	257	200	-	-
150	56	257	210	-	-
200	60	-	-	305	200
250	68	-	-	350	200
300	78	-	-	400	200

**ATAM**

Cast Iron Butterfly Valve with S.G Iron Disc PN-16

AV-96D

Product Standard	IS-13095
Testing Standard	IS-13095
Pressure / Class Rating	PN-16
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG200)
Product Description	Wafer Type, without Lugs
Type of Seat	Integrally Moulded Liner
Trim	EPDM Liner, Disc: S.G Iron, Stem: 13% Cr. (SS 410)
End Details	Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E
Test Pressure	Body: 350 Psig (Hyd.), Seat: 255 Psig (Hyd.)
Max. Working Temperature	80°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

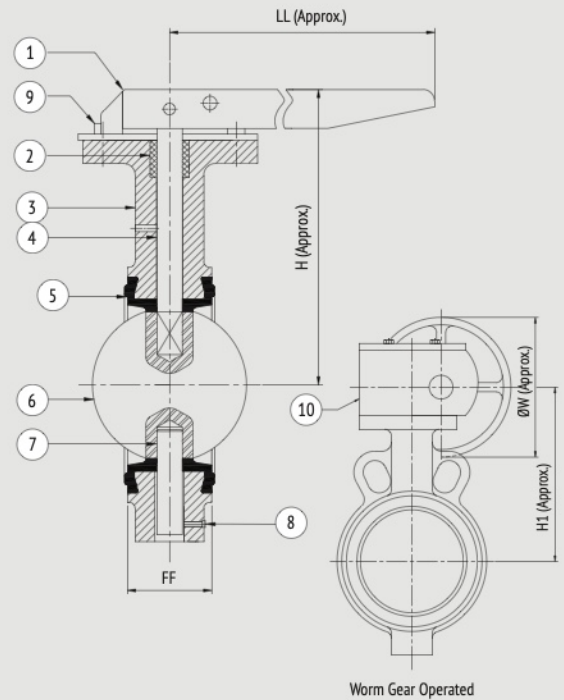


Face-to-Face dimensions are from the metal surface.
Valves Sizes 8" & above are available with Gear Arrangement.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Lever Assembly	1	D.I.	-
2	Packing Ring	1	PTFE	-
3	Body	1	C.I.	IS 210 Gr.FG200
4	Upper Stem	1	Stainless Steel	ASTM A 276 Type 410
5	Body Liner	2	EPDM (Integrally Moulded)	-
6	Disc	1	S.G. Iron	EN 1563 Gr. GJL 400 15
7	Lower Stem	1	Stainless Steel	ASTM A 276 Type 410
8	L-Key Screw	1	Carbon Steel	-
9	L-Key Bolt	2	Carbon Steel	-
10	Gear Box	1	C.I.	IS 210 Gr.FG200



Sizes & Dimensions

Size (mm)	FF	LL	H	H1	ØW
40	33	208	128	-	-
50	43	208	140	-	-
65	46	208	155	-	-
80	46	257	165	-	-
100	52	257	180	-	-
125	56	257	200	-	-
150	56	257	210	-	-
200	60	-	-	305	200
250	68	-	-	350	200
300	78	-	-	400	200

**ATAM**

Cast Iron Butterfly Valve with Stainless Steel Disc PN-16

AV-96E

Product Standard	IS-13095
Testing Standard	IS-13095
Pressure / Class Rating	PN-16
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG200)
Product Description	Wafer Type, without Lugs
Type of Seat	Integrally Moulded Liner
Trim	EPDM Liner, Disc: Stainless Steel (CF8), Stem: 13% Cr. (SS 410)
End Details	Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E
Test Pressure	Body: 350 Psig (Hyd.), Seat: 255 Psig (Hyd.)
Max. Working Temperature	80°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

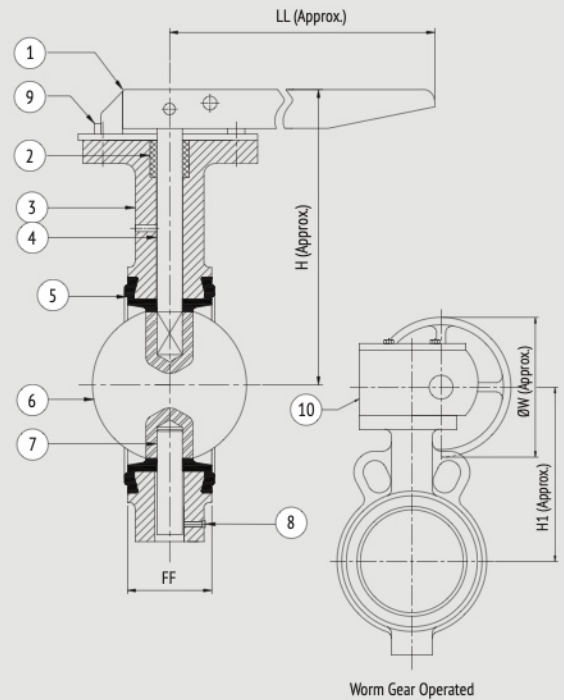


Face-to-Face dimensions are from the metal surface.
Valves Sizes 8" & above are available with Gear Arrangement.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Lever Assembly	1	D.I.	-
2	Packing Ring	1	PTFE	-
3	Body	1	C.I.	IS 210 Gr.FG200
4	Upper Stem	1	Stainless Steel	ASTM A 276 Type 410
5	Body Liner	2	EPDM (Integrally Moulded)	-
6	Disc	1	C.S.S.	ASTM A351 Gr. CF8
7	Lower Stem	1	Stainless Steel	ASTM A 276 Type 410
8	L-Key Screw	1	Carbon Steel	-
9	L-Key Bolt	2	Carbon Steel	-
10	Gear Box	1	C.I.	IS 210 Gr.FG200



Sizes & Dimensions

Size (mm)	FF	LL	H	H1	ØW
40	33	208	128	-	-
50	43	208	140	-	-
65	46	208	155	-	-
80	46	257	165	-	-
100	52	257	180	-	-
125	56	257	200	-	-
150	56	257	210	-	-
200	60	-	-	305	200
250	68	-	-	350	200
300	78	-	-	400	200

**ATAM**

Cast Iron Wafer Type Butterfly Valve with D.I. Disc PN-25

AV-96F

Testing Standard	IS-13095
Pressure / Class Rating	PN-25
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG200)
Product Description	Wafer Type, without Lugs
Type of Seat	Integrally Moulded Liner
Trim	EPDM Liner, Disc: S.G.Iron, Stem: 13% Cr. (SS 410)
End Details	Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DI ND-10 & BS-10 Table-E
Test Pressure	Body: 545 Psig (Hyd.), Seat: 400 Psig (Hyd.)



Suitable for

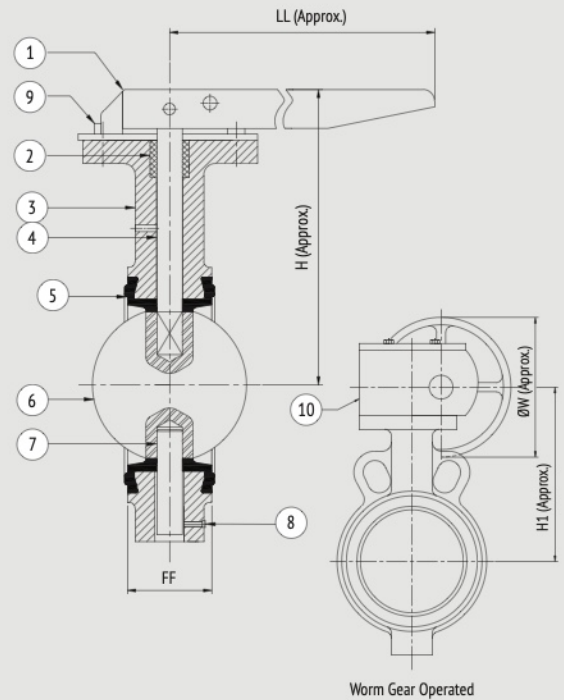
- Water
- Steam
- Gas
- Oil
- Air

Face-to-Face dimensions are from the metal surface.
Valves Sizes 8" & above are available with Gear Arrangement.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Lever Assembly	1	D.I.	-
2	Packing Ring	1	PTFE	-
3	Body	1	C.I.	IS 210 Gr.FG200
4	Upper Stem	1	Stainless Steel	ASTM A 276 Type 410
5	Body Liner	1	EPDM (Integrally Moulded)	-
6	Disc	1	S.G. Iron	EN 1563 Gr. GJL 400 15
7	Lower Stem	1	Stainless Steel	ASTM A 276 Type 410
8	L-Key Screw	1	Carbon Steel	-
9	L-Key Bolt	2	Carbon Steel	-
10	Gear Box	1	C.I.	IS 210 Gr.FG200



Sizes & Dimensions

Size (mm)	FF±2	LL	H	H1	ØW
40	33	208	128	-	-
50	43	208	140	-	-
65	46	208	155	-	-
80	46	257	165	-	-
100	52	257	180	-	-
125	56	257	200	-	-
150	56	257	210	-	-
200	60	-	-	305	200
250	68	-	-	350	200
300	78±3	-	-	400	200

**ATAM**

Cast Iron Wafer Type Butterfly Valve with CF8 Disc PN-25

AV-96G

Product Standard	IS-13095
Testing Standard	IS-13095
Pressure / Class Rating	PN-25
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG200)
Product Description	Wafer Type, without Lugs
Type of Seat	Integrally Moulded Liner
Trim	EPDM Liner, Disc: Stainless Steel (CF8), Stem: 13% Cr. (SS 410)
End Details	Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E
Test Pressure	Body: 545 Psig (Hyd.), Seat: 400 Psig (Hyd.)



Suitable for

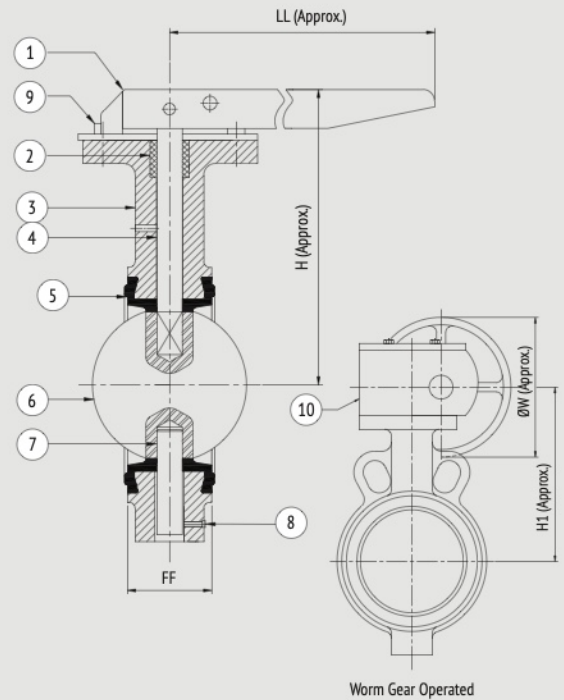
- Water
- Steam
- Gas
- Oil
- Air

Face-to-Face dimensions is from the metal surface.
Valves Sizes 8" & above are available with Gear Arrangement.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Lever Assembly	1	D.I.	-
2	Packing Ring	1	PTFE	-
3	Body	1	C.I.	IS 210 Gr. FG200
4	Upper Stem	1	Stainless Steel	ASTM A 276 Type 410
5	Body Liner	1	EPDM (Integrally Moulded)	-
6	Disc	1	C.S.S.	ASTM A 351 Gr. CF8
7	Lower Stem	1	Stainless Steel	ASTM A 276 Type 410
8	L-Key Screw	1	Carbon Steel	-
9	L-Key Bolt	2	Carbon Steel	-
10	Gear Box	1	C.I.	IS 210 Gr. FG200



Sizes & Dimensions

Size (mm)	FF±2	LL	H	H1	ØW
40	33	208	128	-	-
50	43	208	140	-	-
65	46	208	155	-	-
80	46	257	165	-	-
100	52	257	180	-	-
125	56	257	200	-	-
150	56	257	210	-	-
200	60	-	-	305	200
250	68	-	-	350	200
300	78±3	-	-	400	200

**ATAM**

Cast Steel Butterfly Valve with CF8 Disc, Wafer Type PN-40

AV-96C

Product Standard	BS EN-593
Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-40
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr.WCB)
Product Description	Wafer Type, without Lugs
Type of Seat	Renewable Liner
Trim	EPDM Liner, Disc: Stainless Steel (CF8), Stem: 13% Cr. (SS 410)
End Details	Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E
Test Pressure	Body: 870 Psig (Hyd.), Seat: 640 Psig (Hyd.)



Suitable for

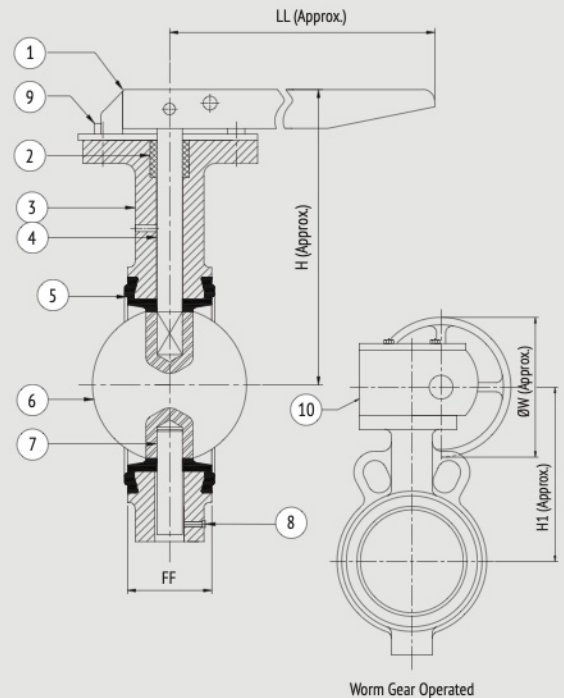
- Water
- Steam
- Gas
- Oil
- Air

Face-to-Face dimensions are from the metal surface.
Valves Sizes 8" & above are available with Gear Arrangement.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Lever Assembly	1	D.I.	-
2	Packing	-	PTFE	-
3	Body	1	C.S.S.	ASTM A 216 Gr.WCB
4	Upper Stem	1	Stainless Steel	ASTM A 276 Type 410
5	Body Liner	2	EPDM (Renewable Liner)	-
6	Disc	1	C.S.S.	ASTM A 351 Gr.CF8
7	Lower Stem	1	Stainless Steel	ASTM A 276 Type 410
8	L-Key Screw	1	Carbon Steel	-
9	L-Key Bolt	2	Carbon Steel	-
10	Gear Box	1	C.I.	IS 210 Gr.FG200



Sizes & Dimensions

Size (mm)	FF	LL	H	H1	ØW
40	33	208	128	-	-
50	43	208	140	-	-
65	46	208	155	-	-
80	46	257	165	-	-
100	52	257	180	-	-
125	56	257	200	-	-
150	56	257	210	-	-
200	63	-	-	305	200
250	72	-	-	350	200
300	82	-	-	400	200

**ATAM**

Aluminium Butterfly Valve, Wafer type with CF8 Disc Lever Operated, PN-10

AV-96I

Testing Standard	IS13095
Pressure / Class Rating	PN-10
Body Material Cum Standard	Cast Aluminium
Product Description	Wafer Type, without Lugs
Type of Seat	Integrally Moulded Liner
Trim	EPDM Liner, Disc: Stainless Steel (CF8), Stem: 13% Cr. (SS 410)
End Details	Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E
Test Pressure	Body: 220 Psig (Hyd.), Seat: 160 Psig (Hyd.)



Suitable for

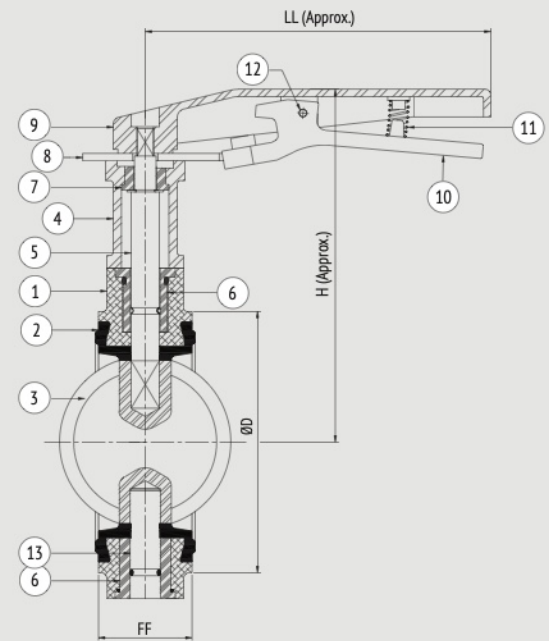
- Water
- Steam
- Gas
- Oil
- Air

Face-to-Face dimensions are from the metal surface.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Aluminium Pressure Die Cast	IS 617 94 Gr. LM 2
2	Body Liner	1	Integrally Moulded EPDM / NBR	-
3	Disc	1	C.S.S	ASTM A 351 Gr.CF8
4	Bonnet	1	C.C.S. / C.S.S.	ASTM A 216 Gr.WCB / ASTM A 351 Gr.CF8
5	Upper Stem	1	Stainless Steel	ASTM A 276 Type 410
6	Big Bush	2	Nylon	-
7	Small Bush	1	Nylon	-
8	Locking Plate	1	Aluminium	-
9	Handle	1	Aluminium	-
10	Lever	1	Aluminium	-
11	Spring	1	S.S. 304	-
12	Pin	1	S.S. 304	-
13	Lower Stem	1	S.S.	ASTM A 276 Type 410



Sizes & Dimensions

Size (mm)	FF±2	LL	H	ØD
40	33	180	172	80
50	43	180	176	93
65	46	180	185	118
80	46	180	193	129
100	52	180	204	149
125	56	230	249	184
150	56	230	261	214
200	60	350	281	258

**ATAM**

Aluminium Butterfly Valve, Wafer type with CF8 Disc Lever Operated, PN-16

AV-96J

Testing Standard	IS13095
Pressure / Class Rating	PN-16
Body Material Cum Standard	Cast Aluminium
Product Description	Wafer Type, without Lugs
Type of Seat	Integrally Moulded Liner
Trim	EPDM Liner, Disc: Stainless Steel (CF8), Stem: 13% Cr. (SS 410)
End Details	Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E
Test Pressure	Body: 350 Psig (Hyd.), Seat: 255 Psig (Hyd.)



Suitable for

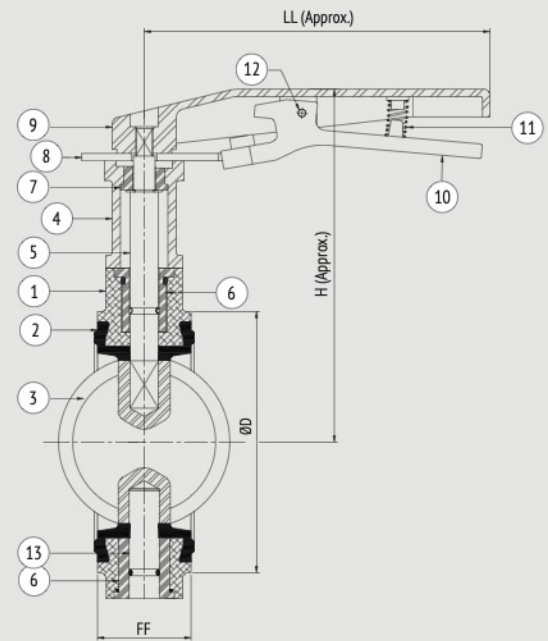
- Water
- Steam
- Gas
- Oil
- Air

Face-to-Face dimensions are from the metal surface.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Aluminium Pressure Die Cast	IS 617 94 Gr. LM 2
2	Body Liner	1	Integrally Moulded EPDM / NBR	-
3	Disc	1	C.S.S	ASTM A 351 Gr.CF8
4	Bonnet	1	C.C.S. / C.S.S.	ASTM A 216 Gr.WCB / ASTM A 351 Gr.CF8
5	Upper Stem	1	Stainless Steel	ASTM A 276 Type 410
6	Big Bush	2	Nylon	-
7	Small Bush	1	Nylon	-
8	Locking Plate	1	Aluminium	-
9	Handle	1	Aluminium	-
10	Lever	1	Aluminium	-
11	Spring	1	S.S. 304	-
12	Pin	1	S.S. 304	-
13	Lower Stem	1	S.S.	ASTM A 276 Type 410



Sizes & Dimensions

Size (mm)	FF±2	LL	H	ØD
40	33	180	172	80
50	43	180	176	93
65	46	180	185	118
80	46	180	193	129
100	52	180	204	149
125	56	230	249	184
150	56	230	261	214
200	60	350	281	258

**ATAM**

Cast Iron Dual Plate Check Valve Class-125

AV-131

Product Standard	API-594
Testing Standard	API-598
Pressure / Class Rating	Class-125
Body Material Cum Standard	Cast Iron (BS EN 1561 Gr.GIL 220)
Product Description	Wafer Type, Spring Loaded
Type of Seat	Resilient Seated
Trim	Spring: SS 316, Disc - Ductile Iron, Seat: EPDM / Nitrile
End Details	Suitable for clamping between Flanges as per ASME / ANSI B 16.1, Class-125
Test Pressure	Body: 20.7 Bar (Hyd.), Seat: 15.2 Bar (Hyd.)



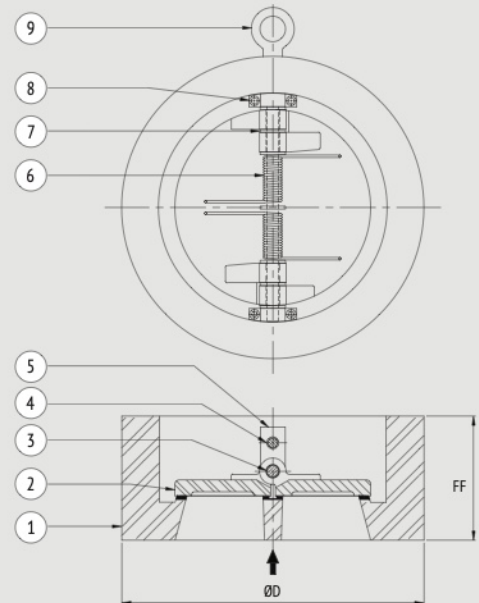
Suitable for

- Water
- Steam
- Gas
- Oil
- Air

HSN Code - 84813000

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Iron	BS EN 1561 Gr. GIL 220
2	Disc	2	Ductile Iron	EN 1563 Gr.GIL 400 15
3	Disc Holding Pin	1	Stainless Steel	AISI 410
4	Stopper Pin	1	Stainless Steel	AISI 410
5	Disc Holding Plate	2	Cast Iron	BS EN 1561 Gr. GIL 220
6	Spring	2	Stainless Steel	AISI 316
7	Bush	2	Stainless Steel	AISI 316
8	L-Key Screw	4	Carbon Steel	-
9	Eye Bolt	1	Carbon Steel	-



Sizes & Dimensions

Size (mm)	FF	ØD
50	54	101
65	60	119
80	67	130
100	67	170
125	83	191
150	95	214
200	127	273

**ATAM**

S.G. Iron Dual Plate Check Valve, with S.S. Disc PN-25

AV-131B

Testing Standard	API-598
Pressure / Class Rating	PN-25
Body Material Cum Standard	S.G. Iron (EN1563 Gr. GJS-400-15)
Product Description	Wafer Type, Spring Loaded
Type of Seat	Resilient Seated
Trim	Spring: SS 304, Disc - SS 304, Seat: EPDM / Nitrile
End Details	Suitable for clamping between Flanges as per ASME / ANSI B 16.1, Class-150
Test Pressure	Body: 37.5 Bar (Hyd.), Seat: 27.5 Bar (Hyd.)



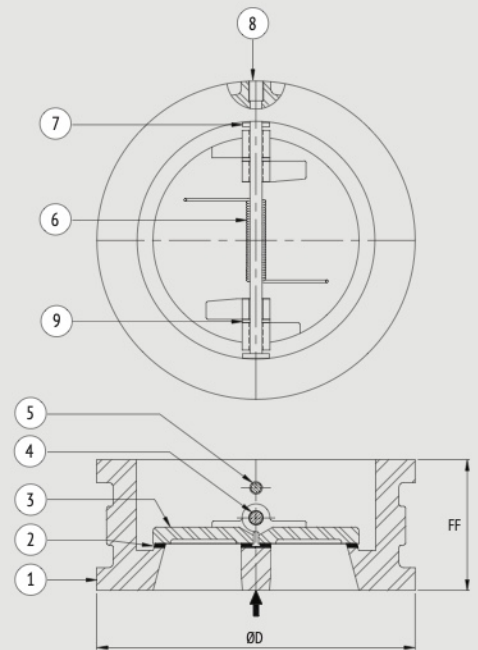
Suitable for

- Water
- Steam
- Gas
- Oil
- Air

HSN Code - 84813000

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	S.G. Iron	EN 1563 Gr.GJL 400 15
2	Seat	1	EPDM	-
3	Disc	2	C.S.S.	ASTM A351 Gr. CF8
4	Disc Holding Pin	1	Stainless Steel	Type 410
5	Stopper Pin	1	Stainless Steel	Type 410
6	Spring	To Suit	AISI 304	-
7	Bush	To Suit	EPDM / Nitrile	-
8	L-Key Plug	4	M.S. (Chrome Plated)	-
9	Washer	To Suit	AISI 304	-



Sizes & Dimensions

Size (mm)	FF±2	ØD±3
50	54	95
65	54	110
80	57	130
100	64	160
125	70	188
150	76	212
200	95	272

**ATAM**

Cast Iron Reflex (Non-Return) Valve Flanged Ends, PN-1.0

AV-119

Product Standard	IS-5312 (Part-1)
Pressure / Class Rating	PN-1.0
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 200)
Product Description	Bolted Cover
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	Cu-Alloy
Seat Facing	Rubber Facing
End Details	Flanged Ends as per IS:1538 PN-1.0 Flat Face (Drilled)
Test Pressure	Body: 1.5 Mpa (Hyd.), Seat: 1.0 Mpa (Hyd.)
Max. Working Temperature	45°C



Suitable for

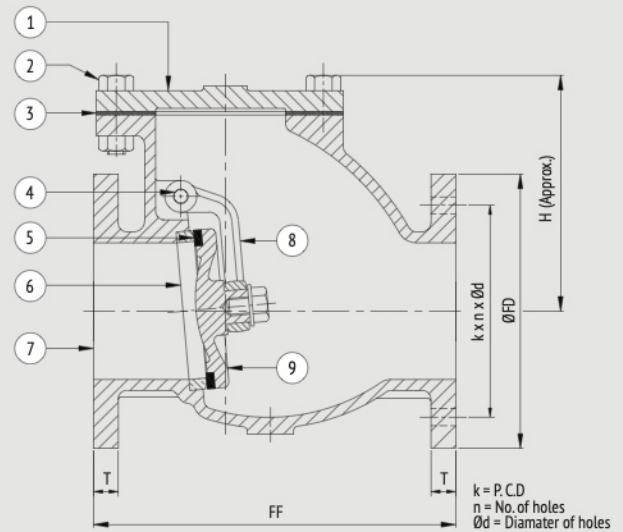
- Water
- Steam
- Gas
- Oil
- Air



HSN Code - 84813000

Material Specification

S.No	Description	No.	Material	Specifications
1	Cover	1	Cast Iron	IS 210 Gr.FG200
2	Bolts & Nuts	To Suit	Carbon Steel	IS 1363 (Part 1) / IS 1363 (Part 3)
3	Gasket	1	Rubber	IS 638 Type B
4	Hinge Pin	1	H.T.Brass	IS 320 Gr.HT2
5	Disc Ring	1	Leaded Tin Bronze / N. Rubber	IS 318 Gr.LTB2 / -
6	Body Seat Ring	1	Leaded Tin Bronze	IS 318 Gr.LTB2
7	Body	1	Cast Iron	IS 210 Gr.FG200
8	Hinge	1	Cast Iron	IS 210 Gr.FG200
9	Disc	1	Cast Iron	IS 210 Gr.FG200



Sizes & Dimensions

Size (mm)	FF	H	ØD	T	k	n	Ød
50	203	140	165	16	125	4	19
65	216	165	185	16	145	4	19
80	241	168	200	21	160	4	19
100	292	190	220	22	180	8	19
125	330	230	250	22.5	210	8	19
150	356	230	285	23	240	8	23
200	495	261	340	24.5	295	8	23
250	622	345	395	26	350	12	23
300	698	356	445	27.5	400	12	23

**ATAM**

Cast Iron Reflux (Non-Return) Valve Flanged Ends, PN-1.6

AV-119A

Product Standard	IS-5312 (Part-1)
Pressure / Class Rating	PN-1.6
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 200)
Product Description	Bolted Cover
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	Cu-Alloy
Seat Facing	Rubber Facing
End Details	Flanged Ends as per IS:1538 PN-1.6 Flat Face (Drilled)
Test Pressure	Body: 2.4 Mpa (Hyd.), Seat: 1.6 Mpa (Hyd.)
Max. Working Temperature	45°C



Suitable for

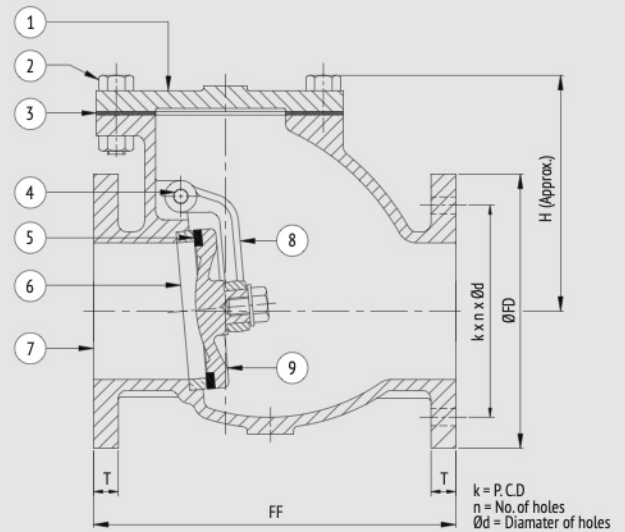
- Water
- Steam
- Gas
- Oil
- Air



HSN Code - 84813000

Material Specification

S.No	Description	No.	Material	Specifications
1	Cover	1	Cast Iron	IS 210 Gr.FG200
2	Bolts & Nuts	To Suit	Carbon Steel	IS 1363 (Part 1) / IS 1363 (Part 3)
3	Gasket	1	Rubber	IS 638 Type B
4	Hinge Pin	1	H.T.Brass	IS 320 Gr.HT2
5	Disc Ring	1	Leaded Tin Bronze / N. Rubber	IS 318 Gr.LTB2 / -
6	Body Seat Ring	1	Leaded Tin Bronze	IS 318 Gr.LTB2
7	Body	1	Cast Iron	IS 210 Gr.FG200
8	Hinge	1	Cast Iron	IS 210 Gr.FG200
9	Disc	1	Cast Iron	IS 210 Gr.FG200



Sizes & Dimensions

Size (mm)	FF	H	ØD	T	k	n	Ød
50	203	140	165	16	125	4	19
65	216	165	185	16	145	4	19
80	241	168	200	21	160	4	19
100	292	190	220	22	180	8	19
125	330	230	250	22.5	210	8	19
150	356	230	285	23	240	8	23
200	495	261	340	24.5	295	8	23
250	622	345	395	26	350	12	23
300	698	356	445	27.5	400	12	23

**ATAM**

Cast Carbon Steel Check Valve Flanged Ends, Class-150

AV-290C

Testing Standard	API-598
Pressure / Class Rating	Class-150
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Bolted Cover
Type of Seat	Renewable Seat
Trim	13% Cr. (SS 410)
End Details	Flanged Ends as per ASME B16.5 Class-150 Raised Face (Drilled)
Test Pressure	Body: 30 Bar (Hyd.), Seat: 22 Bar (Hyd.), Seat: 7 Bar (Air)



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

Suitable for Thermic Fluid

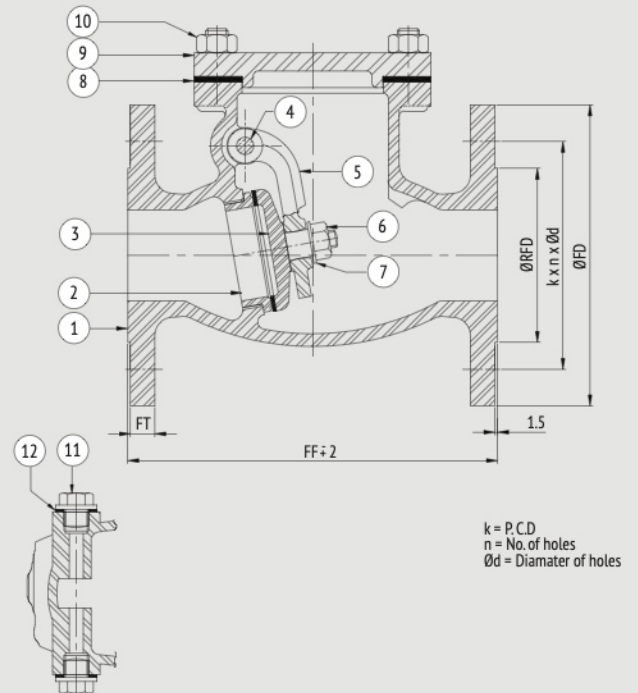
Non-IBR

Other trim material combinations are available on request.

HSN Code - 84813000

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	C.C.S.	ASTM A 216 Gr. WCB
2	Body Seat Ring (HB 350 min)	1	S.S./ F.S.S./ C.C.S.	ASTM A 276 Type 410 / ASTM A 182 Gr. F6a / ASTM A 216 Gr. WCB + 13% Cr. Welded Deposit
3	Disc (HB 250 to 350 min)	1	C.C.S.	ASTM A 216 Gr. WCB + 13% Cr. Welded Deposit
4	Hinge Pin	1	Stainless Steel	ASTM A 276 Type 410
5	Hinge	1	C.C.S.	ASTM A 216 Gr. WCB
6	Nut	1	Stainless Steel	ASTM A 276 Type 410
7	Washer	1	Carbon Steel	-
8	Gasket	1	Spiral Wound S.S.304 with Graphite Filler, Inner Ring S.S. 304	
9	Cover	1	C.C.S.	ASTM A 216 Gr. WCB
10	Studs & Nuts	To Suit	Alloy Steel / H.T. Steel	ASTM A 193 Gr. B7 / ASTM A 194 Gr. 2H
11	Side Plug	2	Stainless Steel	ASTM A 276 Type 410
12	Gasket (for Side Plug)	2	Non Asbestos	-



Sizes & Dimensions

Size (mm)	FF	FT	ØRFD	ØFD	K	n	Ød
40	165	12.7	73	127	98.6	4	5/8"
50	203	14.3	91.9	152	120.6	4	3/4"
65	216	15.7	104.6	178	139.7	4	3/4"
80	241	17.5	127.0	190	152.4	4	3/4"
100	292	22.4	157.2	229	190.5	8	3/4"
125	330	22.5	185.7	254	215.9	8	7/8"
150	356	23.9	215.9	279	241.3	8	7/8"
200	495	26.9	296.7	343	298.4	8	7/8"
250	622	28.4	323.8	406	362.0	12	1"
300	698±3	30.2	381.0	483	431.8	12	1"
350	787±3	33.3	412.8	533	476.2	12	1.1/8"
400	864±3	35.1	469.9	597	539.8	16	1.1/8"
450	978±3	38.1	533.4	635	577.8	16	1.1/4"
500	978±3	41.1	584.2	698	635.0	20	1.1/4"
600	1295±3	46.0	692.2	813	749.3	20	1.3/8"

Product Standard	BS EN-13709
Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-40
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Bolted Cover
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	13% Cr. (SS 410)
End Details	Flanged Ends as per BS EN 1092-1 PN-40 Raised Face (Drilled)
	Drilling as per BS-10 Table-H
Test Pressure	Body: 60 Bar (Hyd.), Seat: 44 Bar (Hyd.)
Max. Working Temperature	400°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

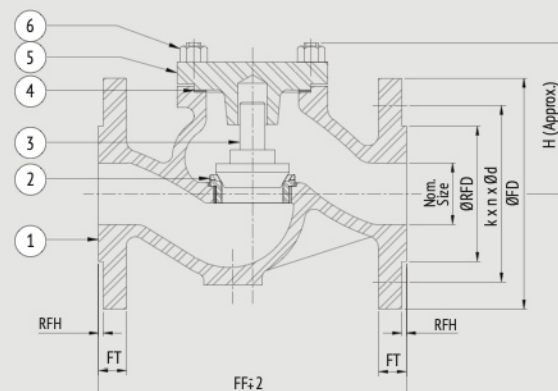
IBR

Test Certificate in Form III-C as per IBR is furnished with every supply.

HSN Code - 84813000

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	C.C.S	ASTM A 216 Gr. WCB
2	Body Seat Ring	1	S.S./F.S.S./C.A.S.	ASTM A 276 Type 410 / ASTM A 217 Gr. CA15 ASTM A 182 Gr. F6A
3	Disc	1	Stainless Steel	ASTM A 276 Type 410
4	Gasket	1	C.A.F. / Non Asbestos Fibre	-
5	Cover	1	C.C.S.	ASTM A 216 Gr. WCB
6	Studs & Nuts	To Suit	Carbon Steel	-



k = P.C.D
 n = No. of holes
 Ød = Diameter of holes

Sizes & Dimensions

Size (mm)	FF	H	ØFD	FT	ØRFD	RFH	k	n	Ød
15	130	75	95	16	45	2	65	4	14
20	150	80	115	18	58	2	82.6	4	17.5
25	160	88	115	18	68	2	87.3	4	17.5
32	180	96	140	18	78	2	98.4	4	17.5
40	200	100	150	18	88	3	104.8	4	17.5
50	230	116	165	20	102	3	127	4	17.5
65	290	140	185	22	122	3	146.1	8	17.5
80	310	152	200	24	138	3	165.1	8	17.5
100	350	178	235	24	162	3	190.5	8	17.5
125	400	215	280	26	188	3	235	8	22.3
150	480	260	300	28	218	3	260.4	12	22.3
200	600	335	375	34	285	3	324	12	22.3
250	730	350	450	38	345	3	381	12	25.4

**ATAM**

S.G. Iron Flap Non Return Valve PN-16

AV-97

Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-16
Body Material Cum Standard	S.G Iron (EN 1563 Gr. GJS-400-15)
Product Description	Flap Type with Swing Disc
Type of Seat	Renewable Seat
Trim	Seat: NBR Rubber O-Ring, Disc: S.G Iron
End Details	Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E
Test Pressure	Body: 300 Psig (Hyd.), Seat: 200 Psig (Hyd.)



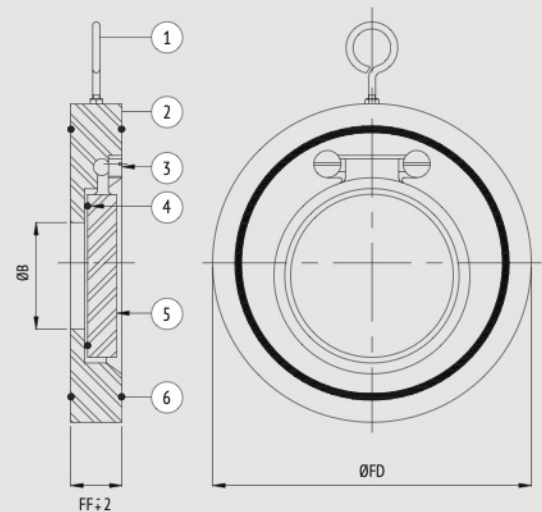
Suitable for

- Water
- Steam
- Gas
- Oil
- Air

HSN Code - 84813000

Material Specification

S.No	Description	No.	Material	Specifications
1	Hook	1	Carbon Steel	-
2	Body	1	S.G. Iron	EN 1563 Gr. GJS-400-15
3	Screw	2	Carbon Steel	-
4	O-Ring	2	Nitrile Rubber	-
5	Disc	1	S.G. Iron	EN 1563 Gr. GJS-400-15
6	O-Ring	2	EPDM (Integrally Moulded)	-



Sizes & Dimensions

Size (mm)	FF	ØFD	ØB
40	19	86	23
50	19	97	30
65	19	110	40
80	19	130	50
100	19	160	70
125	19	192	92
150	19	216	112
200	28	273	157
250	28	330	195
300	38	385	230

**ATAM**

Bronze Gate Valve Screwed Ends, Class-1

AV-102

Product Standard	IS-778
Testing Standard	IS-778
Pressure / Class Rating	Class-1
Body Material Cum Standard	Bronze (IS 318 Gr. LTB2)
Product Description	Screwed in Bonnet, Inside Screw, Non-Rising Stem, Handwheel Operated
Type of Seat	Integral Seat
Type of Wedge	Solid Wedge
Trim	Cu-Alloy
End Details	Screwed Female Parallel Threads (IS:554)
Test Pressure	Body: 1.5 Mpa (Hyd.), Seat: 1.0 Mpa (Hyd.)
Max. Working Temperature	45°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

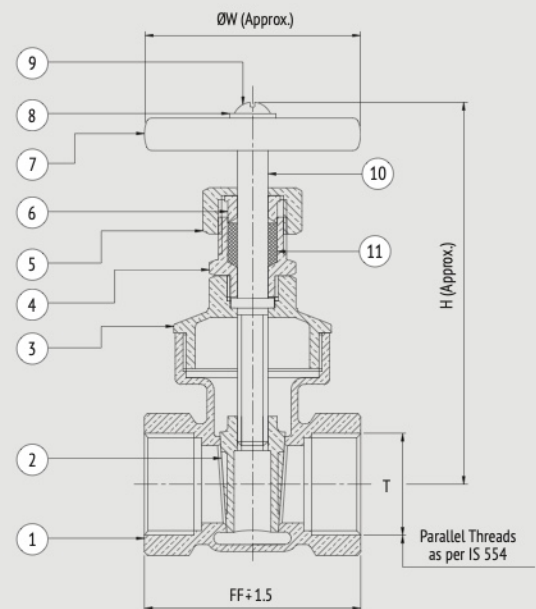


Other screwed end specifications can be provided on request.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Bronze	IS 318 Gr. LTB2
2	Wedge	1	Bronze	IS 318 Gr. LTB2
3	Bonnet	1	Bronze	IS 318 Gr. LTB2
4	Stuffing Box	1	Bronze	IS 318 Gr. LTB2
5	Gland Nut	1	Bronze	IS 318 Gr. LTB2
6	Gland	1	Bronze / Brass	IS 318 Gr. LTB2 / BS EN 1982 Gr. CC491K
7	Handwheel	1	C.I. / Steel	BS EN 1561 Gr. GIL 220 / IS 210 Gr. FG200
8	Washer	1	Carbon Steel	-
9	Screw	1	Carbon Steel	-
10	Stem	1	H.T. Brass	IS 6912 Gr. FLB / IS 320
11	Packing	-	Asbestos	-



Sizes & Dimensions

Size (mm)	FF	H	ØW	T
15	60	100	53	1/2"
20	60	110	58	3/4"
25	70	130	67	1"
32	80	144	79	1.1/4"
40	90	160	87	1.1/2"
50	100	175	98	2"
65	105	222	104	2.1/2"
80	125	248	140	3"
100	160	310	183	4"

**ATAM**

Investment Casting Stainless Steel (CF8) Gate Valve, Screwed Ends, PN-16

IC-99

Pressure / Class Rating	PN-16
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8)
Product Description	Screwed in Bonnet, Inside Screw, Non Rising Stem, Handwheel Operated
Type of Seat	Integral Seat
Trim	Stainless Steel (Type 304)
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 350 Psig (Hyd.), Seat: 255 Psig (Hyd.)
Application Medium	Food Processing



Suitable for

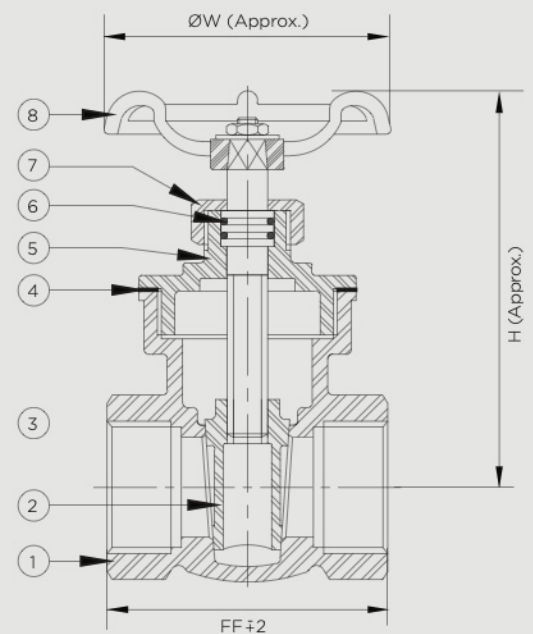
- Water
- Steam
- Gas
- Oil
- Air

Also available in CF8M (SS 316)
Other screwed end specifications can be provided on request.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
2	Wedge	1	Stainless Steel	ASTM A 276 Type 304
3	Stem	1	Stainless Steel	ASTM A 276 Type 304
4	Gasket	1	PTFE	-
5	Bonnet	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
6	Packing	1	Rubber	-
7	Gland Nut	1	Stainless Steel	ASTM A 276 Type 304
8	Handwheel	1	Aluminium	-



Sizes & Dimensions

Size (mm)	Size (inches)	FF	H	$\varnothing W$
15	1/2"	42	70	53
20	3/4"	45	75	53
25	1"	50	90	65
32	1.1/4"	56	105	70
40	1.1/2"	58	115	78
50	2"	65	135	98

**ATAM**

Cast Iron Sluice Valve Flanged Ends, PN-1.0

AV-117

Product Standard	IS-14846
Pressure / Class Rating	PN-1.0
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 200)
Product Description	Bolted Bonnet, Inside Screw, Non Rising Stem, Handwheel Operated
Type of Seat	Renewable Seat
Type of Wedge	Solid Wedge
Trim	Stem: 13% Cr. (SS 410)
Seat Facing	Cu-Alloy
End Details	Flanged Ends as per IS:1538 PN-1.0 Flat Face (Drilled)
Test Pressure	Body: 1.5 Mpa (Hyd.), Seat: 1.0 Mpa (Hyd.)
Max. Working Temperature	45°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

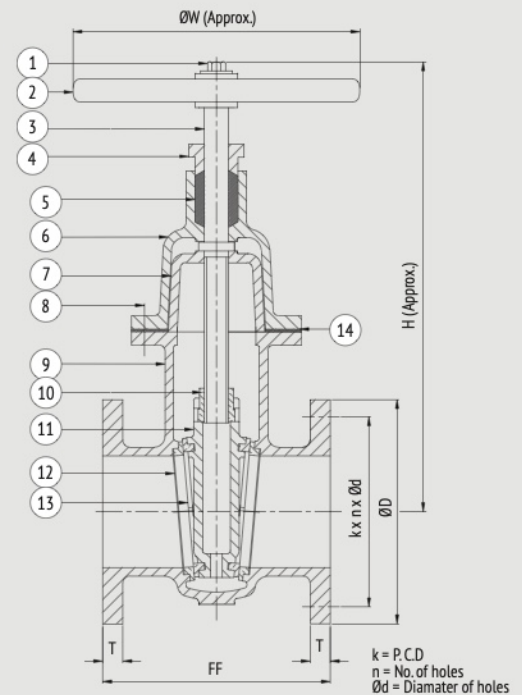


Sizes 350mm & above are supplied with Gear

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Screw	1	Carbon Steel	IS:1363
2	Handwheel / Cap	1	Cast Iron	IS:210 Gr. FG.200
3	Stem	1	Stainless Steel	IS 6603 Gr.12 CR.12 / IS 6604 Gr.04 Cr 19N109 / ASTM A276 TP 410
4	Gland	1	Cast Iron	IS:210 Gr. FG.200
5	Gland Packing	1	Hemp & Jute / Rubber	IS 5414 / IS 638 Type B
6	Bonnet	1	Cast Iron	IS:210 Gr. FG.200
7	Thrust Plate	1	Cast Iron	IS:210 Gr. FG.200
8	Bolts / Nuts	To Suit	Carbon Steel	IS:1363 Part 1 / IS:1363 Part 3
9	Body	1	Cast Iron	IS:210 Gr. FG.200
10	Wedge Nut	1	Leaded Tin Bronze	IS:318 Gr. LTB2
11	Wedge	1	Cast Iron	IS:210 Gr. FG.200
12	Body Seat Ring	2	Leaded Tin Bronze	IS:318 Gr. LTB2
13	Wedge Ring	2	Leaded Tin Bronze	IS:318 Gr. LTB2
14	Gasket	1	Rubber	IS 638 Type B
15	T-Head Bolts / Nuts	2 Each	Carbon Steel	IS:1363 Part 1 / IS:1363 Part 3



Sizes & Dimensions

Size (mm)	FF	ØW	H	ØD	T	k	n	Ød
50	178	225	330	165	16	125	4	19
65	190	225	370	185	16	145	4	19
80	203	225	410	200	21	160	4	19
100	229	320	460	220	22	180	8	19
125	254	320	485	250	22.5	210	8	19
150	267	320	557	285	23	240	8	23
200	292	360	680	340	24.5	295	8	23
250	330	400	770	395	26	350	12	23
300	356	400	865	445	27.5	400	12	23
350	381	500	1020	505	29	460	16	23
400	406	640	1110	565	30	513	16	28
450	432	720	1200	615	31.5	565	20	28
500	457	720	1300	670	33	620	20	28
600	508	720	1500	780	36	725	20	31

**ATAM**

Cast Iron Sluice Valve Flanged Ends, PN-1.6

AV-117A

Product Standard	IS-14846
Pressure / Class Rating	PN-1.6
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 200)
Product Description	Bolted Bonnet, Inside Screw, Non Rising Stem, Handwheel Operated
Type of Seat	Renewable Seat
Type of Wedge	Solid Wedge
Trim	Stem: 13% Cr. (SS 410)
Seat Facing	Cu-Alloy
End Details	Flanged Ends as per IS:1538 PN-1.6 Flat Face (Drilled)
Test Pressure	Body: 2.4 Mpa (Hyd.), Seat: 1.6 Mpa (Hyd.)
Max. Working Temperature	45°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

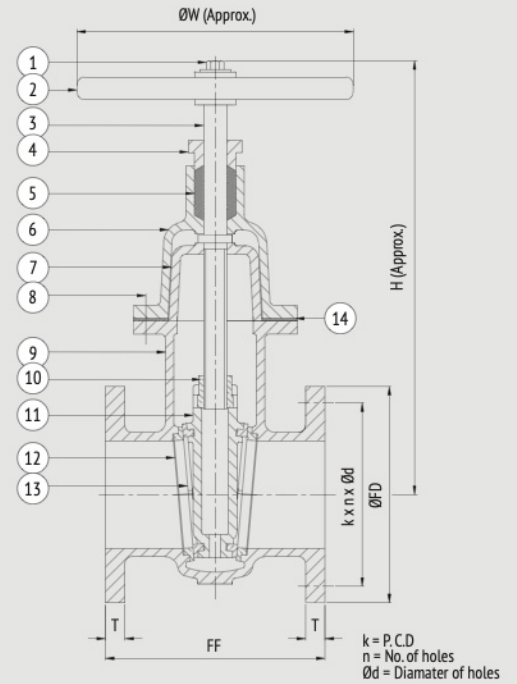


Sizes 350mm & above are supplied with Gear

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Screw	1	Carbon Steel	IS:1363
2	Handwheel / Cap	1	Cast Iron	IS:210 Gr. FG.200
3	Stem	1	Stainless Steel	IS 6603 Gr. 12 CR.12 / IS 6604 Gr. 04 Cr 19N109 / ASTM A276 TP 410
4	Gland	1	Cast Iron	IS:210 Gr. FG.200
5	Gland Packing	1	Hemp & Jute / Rubber	IS 5414 / IS 638 Type B
6	Bonnet	1	Cast Iron	IS:210 Gr. FG.200
7	Thrust Plate	1	Cast Iron	IS:210 Gr. FG.200
8	Bolts / Nuts	To Suit	Carbon Steel	IS:1363 Part 1 / IS:1363 Part 3
9	Body	1	Cast Iron	IS:210 Gr. FG.200
10	Wedge Nut	1	Leaded Tin Bronze	IS:318 Gr. LTB2
11	Wedge	1	Cast Iron	IS:210 Gr. FG.200
12	Body Seat Ring	2	Leaded Tin Bronze	IS:318 Gr. LTB2
13	Wedge Ring	2	Leaded Tin Bronze	IS:318 Gr. LTB2
14	Gasket	1	Rubber	IS 638 Type B
15	T-Head Bolts / Nuts	2 Each	Carbon Steel	IS:1363 Part 1 / IS:1363 Part 3



Sizes & Dimensions

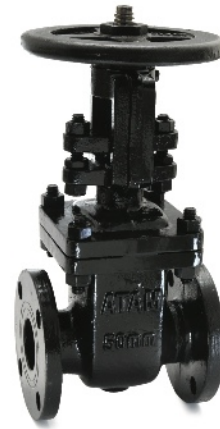
Size (mm)	FF	ØW	H	ØFD	T	k	n	Ød
50	178	280	365	165	16	125	4	19
65	190	280	380	185	16	145	4	19
80	203	280	425	200	21	160	4	19
100	229	360	470	220	22	180	8	19
125	254	360	485	250	22.5	210	8	19
150	267	360	595	285	23	240	8	23
200	292	450	725	340	24.5	295	8	23
250	330	640	835	395	26	350	12	23
300	356	640	910	445	27.5	400	12	23
350	381	640	1030	505	29	460	16	23
400	406	730	1110	565	30	515	16	28
450	432	800	1210	615	31.5	565	20	28
500	457	800	1340	670	33	620	20	28
600	508	800	1500	780	36	725	20	31

**ATAM**

Cast Iron Gate Valve Flanged Ends, PN-1.0

AV-118

Product Standard	BS EN-1171 / IS-14846
Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-1.0
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 200)
Product Description	Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem, Handwheel Operated
Type of Seat	Renewable Seat
Type of Wedge	Solid Wedge
Trim	Stem: 13% Cr. (SS 410)
Seat Facing	Cu-Alloy
End Details	Flanged Ends as per IS:1538 PN-1.0 Flat Face (Drilled)
Test Pressure	Body: 1.5 Mpa (Hyd.), Seat: 1.0 Mpa (Hyd.)
Max. Working Temperature	45°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

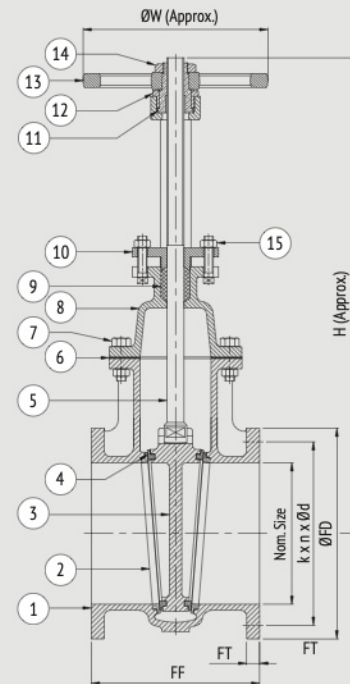


Sizes 350mm & above are supplied with Gear

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Iron	IS 210 Gr.FG200 / BS EN 1561 Gr.GJL 220
2	Body Seat Ring	2	Gun Metal	IS 318 Gr.LTB2 / BS EN 1982 Gr.CC491K
3	Wedge	1	Cast Iron	IS 210 Gr.FG200 / BS EN 1561 Gr.GJL 220
4	Wedge Ring	2	Gun Metal	IS 318 Gr.LTB2 / BS EN 1982 Gr.CC491K
5	Stem	1	Stainless Steel	ASTM A 276 Type 410
6	Gasket	1	C.A.F	-
7	Body / Bonnet Bolts & Nuts	To Suit	Carbon Steel	-
8	Bonnet	1	Cast Iron	IS 210 Gr.FG200 / BS EN 1561 Gr.GJL 220
9	Gland Packing	-	Hemp & Jute / Non Asbestos	IS 4687
10	Gland Flange	1	Cast Iron	IS 210 Gr.FG200 / BS EN 1561 Gr.GJL 220
11	Yoke Sleeve	1	Bronze / Stainless Steel	BS EN 1982 Gr. CC3314 / ASTM A 582 Type 416
12	Yoke Sleeve Nut	1	Carbon Steel	-
13	Handwheel	1	M.I. / C.I.	-
14	Handwheel Retaining Nut	1	Carbon Steel	-
15	Gland Flange Bolts & Nuts	2 Each	Carbon Steel	-



Sizes & Dimensions

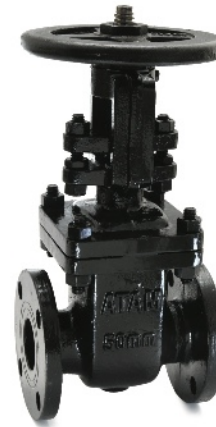
Size (mm)	FF	ØW	H	ØFD	FT	k	n	Ød
50	178	225	320	165	16	125	4	19
65	190	225	375	185	16	145	4	19
80	203	225	422	200	21	160	4	19
100	229	320	490	220	22	180	8	19
125	254	320	560	250	22.5	210	8	19
150	267	320	640	285	23	240	8	23
200	292	360	782	340	24.5	295	8	23
250	330	400	1040	395	26	350	12	23
300	356	400	1170	445	27.5	400	12	23
350	381	500	1300	505	29	460	16	23
400	406	640	1370	565	30	513	16	28
450	432	720	1430	615	31.5	565	20	28
500	457	720	1510	670	33	620	20	28
600	508	720	-	780	36	725	20	31

**ATAM**

Cast Iron Gate Valve Flanged Ends, PN-1.6

AV-118A

Product Standard	BS EN-1171 / IS-14846
Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-1.6
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 200)
Product Description	Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem, Handwheel Operated
Type of Seat	Renewable Seat
Type of Wedge	Solid Wedge
Trim	Stem: 13% Cr. (SS 410)
Seat Facing	Cu-Alloy
End Details	Flanged Ends as per IS:1538 PN -1.6 Flat Face (Drilled)
Test Pressure	Body: 2.4 Mpa (Hyd.), Seat: 1.6 Mpa (Hyd.)
Max. Working Temperature	45°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

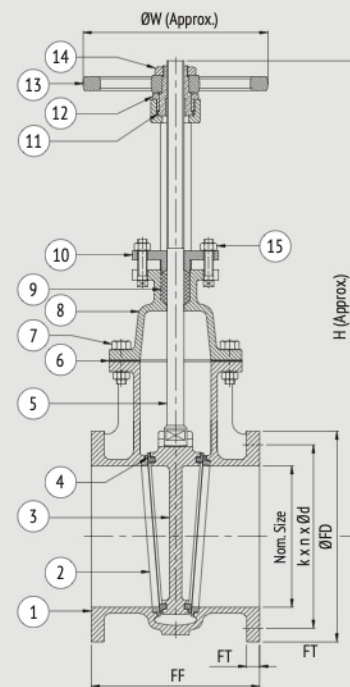


Sizes 350mm & above are supplied with Gear

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Iron	IS 210 Gr.FG200 / BS EN 1561 Gr.GJL 220
2	Body Seat Ring	2	Gun Metal	IS 318 Gr.LTB2 / BS EN 1982 Gr.CC491K
3	Wedge	1	Cast Iron	IS 210 Gr.FG200 / BS EN 1561 Gr.GJL 220
4	Wedge Ring	2	Gun Metal	IS 318 Gr.LTB2 / BS EN 1982 Gr.CC491K
5	Stem	1	Stainless Steel	ASTM A 276 Type 410
6	Gasket	1	C.A.F	-
7	Body / Bonnet Bolts & Nuts	To Suit	Carbon Steel	-
8	Bonnet	1	Cast Iron	IS 210 Gr.FG200 / BS EN 1561 Gr.GJL 220
9	Gland Packing	-	Hemp & Jute / Non Asbestos	IS 4687
10	Gland Flange	1	Cast Iron	IS 210 Gr.FG200 / BS EN 1561 Gr.GJL 220
11	Yoke Sleeve	1	Bronze / Stainless Steel	BS EN 1982 Gr. CC3314 / ASTM A 582 Type 416
12	Yoke Sleeve Nut	1	Carbon Steel	-
13	Handwheel	1	M.I. / C.I.	-
14	Handwheel Retaining Nut	1	Carbon Steel	-
15	Gland Flange Bolts & Nuts	2 Each	Carbon Steel	-



Sizes & Dimensions

Size (mm)	FF	ØW	H	ØFD	FT	k	n	Ød
50	178	225	320	165	16	125	4	19
65	190	225	375	185	16	145	4	19
80	203	225	422	200	21	160	4	19
100	229	320	490	220	22	180	8	19
125	254	320	560	250	22.5	210	8	19
150	267	320	640	285	23	240	8	23
200	292	360	782	340	24.5	295	8	23
250	330	400	1040	395	26	350	12	23
300	356	400	1170	445	27.5	400	12	23
350	381	500	1300	505	29	460	16	23
400	406	640	1370	565	30	513	16	28
450	432	720	1430	615	31.5	565	20	28
500	457	720	1510	670	33	620	20	28
600	508	720	-	780	36	725	20	31

Product Standard	API 600
Testing Standard	API-598
Pressure / Class Rating	Class-150
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem, Handwheel Operated
Type of Seat	Renewable Seat
Type of Wedge	Solid or Flexible Wedge
Trim	13% Cr. (SS 410)
End Details	Flanged Ends as per ASME B16.5 Class-150 Raised Face (Drilled)
Test Pressure	Body: 30 Bar (Hyd.), Seat: 22 Bar (Hyd.), Seat: 7 Bar (Air)
Max. Working Temperature	425°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

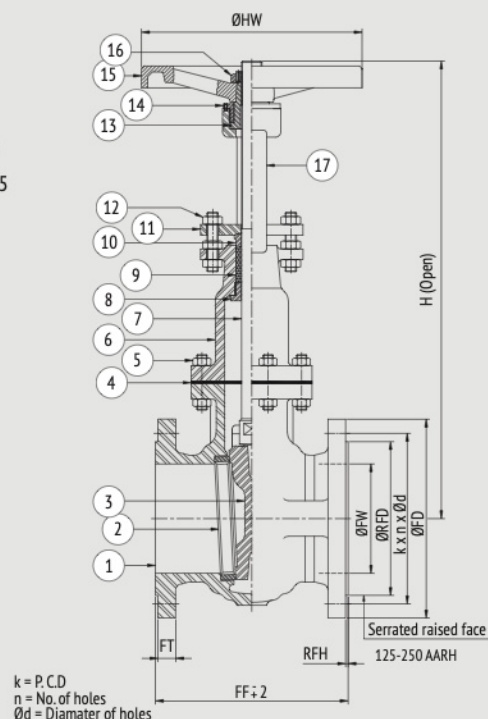
IBR

Test Certificate in Form III-C as per IBR is furnished with every supply. Other trim material combinations are available on request. ±3mm tolerance for sizes 300mm and above.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	C.C.S.	ASTM A 216 Gr. WCB
2	Body Seat Ring	1	C.C.S. / F.S.S.	ASTM A 216 Gr. WCB + 13% Cr. Deposit / ASTM A 182 Gr. F6a
3	Wedge	1	C.C.S. / C.S.S.	ASTM A 216 Gr. WCB + 13% Cr. Deposit / ASTM A 217 Gr. CA15
4	Gasket	1	S.S. 304 Graphoil Filler with Inner Ring (C.S. or S.S.304)	
5	Studs & Nuts	To Suit	Alloy Steel / H.T. Steel	ASTM A 193 Gr. B7 / ASTM A 194 Gr. 2H
6	Bonnet	1	C.C.S.	ASTM A 216 Gr. WCB
7,8	Stem, Back Seat Bush	1	Stainless Steel	ASTM A 276 Type 410
9	Gland Packing	-	Flexible Graphite (Min. 5 Rings)	
10	Gland Follower	1	Stainless Steel	ASTM A 276 Type 410
11	Gland Flange	1	C.C.S.	ASTM A 216 Gr. WCB / Carbon Steel
12	Gland Studs & Nuts	2 / 4	Alloy Steel / H.T. Steel	ASTM A 193 Gr. B7 / ASTM A 194 Gr. 2H
13	Yoke Sleeve	1	Al. Bronze / S.S.	BS EN 1982 Gr. CC 331G / AISI 410
14	Yoke Sleeve Retaining Nut	1	Carbon Steel	-
15	Handwheel	1	M.I. / D.I.	ASTM A338 / ASTM A536 Gr. 80-55-06
16	Handwheel Retaining Nut	1	Carbon Steel	-
17	Yoke	1	C.C.S.	ASTM A 216 Gr. WCB



Sizes & Dimensions

Size (mm)	FF	FT	ØFW	ØRFD	RFH	ØFD	K	n	Ød	ØHW	H
15	108	8	15	34.9	2	90	60.3	4	5/8"	80	140
20	117	9	20	42.9	2	100	70	4	5/8"	80	165
25	127	9.6	25	50.8	2	110	79.5	4	5/8"	127	190
40	165	12.7	38.1	73	2	125	98.4	4	5/8"	210	365
50	178	14.3	50.8	92.1	2	150	120.7	4	3/4"	210	390
65	190	15.9	63.5	104.8	2	180	139.7	4	3/4"	210	440
80	203	17.5	76.2	127	2	190	152.4	4	3/4"	225	460
100	229	22.3	101.6	157.2	2	230	190.5	8	3/4"	255	570
125	254	22.3	127	185.7	2	255	215.9	8	7/8"	310	690
150	267	23.9	152.4	215.9	2	280	241.3	8	7/8"	310	780
200	292	27	203.2	269.9	2	345	298.5	8	7/8"	400	975
250	330	28.6	254	323.8	2	405	362	12	1"	460	1215
300	356	30.2	304.8	381	2	485	431.8	12	1"	500	1350
350	381	33.4	336.6	412.8	2	535	476.3	12	1.1/8"	450	1605
400	406	35	387.4	469.9	2	595	539.8	16	1.1/8"	450	1960
450	432	38.1	436.2	533.4	2	635	577.9	16	1.1/4"	450	2055
500	457	41.3	489	584.2	2	700	700	20	1.1/4"	450	2410
600	508	46.1	590.6	692.2	2	815	815	20	1.3/8"	450	2875

**ATAM**

Cast Carbon Steel Gate Valve Flanged Ends, Class-150

AV-288C

Testing Standard	API-598
Pressure / Class Rating	Class-150
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem, Handwheel Operated
Type of Seat	Renewable Seat
Trim	13% Cr. (SS 410)
End Details	Flanged Ends as per ASME B16.5 Class-150 Raised Face (Drilled)
Test Pressure	Body: 30 Bar (Hyd.), Seat: 22 Bar (Hyd.), Seat: 7 Bar (Air)
Max. Working Temperature	425°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

Suitable for Thermic Fluid

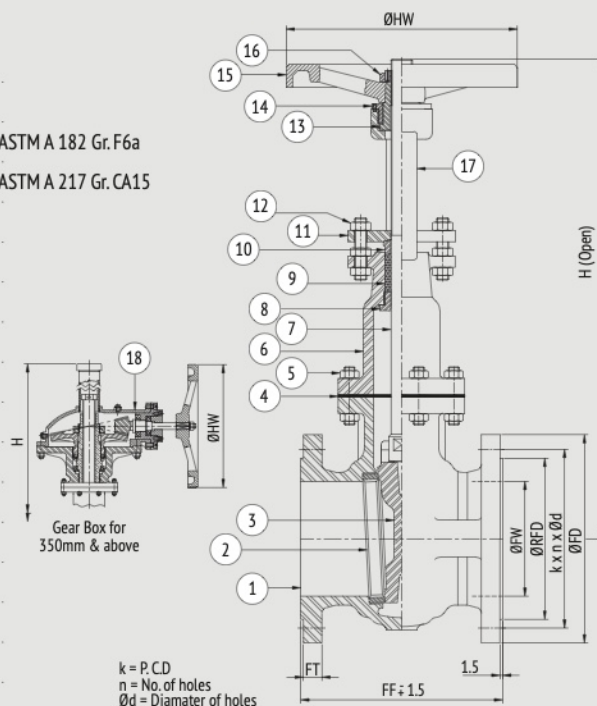
Non-IBR

Other trim material combinations are available on request. Parts marked with * are optional and are for particular sizes.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1, 6, 17	Body, Bonnet, *Yoke	1	C.C.S.	ASTM A 216 Gr. WCB
2	Body Seat Ring	1	C.C.S. / F.S.S.	ASTM A 216 Gr. WCB + 13% Cr. Weld Deposit / ASTM A 182 Gr. F6a
3	Wedge	1	C.C.S. / C.S.S.	ASTM A 216 Gr. WCB + 13% Cr. Weld Deposit / ASTM A 217 Gr. CA15
4	Gasket	1	S.S. 304 Graphoil Filler with Inner Ring (S.S.304)	
5	Studs & Nuts	To Suit	Alloy Steel / H.T. Steel	ASTM A 193 Gr. B7 / ASTM A 194 Gr. 2H
7	Stem (HB 200 Min)	1	Stainless Steel	ASTM A 276 Type 410
8	Back Seat Bush (HB 250 Min)	1	Stainless Steel	ASTM A 276 Type 410
9	Gland Packing	-	Flexible Graphite	-
10	Gland Follower	1	Stainless Steel	ASTM A 276 Type 410
11	Gland Flange	1	C.C.S.	ASTM A 216 Gr. WCB / Carbon Steel
12	Gland Studs & Nuts	2 / 4	Alloy Steel / H.T. Steel	ASTM A 193 Gr. B7 / ASTM A 194 Gr. 2H
13	Yoke Sleeve	1	Al. Bronze / M.S.	BS EN 1982 Gr. CC 331G / -
14	Yoke Sleeve Retaining Nut	1	Carbon Steel	-
15	Handwheel	1	M.I. / D.I.	ASTM A338 / ASTM A536 Gr. 80-55-06
16	Handwheel Retaining Nut	1	Carbon Steel	-
18	Gear Box Assembly	1	C.I.	-



Sizes & Dimensions

Size (mm)	FF	FT	ØFW	ØRFD	ØFD	K	n	Ød	ØHW	H
15	108	7.9	15	35.1	89	60.5	4	5/8"	80	140
20	117	8.6	20	42.9	99	69.8	4	5/8"	80	165
25	127	9.7	25	50.8	108	79.2	4	5/8"	127	190
32	140	11.2	32	63.5	117	88.9	4	5/8"	127	290
40	165	12.7	38.1	73.0	127	98.6	4	5/8"	210	365
50	178	14.2	50.8	91.9	152	120.6	4	3/4"	210	390
65	190	15.7	63.5	104.6	178	139.7	4	3/4"	210	440
80	203	17.5	76.2	127	190	152.4	4	3/4"	225	460
100	229	22.4	101.6	157.2	229	190.5	8	3/4"	255	570
125	254	22.5	127.0	185.7	254	215.9	8	7/8"	310	690
150	267	23.9	152.4	215.9	279	241.3	8	7/8"	310	780
200	292	26.9	203.2	269.7	343	298.5	8	7/8"	400	975
250	330	28.4	254.0	323.8	406	362.0	12	1"	460	1215
300	356±3	30.2	304.8	381	483	431.8	12	1"	500	1350
350	381±3	33.3	336.6	412.8	533	476.2	12	1.1/8"	450	1605
400	406±3	35.1	387.4	469.9	597	539.8	16	1.1/8"	450	1960
450	432±3	38.1	436.2	533.4	635	577.8	16	1.1/4"	450	2055
500	457±3	41.1	489.0	584.2	698	635.0	20	1.1/4"	450	2410
600	508±3	46.0	590.6	692.2	813	749.3	20	1.3/8"	450	2875

**ATAM**

Ductile Iron Resilient Seated Gate Valve PN-10/ PN-16

AV-129

Product Standard	BS 5163, EN 1074-1, EN 1074-2
Testing Standard	EN 12266-1, BS 6756-1
Pressure / Class Rating	PN-10, PN 16
Body Material Cum Standard	Ductile Iron
Product Description	Bolted Bonnet, Rubber Seated, Inside Screw, Non Rising Stem
End Details	Flanged Ends as per EN 1092-2, IS 14846
Max. Working Temperature	80°C

Salient Features :
 Tight Shut Off Leakage Class as per ANSI FCI 70-2
 Corrosion Resistant Fusion Bonded Epoxy Coated Body & Bonnet

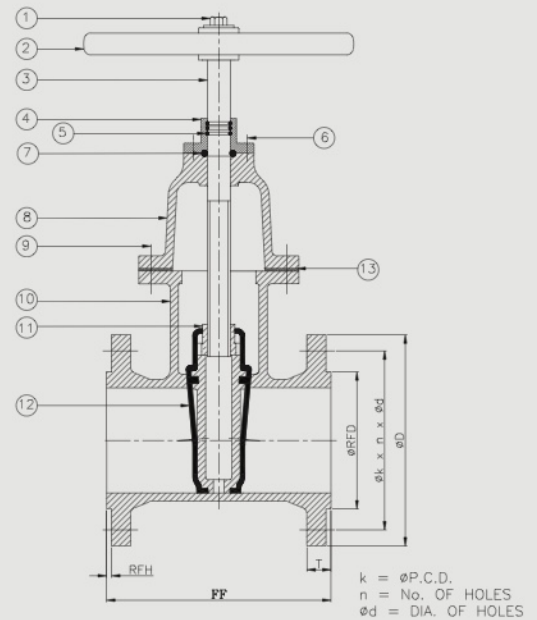


- Suitable for
- Water
 - Steam
 - Gas
 - Oil
 - Air

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material
1	Nuts	1	Carbon Steel
2	Handwheel / Cap	1	Ductile Iron
3	Stem	1	S.S. 410
4	Gland	1	Ductile Iron
5	O-Ring	To Suit	EPDM
6	Bolts	To Suit	Carbon Steel
7	Locating Ring	1	Brass
8	Bonnet	1	Ductile Iron
9	Bolts & Nuts	To Suit	Carbon Steel
10	Body	1	Brass
11	Wedge Nut	1	Brass
12	Wedge	1	Ductile Iron + EPDM
13	Gasket	1	EPDM



Sizes & Dimensions (PN 16)

Size (mm)	FF±3	ØD±2	ØRFD	RFH	T±1	Øk±1	n	Ød
50	178	165	99	3	19	125	4	19
65	190	185	119	3	19	145	4	19
80	203	200	133	3	19	160	8	19
100	229	220	154	3	19	180	8	19
125	254	250	184	3	19	210	8	19
150	267	285	210	3	19	240	8	23
200	292	340	265	3	20	295	12	23
250	330	405	319	3	22	355	12	28
300	356	460	370	4	24.5	410	12	28
350	381	520	429	4	26.5	470	16	28
400	406	580	480	4	28	525	16	31
450	432	640	548	4	30	585	20	31
500	457	715	609	4	31.5	650	20	34
600	508	840	720	5	36	770	20	37
700	610	910	794	5	40	840	24	37
800	660	1025	901	5	44	950	24	41

**ATAM**

Bronze Union Bonnet Globe Valve No.9 Screwed Ends, PN-20 / Class-150

AV-1

Product Standard	BS-5154
Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-20 / Class-150
Body Material Cum Standard	Bronze (BS EN 1982 Gr. CC491K)
Product Description	Union Bonnet, Inside Screw, Rising Stem with Backseat Arrangement, Handwheel Operated
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	13% Cr. (SS 410)
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 450 Psig (Hyd.), Seat & Back Seat: 320 Psig (Hyd.)
Max. Working Pressure	150 Psig (Steam)



Suitable for

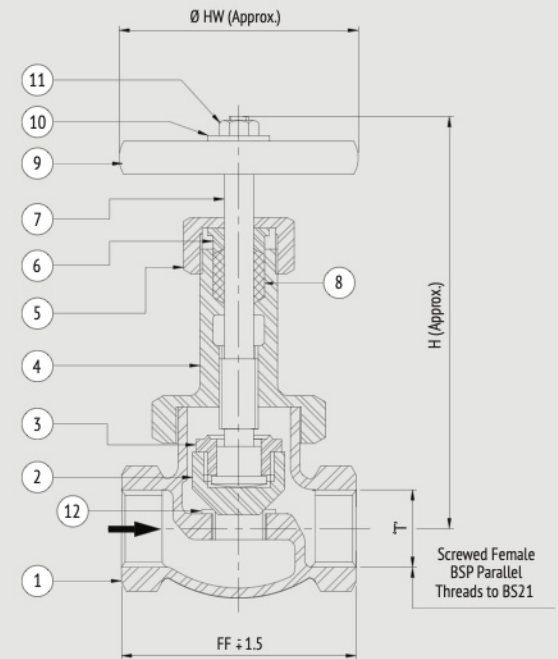
- Water
- Steam
- Gas
- Oil
- Air

Other screwed end specifications can be provided on request.
Graphoil Gland Packing is available on request.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Bronze	BSEN 1982 Gr. CC491K
2	Disc	1	Stainless Steel	ASTM A 276 Type 410
3	Disc Nut	1	Bronze	BSEN 1982 Gr. CC491K
4	Bonnet	1	Bronze	BSEN 1982 Gr. CC491K
5	Gland Nut	1	Bronze	BSEN 1982 Gr. CC491K
6	Gland	1	Bronze	BSEN 1982 Gr. CC491K
7	Stem	1	Stainless Steel	ASTM A 276 Type 410
8	Packing	1	Graphited Asbestos	-
9	Handwheel	1	Cast Iron	BS 1452 Gr.220
10	Washer	1	Mild Steel	BS 916
11	Handwheel Nut	1	Mild Steel	BS 916
12	Body Seat Ring	1	Stainless Steel	ASTM A 276 Type 410



Sizes & Dimensions

Size (mm)	FF	H	øHW	T
8	62	108	64	1/4"
10	62	108	64	3/8"
15	73	136	64	1/2"
20	87	158	71	3/4"
25	95	168	86	1"
32	110	180	96	1.1/4"
40	118	225	118	1.1/2"
50	145	248	148	2"
65	182	295	148	2.1/2"
80	203	325	197	3"
100	248	390	197	4"

**ATAM**

Investment Casting Stainless Steel (CF8) Union Bonnet Globe Valve No.9, Screwed Ends, PN-25

IC-01

Pressure / Class Rating	PN-25
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8)
Product Description	Union Bonnet, Inside Screw, Rising Stem With Backseat Arrangement, Handwheel Operated
Type of Seat	Integral Seat
Type of Disc	Renewable Disc
Trim	Stainless Steel (Type 304)
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 545 Psig (Hyd.), Seat: 400 Psig (Hyd.)
Application Medium	Food Processing



Suitable for

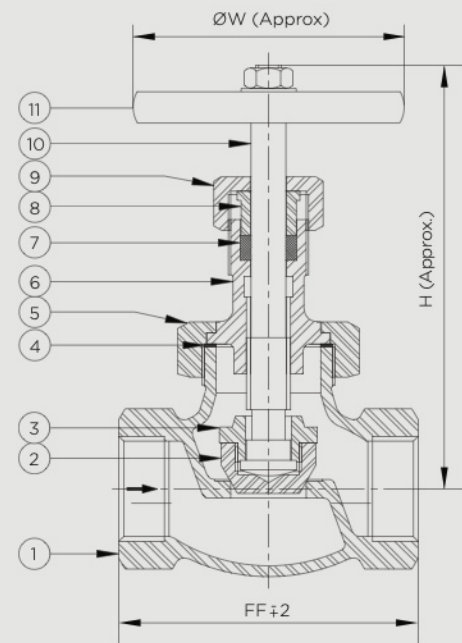
- Water
- Steam
- Gas
- Oil
- Air

Also available in CF8M (SS 316)
Other screwed end specifications can be provided on request.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
2	Disc	1	Stainless Steel	ASTM A 276 Type 304
3	Disc Nut	1	Stainless Steel	ASTM A 276 Type 304
4	Gasket	1	PTFE	-
5	Union Nut	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
6	Bonnet	1	Cast Stainless Steel	ASTM A 351 Gr. CF8
7	Packing	1	PTFE	-
8	Gland	1	Stainless Steel	ASTM A 276 Type 304
9	Gland Nut	1	Stainless Steel	ASTM A 276 Type 304
10	Stem	1	Stainless Steel	ASTM A 276 Type 304
11	Handwheel	1	Aluminium	-



Sizes & Dimensions

Size (mm)	Size (inches)	FF	H	ØW
15	1/2"	74	110	65
20	3/4"	85	135	70
25	1"	95	160	85
32	1.1/4"	110	170	95
40	1.1/2"	118	200	120
50	2"	145	220	150

**ATAM**

Cast Carbon Steel Globe Steam Stop Valve Flanged Ends, PN-40

AV-276

Product Standard	BS EN-13709
Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-40
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem with Backseat Arrangement, Handwheel Operated
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	13% Cr. (SS 410)
End Details	Flanged Ends as per BS EN 1092-1 PN-40 Raised Face (Drilled) Drilling as per BS-10 Table-H
Test Pressure	Body: 60 Bar (Hyd.), Seat & Back Seat: 44 Bar (Hyd.)
Max. Working Temperature	400°C



Suitable for

- Water
- Steam
- Gas
- Oil
- Air

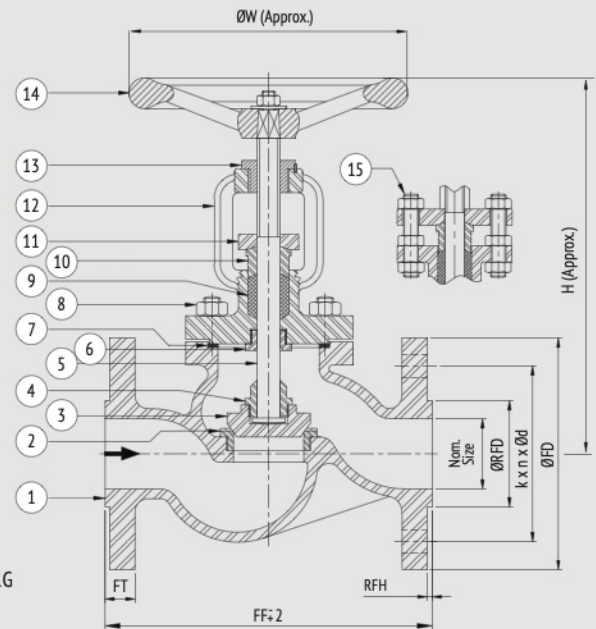
IBR

Test Certificate in Form III-C as per IBR is furnished with every supply.

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1	Body	1	C.C.S	ASTM A 216 Gr. WCB
2	Body Seat Ring	1	Stainless Steel	ASTM A 276 Type 410 / ASTM A 217 Gr. CA15
3	Disc	1	Stainless Steel	ASTM A 276 Type 410 / ASTM A 217 Gr. CA15
4	Disc Nut	1	Stainless Steel	ASTM A 276 Type 410
5	Stem	1	Stainless Steel	ASTM A 276 Type 410
6	Back Seat Bush	1	Stainless Steel	ASTM A 276 Type 410
7	Gasket	1	Non Asbestos	-
8	Studs & Nuts	To Suit	Carbon Steel	-
9	Packing	-	Flexible Graphite	-
10	Gland	1	Stainless Steel	ASTM A 276 Type 410
11	Gland Flange	1	C.C.S.	ASTM A 216 Gr. WCB
12	Bonnet	1	C.C.S.	ASTM A 216 Gr. WCB
13	Yoke Bush	1	Stainless Steel / AL. Bronze	ASTM A 582 Type 416 / BS EN 1982 Gr. CC331G
14	handwheel	1	C.I. / M.I.	-
15	Studs & Nuts	2 & 6	Carbon Steel	-



k = P.C.D
n = No. of holes
Ød = Diameter of holes

Sizes & Dimensions

Size (mm)	FF	ØFD	ØRFD	RFH	k	n	Ød	FT	ØW	H
15	130	95	45	2	65	04	14	16	125	215
20	150	115	58	2	82.6	04	17.5	18	125	224
25	160	115	68	2	87.3	04	17.5	18	160	240
32	180	140	78	2	98.4	04	17.5	18	160	297
40	200	150	88	3	104.8	04	17.5	18	200	322
50	230	165	102	3	127	04	17.5	20	200	348
65	290	185	122	3	146.1	08	17.5	22	250	412
80	310	200	138	3	165.1	08	17.5	24	250	450
100	350	235	162	3	190.5	08	17.5	24	315	529
125	400	280	188	3	235	08	22.3	26	315	600
150	480	300	218	3	260.4	12	22.3	28	400	690
200	600	375	285	3	324	12	22.3	34	450	832
250	730	450	345	3	381	12	25.4	38	450	-

**ATAM**

Stainless Steel Landing (Fire Hydrant) Valve Type - A, Flanged Ends

IC-85

Product / Testing Standard	IS 5290
Body Material Cum Standard	Stainless Steel (ASTM A351 Gr. CF8) (SS 304)
Product Description	Screwed in Bonnet, Rising Stem, Handwheel Operated
Trim	Stainless Steel (Type 304), With Rubber Seat Facing
End Details	Flanged Ends
Test Pressure	Body: 21 kg/cm ² g (300Psig) Hyd., Seat: 14 kg/cm ² g (200Psig) Hyd.
Max. Working Temperature	110°C

- Rust Free Service
- Type A Specification
- Compact Design with excellent flow characteristics
- PTFE Gland packing for longer life and smooth operation of stem
- Smooth operation of blank cap for quick mounting of water pipe



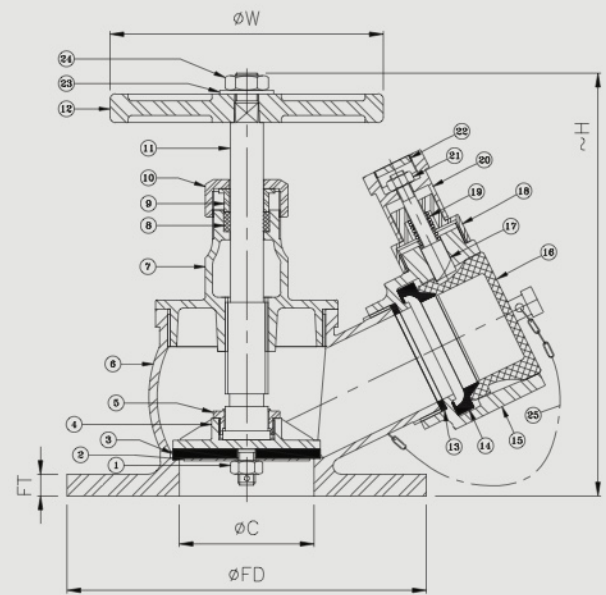
Suitable for

- Water
- Steam
- Gas
- Oil
- Air

HSN Code - 84818030

Material Specification

S.No	Description	No.	Material	Specifications
1, 2	Seat Nut, Seat Washer	1	Stainless Steel	Type 410
3	Seat	1	Rubber	IS 937
4, 6, 7	Disc, Body, Bonnet	1	Cast Stainless Steel	ASTM A 351 Gr. CF8 (SS 304)
5	Check Nut	1	Stainless Steel	Type 410
8	Packing	1	Cast Stainless Steel	ASTM A 351 Gr. CF8 (SS 304)
9, 10, 11	Gland, Gland Nut, Stem	1	Stainless Steel	Type 410
12	Handwheel	1	Cast Iron	IS 210 Gr. FG200
13, 14	Gasket, Seal	1	Rubber	IS 937
15	Coupling	1	Cast Stainless Steel	ASTM A 351 Gr. CF8 (SS 304)
16	Blank Cap	1	ABS	-
17	Cam Tooth	1	Stainless Steel	IS 3444 GR.1 (SS 304)
18	Housing	1	Stainless Steel	Type 410
19	Spring	1	Stainless Steel	SS 304
20, 21, 22	Puller, Nut, Cap	1	Stainless Steel	Type 410
23, 24	Washer, Handwheel Nut	1	Carbon Steel	-
25	Chain	1	Carbon Steel	-



Sizes & Dimensions

Size (mm)	øFD	FT	øC	H	øW
80	200	12	75	235	152

**ATAM**

Investment Casting Stainless Steel (CF8) Concealed Ball Valve (Master Control Valve), PN-25

IC-100

Testing Standard	API-598
Pressure / Class Rating	PN-25
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8)
Product Description	Screwed in Bonnet, PTFE Seat, SS Internal Parts
Type of Seat	PTFE
Trim	Stainless Steel (Type 304)
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 545 Psig (Hyd.), Seat: 400 Psig (Hyd.)

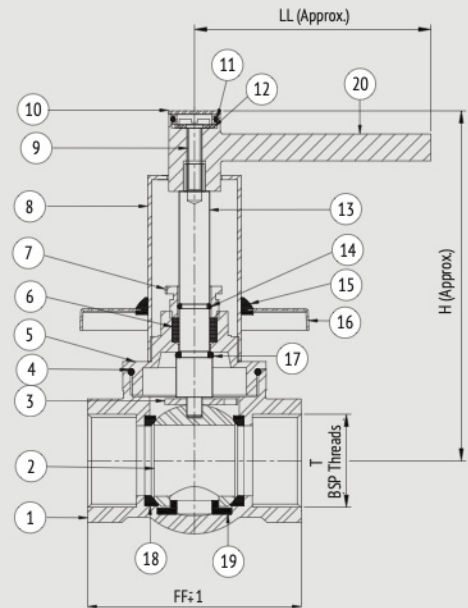


- Suitable for
- Water
 - Steam
 - Gas
 - Oil
 - Air

HSN Code - 84813000

Material Specification

S.No	Description	No.	Material
1, 5	Body, Bonnet	1	Cast Stainless Steel ASTM A 351 Gr. CF8
2	Ball	1	AISI 304 (Super Finished)
3	Stopper Plate	1	AISI 304 Sheet
4	Joint O-Ring	1	Nitrile
6	Gland Packing	To Suit	PTFE
7, 10	Gland, Cap	1	AISI 304
8	Casing	1	AISI 304 Sheet
9	Slotted Pan Head Screw	1	Zinc Plated Steel
11	O-Ring 3	1	Nitrile
12, 13	Washer, Stem	1	AISI 304
14	O-Ring 2	1	Nitrile
15	Flange Joint Ring	1	Nitrile
16, 20	Flange, Lever	1	AISI 304
17	O-Ring 1	1	Nitrile
18	Seat Ring	2	PTFE
19	Support Washer	1	Nitrile



Sizes & Dimensions

Size (mm)	FF	H	LL	T
25	70	115	77	1"



Valves, Fittings & Boiler Mountings



Ball Valves

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