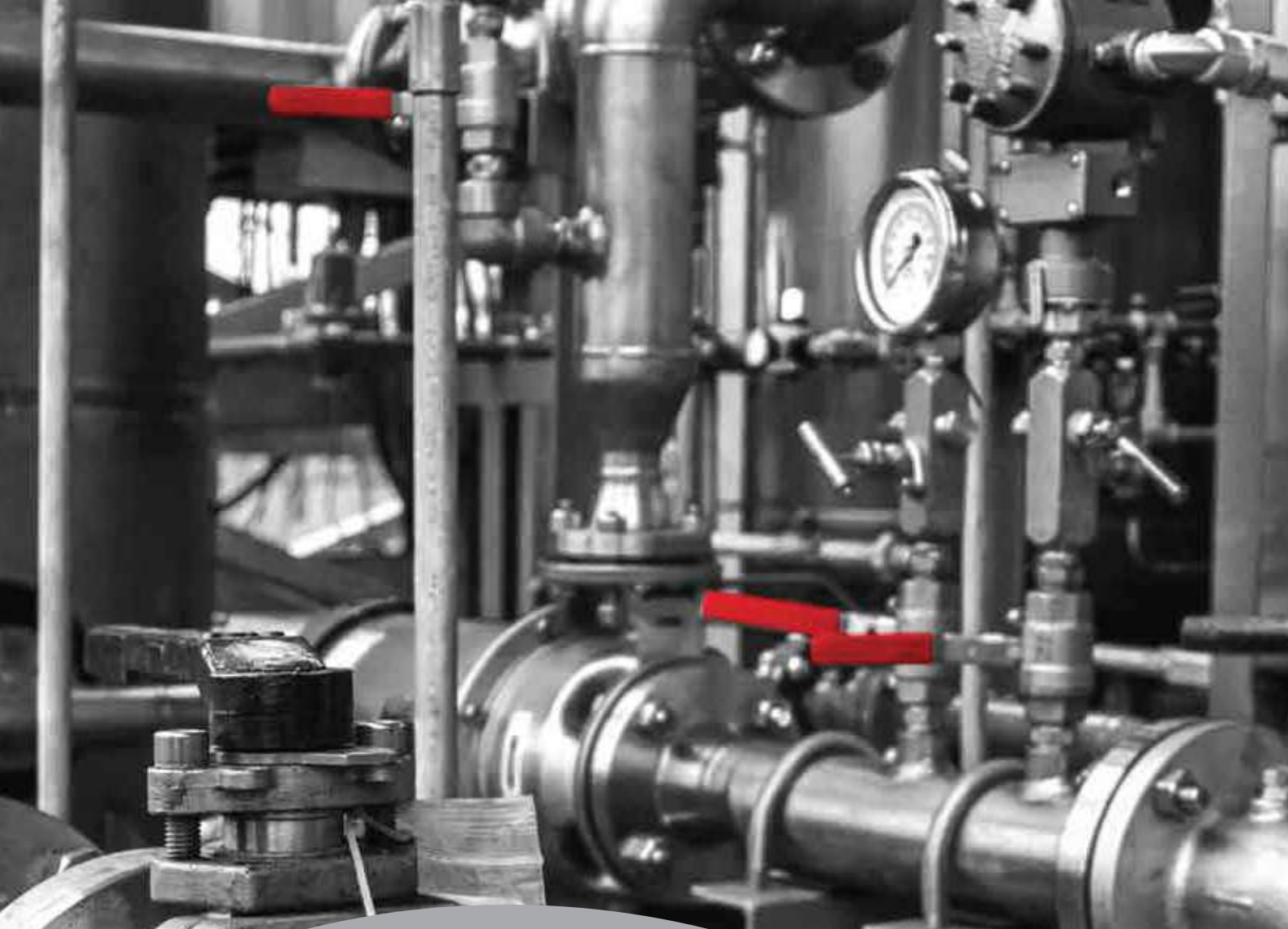

fluir Controls

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BALL VALVE — Series 2200 | 3300

BUTTERFLY VALVE — Series 300

CHECK VALVE — Series 700

GATE VALVE — Series 500

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UPVC VALVE — Series 4000

Y TYPE STRAINER — Series 150

fluir Controls

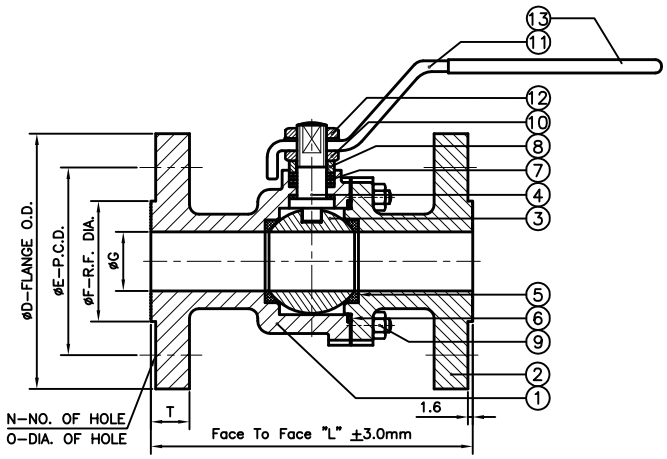
BALL VALVE

2 Pc, Full Bore, 150#

FEATURES :

* Fire Safe Design [Optional]
* Blowout Proof Stem
* Antistatic Device [Optional]
* Low Operating Torque
* Leak Tight Stem Sealing
* Pneumatic | Gear Operation [Optional]

Pressure Rating : 150 #
End Connection : Flanged End, RF
Flange Drilling : As per ANSI B 16.5, 150 #
Face To Face : As per ANSI B 16.10
Operation : Manual Hand Lever Operated



NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB |
02	Side Piece	A 351 GR. CF 8 | CF8M | CF3 | CF3M
03	Ball	AISI 304 |316| 304L|316L | CF8 | 8M |3|3M
		Solid Ball Up To 20NB&Above Hollow Ball
04	Stem	AISI 304 | 316 | 304L | 316L
05	Ball Seat	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
06	Body Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
07	Gland Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
08	Gland Bush	AISI 304 | 316 | 304L | 316L
09	Stud & Nut	C.S. | B7 | 2H | S.S. 304 | 316
10	Gland Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
11	Hand Lever	CARBON STEEL | S.S.
12	Hand Lever Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
13	Lever Sleeve	P.V.C.

TESTING STANDARD : BS EN 12266 I | API 607

Test Pressure in PSIG | BAR | Kg/cm²						
Test	Hydrostatic			Air		
Pr. Rating	150 #					
Body	425	29.3	30	--	--	--
Seat	300	20.7	21	80	5.5	5.6

DESIGN STANDARD : BS EN ISO 17292 | ASME B 16.34

Dimensions [150 Class] (All Dimensions are in mm)

SIZE	L	G	DRILLING DETAILS					T
			ØD	ØE	ØF	N	ØO	
15	107.9	12.5	89.0	60.5	35.0	4	15.8	9.6
20	117.3	19	98.5	70.0	43.0	4	15.8	10.4
25	127	25	108.0	79.2	50.8	4	15.8	11.1
40	165.1	38	127.0	98.5	73.0	4	15.8	14.3
50	177.8	50	152.4	120.6	92.1	4	19	15.5
65	192	63	177.8	139.7	104.7	4	19	17.5
80	203	75	190.5	152.4	127.0	4	19	19
100	229	100	228.6	190.5	157.2	8	19	23.3
150	267	150	279	241.3	215.9	8	22	25.4

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

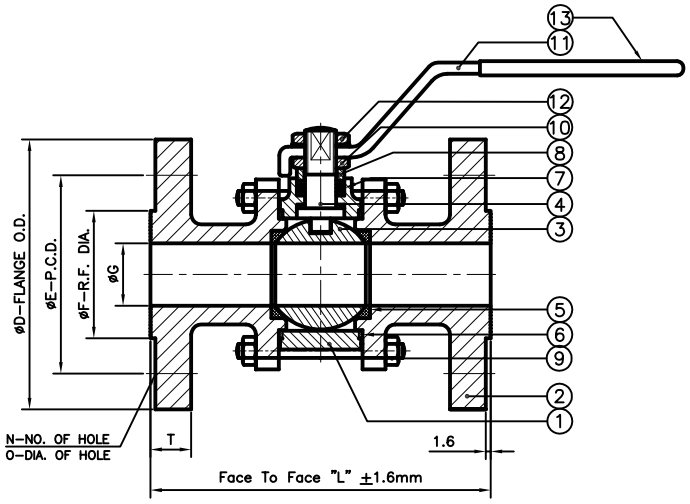
BALL VALVE

3 Pc Design, Full Bore, 150#

FEATURES :

* Fire Safe Design [Optional]
* Low Operating Torque
* Leak Tight Stem Sealing
* Pneumatic | Gear Operation [Optional}

Pressure Rating : 150 #
End Connection : Flanged End, RF
Flange Drilling : As per ANSI B 16.5, 150 #
Face To Face : As per ANSI B 16.10
Operation : Manual Hand Lever Operated



NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB |
02	Side Piece	A 351 GR. CF 8 | CF8M | CF3 | CF3M
03	Ball	AISI 304 |316| 304L|316L | CF8 | 8M |3|3M
		Solid Ball Up To 20NB&Above Hollow Ball
04	Stem	AISI 304 | 316 | 304L | 316L
05	Ball Seat	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
06	Body Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
07	Gland Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
08	Gland Bush	AISI 304 | 316 | 304L | 316L
09	Stud & Nut	C.S. | B7 | 2H | S.S. 304 | 316
10	Gland Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
11	Hand Lever	CARBON STEEL | S.S.
12	Hand Lever Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
13	Lever Sleeve	P.V.C.

TESTING STANDARD : BS EN 12266 I | API 607

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic			Air		
Pr. Rating	150 #					
Body	425	29.3	30	--	--	--
Seat	300	20.7	21	80	5.5	5.6

DESIGN STANDARD : BS EN ISO 17292 | ASME B 16.34

Dimensions [150 Class]								(All Dimensions are in mm)
SIZE	L	G	DRILLING DETAILS					T
			ØD	ØE	ØF	N	ØO	
15	107.9	12.5	89.0	60.5	35.0	4	15.8	9.6
20	117.3	19	98.5	70.0	43.0	4	15.8	10.4
25	127	25	108.0	79.2	50.8	4	15.8	11.1
32	139.7	32	117.3	88.9	63.5	4	15.8	14.2
40	165.1	38	127.0	98.5	73.0	4	15.8	12.7
50	177.8	50	152.4	120.6	92.1	4	19	15.4
65	190.5	63	177.8	139.7	104.7	4	19	16
80	203.2	75	190.5	152.4	127.0	4	19	16.5
100	225.6	100	228.6	190.5	157.2	8	19	19
150	267	150	279	241.3	215.9	8	22	25.4

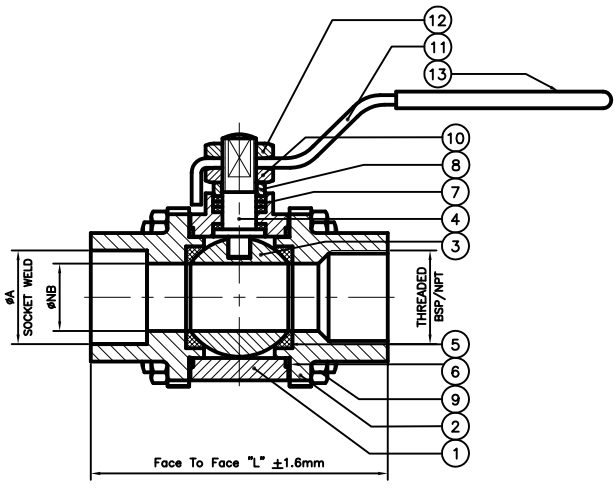
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

BALL VALVE

3 Pc Design, Full Bore, 150#



Pressure Rating : 150 #
End Connection : Screwed End [BSP | NPT]
: Socket Weld End
Screwed End : As per ASME B 1.20.1
Socket Weld End : As per ANSI B 16.11
Operation : Manual Hand Lever Operated

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB |
02	Side Piece	A 351 GR. CF 8 | CF8M | CF3 | CF3M
03	Ball	AISI 304 |316| 304L|316L | CF8 | 8M |3|3M
		Solid Ball Up To 20NB&Above Hollow Ball
04	Stem	AISI 304 | 316 | 304L | 316L
05	Ball Seat	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
06	Body Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
07	Gland Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
08	Gland Bush	AISI 304 | 316 | 304L | 316L
09	Stud & Nut	C.S. | B7 | 2H | S.S. 304 | 316
10	Gland Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
11	Hand Lever	CARBON STEEL | S.S. 202
12	Hand Lever Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
13	Lever Sleeve	P.V.C.

TESTING STANDARD : BS EN 12266 I | API 607

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic			Air		
Pr. Rating	150 #					
Body	425	29.3	30	--	--	--
Seat	300	20.7	21	80	5.5	5.6

DESIGN STANDARD : BS EN ISO 17292

Dimensions [150 Class]			(All Dimensions are in mm)
SIZE	L	ØA	ØNB
15	78	21.7	12.7
20	91	27.1	19
25	92	33.8	25
40	118	48.6	38
50	137	61.1	50
65	141	73.4	63
80	163	89.3	75

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

HAND LEVER & GEAR

3 Way | 4 Way | 5 Way Ball Valve (1/2" to 6" Screwed | Flanged | Triclover | Socket Weld)

FEATURES :

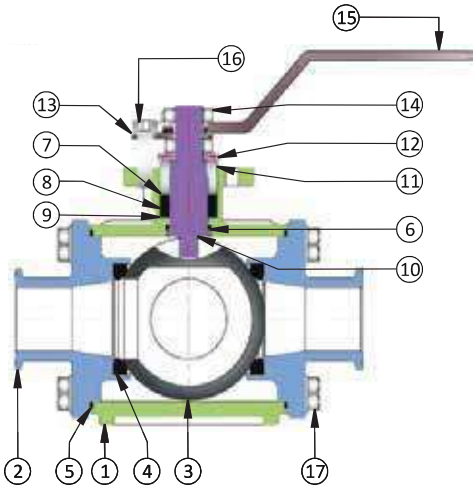
* Body & End are investment Cast
* Self adjusting stem packing
* Available in 3way & 4way & 5way L-port port | X port
* 4piece ball seats
* Blow - out proof stem design anti blow - out proof stem design

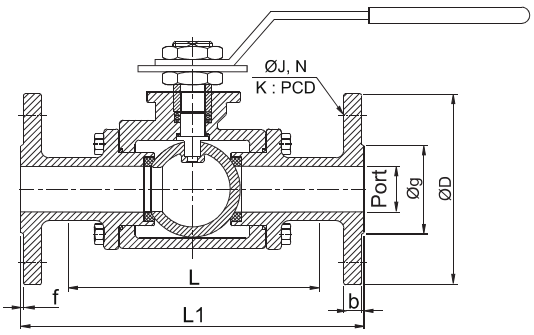
STANDARD

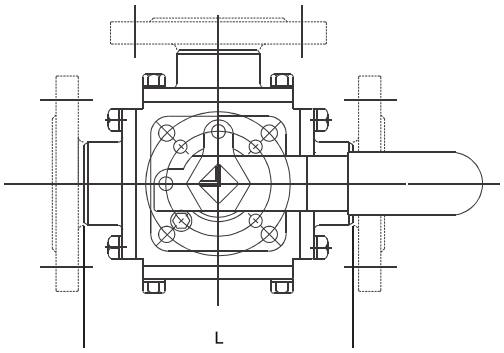
Design and Manufacturing	: ASME B 16.34 | API 6D
Valve Face to Face Dimension	: As per Manufacturer
Flange Standard Conformity	: ASME B 16.5 Class 150, 300
Inspection & Testing	: API 598 | FCI - 702 | BS EN 12266-1

NOMENCLATURE :

No	Description	Material
01	Body	WCB | CF8 | CF8M
02	Screw End Connection	WCB | CF8 | CF8M
03	Ball	CF8 | CF8M
04	Ball Seat	PTFE | GFT
05	Body Seat	PTFE | GFT
06	Stem Packing	PTFE
07	U - Seat	PTFE
08	V - Seat	PTFE
09	Base Seat	PTFE
10	Stem Pin	S.S.304
11	Gland Spacer Washer	S.S.304
12	Disc Washer	S.S.304
13	Platter	S.S.304
14	Handle Nut	S.S.304
15	Handle	S.S.304
16	Handle Stopper	S.S.304
17	Body Fitting	S.S.304
	Hex Bolt + Washer	
18	Blind End Connection	CF8 | CF8M







Dimensions : **(All Dimensions are in mm)**

Valve Size		Screwed		Flanged 150 #									Weight (Approx)	Flanged 300 #								K : PCD
MM	Inch	L	Weight	L1	b	f	Port	ØG	ØD	ØJ	N	K : PCD		L1	b	f	Port	ØG	ØD	ØJ	N	
15	1/2"	104	2.250	151	8	2	13	34.9	88	4	15.9	60.3	4.440	160	12.7	2	13	34.9	95	15.9	4	66.7
20	3/4"	112	3.050	165	8.9	2	19	42.9	98	4	15.9	69.9	5.800	177	14.3	2	19	42.9	115	19.05	4	82.6
25	1"	130	4.350	192	9.6	2	25	50.8	110	4	15.9	79.4	7.650	202	15.9	2	25	50.8	125	19.05	4	88.9
32	1.1/4"	141	5.050	211	11.2	2	32	63.5	115	4	15.9	88.9	---	208	17.5	2	32	63.5	135	19.05	4	98.4
40	1.1/2"	159	10.100	218	12.7	2	38	73	125	4	15.9	98.4	15.600	234	19.1	2	38	73	155	22.2	4	114.3
50	2"	192	16.500	253	14.3	2	49	92.1	150	4	19.05	120.7	26.450	274	20.7	2	49	92.1	165	19.05	8	127
65	2.1/2"	297	---	295	15.9	2	64	104.8	180	4	19.05	139.7	35.200	300	23.9	2	62	104.8	190	22.2	8	149.2
80	3"	304	---	306	17.5	2	76	127	190	4	19.05	152.4	46.300	327	27	2	74	127	210	22.2	8	168.3
100	4"	324	---	371	22.3	2	98	157.2	230	8	19.05	190.5	80.050	395	30.2	2	100	157.2	255	22.2	8	200
125	5"	--	---	--	22.3	2	125	185.7	255	8	22.2	215.9	82.100	--	33.4	2	125	185.7	280	22.2	8	235
150	6"	--	---	428	23.9	2	150	215.9	280	8	22.2	241.3	---	468	35	2	150	215.9	320	22.2	12	269.9

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

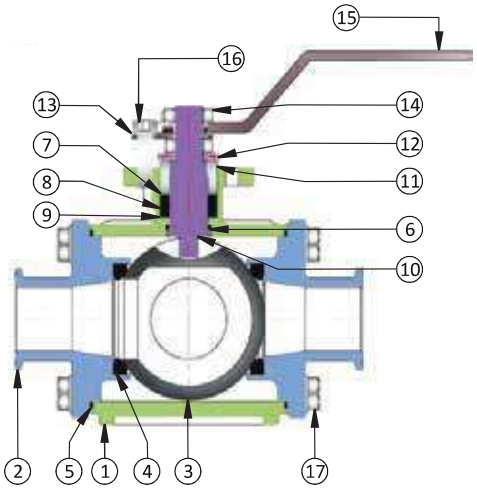
fluir Controls

HAND LEVER & GEAR

3 Way | 4 Way | 5 Way Ball Valve (1/2" to 6" Screwed | Flanged | Triclover | Socket Weld)

FEATURES :

* Body & End are investment Cast
* Self adjusting stem packing
* Available in 3way & 4way & 5way L-port port | X port
* 4piece ball seats
* Blow - out proof stem design anti blow - out proof stem design



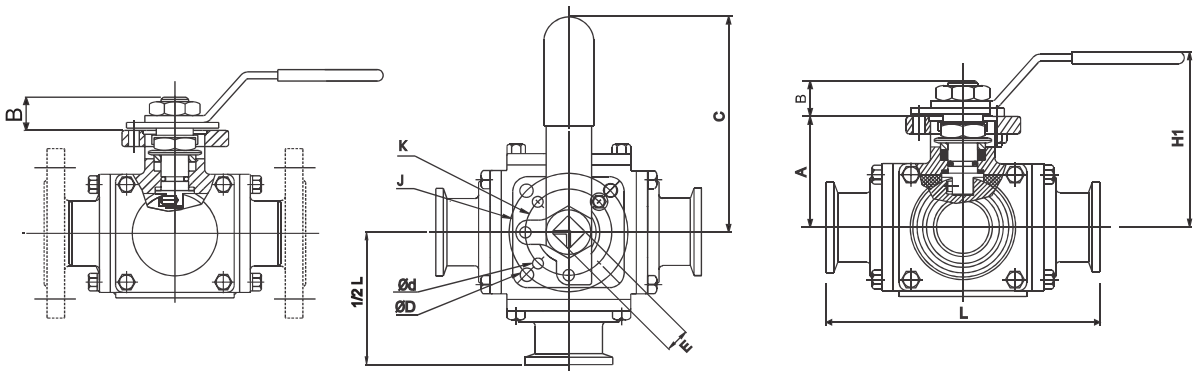
STANDARD

Design and Manufacturing	: ASME B 16.34 | API 6D
Valve Face to Face Dimension	: As per Manufacturer
Flange Standard Conformity	: ASME B 16.5 Class 150, 300
Inspection & Testing	: API 598 | FCI - 702 | BS EN 12266-1

NOMENCLATURE :

No	Description	Material
01	Body	WCB | CF8 | CF8M
02	Screw End Connection	WCB | CF8 | CF8M
03	Ball	CF8 | CF8M
04	Ball Seat	PTFE | GFT
05	Body Seat	PTFE | GFT
06	Stem Packing	PTFE
07	U - Seat	PTFE
08	V - Seat	PTFE
09	Base Seat	PTFE
10	Stem Pin	S.S.304
11	Gland Spacer Washer	S.S.304
12	Disc Washer	S.S.304
13	Platter	S.S.304
14	Handle Nut	S.S.304
15	Handle	S.S.304
16	Handle Stopper	S.S.304
17	Body Fitting	S.S.304
	Hex Bolt + Washer	
18	Blind End Connection	CF8 | CF8M

3 Way | 4 Way Ball Valve - Triclover End



Dimensions : (All Dimensions are in mm)

Valve Size MM	Valve Size Inch	A	B	C	Ed	ED	H1	K	J	E	Port	L
15	1/2"	41	11	125	6.0	0.6	67.0	36	42	9	12.5	133
20	3/4"	49	14	160	6.0	7.1	80.8	42	50	11	17	140
25	1"	55	14	160	6.0	7.1	87.5	42	50	11	22	160
40	1.1/2"	74	18	205	7.1	9.2	114	50	70	14	35	183
50	2"	93	23	325	9.2	11.4	140	70	102	17	47	217
65	2.1/2"	73.5	25	-	-	11.5	250	-	102	22	-	-
80	3"	81.5	25	-	-	11.5	285	-	102	22	-	-
100	4"	99.5	25	-	-	11.5	330	-	102	22	-	-

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

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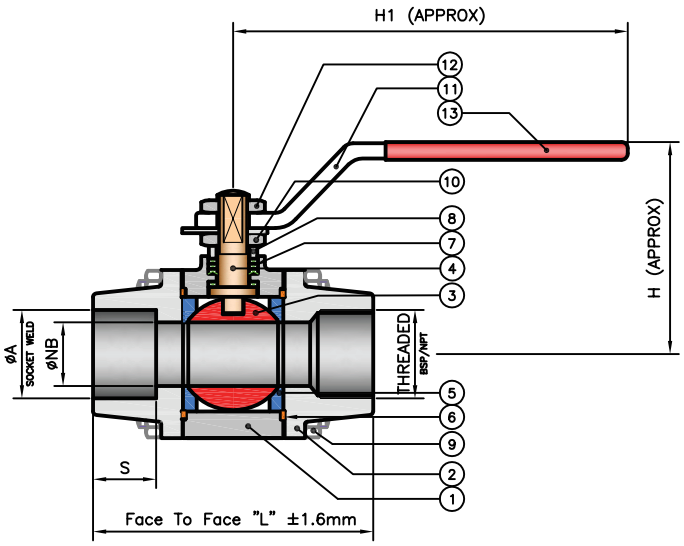
BALL VALVE

3 Pc, Design, Regular Port, Lever Operated

FEATURES :

* Fire Safe Design [Optional]
* Blowout Proof Stem
* Antistatic Device [Optional]
* Low Operating Torque
* Leak Tight Stem Sealing

Pressure Rating : 800 #
End Connection : SCREWED END [BSP | NPT]
: SOCKET WELD END
Screwed End : As per ASME B 1.20.1
Socket Weld End : As per ANSI B 16.11



NOMENCLATURE :

No	Description	Material
01	Body	A 105
02	Side Piece	A 182 F 304 | 304L |316 | 316L
03	Ball	A 351 GR. CF8 | 8M | CF3 | CF3M
04	Stem	A 276 T-304 | 316 | 304L | 316L
05	Ball Seat	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
06	Body Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
07	Gland Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
08	Gland Bush	A 276 T-304 | 316 | 304L | 316L
09	Stud & Nut	A 193 GR. B7 | 2H | S.S. 304 | 316
10	Gland Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
11	Hand Lever	C.S.
12	Hand Lever Nut	C.S. | S.S.
13	Lever Sleeve	P.V.C.

TESTING STANDARD : BS EN 12266 I | API 607

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic			Air		
Pr. Rating	800 #					
Body	3000	207	211	--	--	--
Seat	2000	138	141	80	5.5	5.6

DESIGN STANDARD : BS 5159

Dimensions [800 Class]						(All Dimensions are in mm)
SIZE	L	ØA	ØNB	S	H	H1
15	67	21.7	9	9.7	50	130
20	73	27.1	13.5	12.7	55	130
25	95	33.8	20	12.7	60	150
40	116	48.6	29	12.7	80	180
50	128	61.1	37	15.9	88	180

** Others Class Dimensions On Request

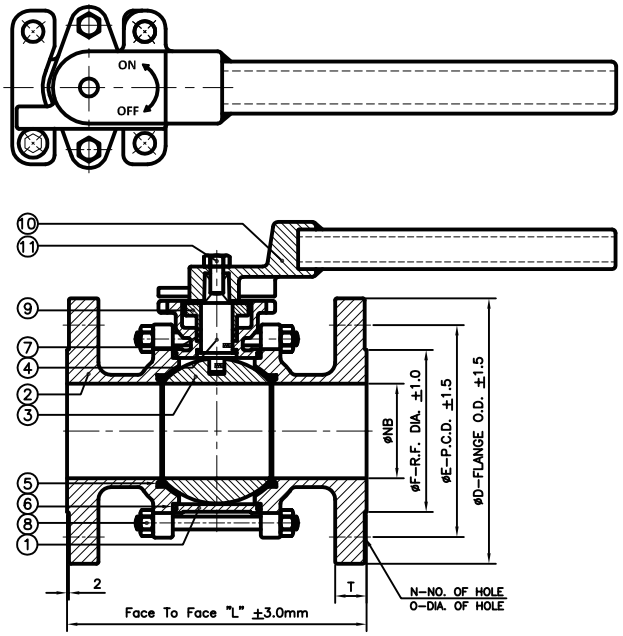
Note : Dimensions are Subject to Change without any prior information for R&D Purpose

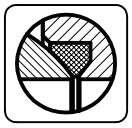
DIRECT MOUNTING PAD BLL VALVE

FEATURES :

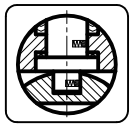
* Fire Safe Design [Optional]
* Blowout Proof Stem
* Antistatic Device [Optional]
* Low Operating Torque
* Leak Tight Stem Sealing
* Pneumatic | Gear Operation [Optional]

Pressure Rating : 150 #
End Connection : Flanged End, RF
Flange Drilling : As per ANSI B 16.5, Class 150 #
Face To Face : As per ANSI B 16.10
Operation : Manual Hand Lever Operated





FIRE SAFE DESIGN



ANTISTATIC DEVICE

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB |
02	Side Piece	A 351 GR. CF 8 | 8M | 3 | 3M | CN 7M
03	Ball	A 351 GR. CF 8 | 8M | 3 | 3M | CN 7M
		Solid Ball Up To 20NB&Above Hollow Ball
04	Stem	AISI 304 | 316 | 304L | 316L
05	Ball Seat	P.T.F.E. (VIRGIN) | GFT | CFT
06	Body Seal	P.T.F.E. (VIRGIN) | GFT | CFT|GRAPHITE RING
07	Gland Seal	P.T.F.E. (VIRGIN) | GFT | CFT|GRAPHITE RING
08	Stud & Nut | Fastener	C.S.| A 193 GR. B7|2H|S.S. 304 | 316
09	Gland Flange	C.S. | A 194 GR.2H | S.S. 304 | 316
10	Hand Lever	C.S. | S.S.
11	Hand Lever Bolt	C.S. | 194 GR. 2H | S.S. 304 | 316

TESTING STANDARD : BS 6755 - I | II

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic			Air		
Pr. Rating	150 #					
Body	425	29.3	30	--	--	--
Seat	300	20.7	21	80	5.5	5.6

DESIGN STANDARD : ASME B 16.34 | API 6D | ISO 17292 (BS 5351)

Dimensions [150 Class] (All Dimensions are in mm)

SIZE	L	ØNB	ØD	ØF	FLANGE DRILLING			T	ISO 5211		
					ØE	N	ØO		PCD	SH	S
15	108	14	89.0	35	60.3	4	15.8	9.6	F04 | 42	9	9
20	117	20	98.5	43	69.8	4	15.8	10.4	F04 | 42	9	9
25	127	25	108.0	51	79.4	4	15.8	11.1	F05 | 50	11	11
32	140	32	117.5	63.5	88.9	4	15.8	12.7	F05 | 50	11	11
40	165	38	127.0	73	98.4	4	15.8	14.2	F07 | 70	15	14
50	178	50	152.4	92	120.6	4	19	15.7	F07 | 70	15	14
65	190	63	177.8	105	139.7	4	19	17.5	F10 | 102	18	17
80	203	75	190.5	127	152.4	4	19	19	F10 | 102	18	17
100	229	100	228.6	157	190.5	8	19	23.8	F10 | 102	23	22
150	267	150	279.4	216	241.3	8	22	25.4	F14 | 140	28	27

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

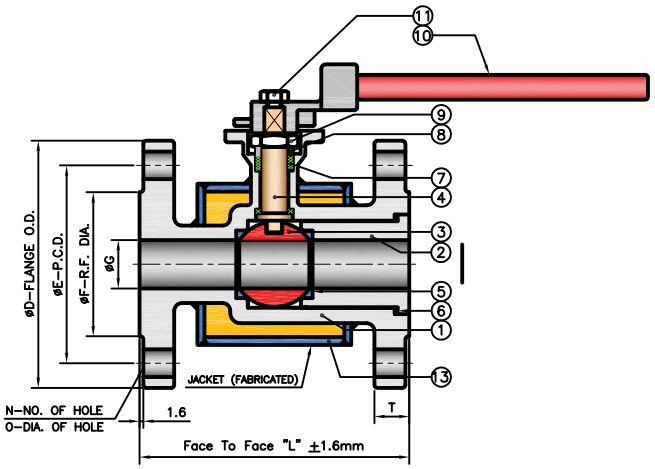
fluir Controls

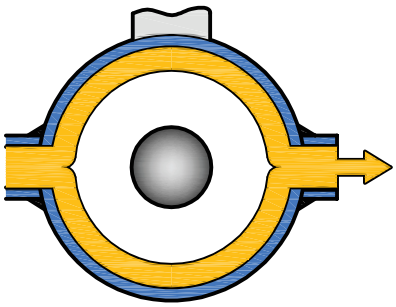
HALF JACKETED BALL VALVE

FEATURES :

* Low Operating Torque
* Leak Tight Stem Sealing

Pressure Rating : 150 #
End Connection : Flanged End, RF
Flange Drilling : As per ANSI B 16.5, 150 #
Face To Face : As per ANSI B 16.10
Operation : Manual Hand Lever Operated





Steam | Oil Cerculation Path

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB |
02	Side Piece	A 351 GR. CF 8 | CF8M | CF3 | CF3M
03	Ball	AISI 304 |316| 304L|316L | CF8 | 8M | 3 | 3M
		Solid Ball Up To 20NB&Above Hollow Ball
04	Stem	AISI 304 | 316 | 304L | 316L
05	Ball Seat	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
06	Body Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
07	Gland Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
08	Gland Bush	AISI 304 | 316 | 304L | 316L
09	Gland Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
10	Hand Lever	CARBON STEEL | S.S.
11	Hand Lever Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
12	Lever Sleeve	P.V.C.
13	Jacket (Fabricated)	M.S. | S.S. 304 | 316
14	Coupling	C.S. | S.S. 304 | 316

TESTING STANDARD : BS EN 12266 I

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic			Air		
Pr. Rating	150 #					
Body	425	29.3	30	--	--	--
Seat	300	20.7	21	80	5.5	5.6
Jacket Test	80	5.5	5.6	--	--	--

DESIGN STANDARD : BS EN ISO 17292 | ASME B 16.34

Dimensions [150 Class] (All Dimensions are in mm)

SIZE	L	G	DRILLING DETAILS					T
			ØD	ØE	ØF	N	ØO	
40	165.1	38	127.0	98.55	73.0	4	15.8	12.7
50	177.8	50	152.4	120.6	92.1	4	19	15.4
65	190.5	63	177.8	139.7	104.7	4	19	16
80	203.2	63	190.5	152.4	127.0	4	19	16.5
100	228.6	75	228.6	190.5	157.2	8	19	19

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

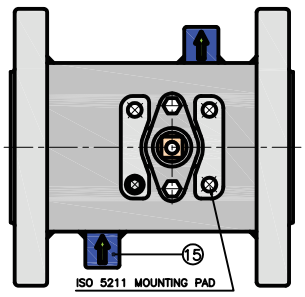
FULL JACKETED BALL VALVE

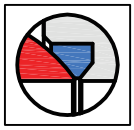
An ISO 5211 Mounting Pad for Direct Mounting of Actuator | Gear

FEATURES :

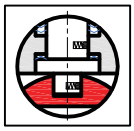
* Fire Safe Design
* Blowout Proof Stem
* Antistatic Device
* V-Seal Gland Packing
* Easy to Mount Actuator
* Low Operating Torque
* Leak Tight Stem Sealing
* Open | Close Locking Device
* Bolted Gland Tight Arrangement

Pressure Rating : 150 #
End Connection : Flanged End, RF
Flange Drilling : As per ANSI B 16.5, Class 150 #
Face To Face : As per ANSI B 16.10
Operation : Manual Hand Lever Operated with Locking Device At Open | Close Position
: By Help of Two Hand or One
Jacket Connection : Size 1/2" BSP | NPT up to 80X100
Size 1" BSP | NPT from 150X250
Flanged End Connection on Request

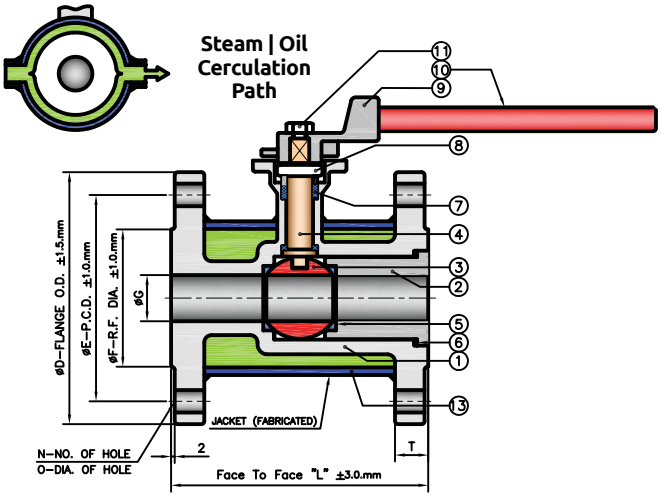




FIRE SAFE DESIGN



ANTISTATIC DEVICE



NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB |
02	Insert	A 351 GR. CF 8 | CF8M | CF3 | CF3M (Investment Casting - lost Wax Process)
03	Ball	ASTM A 182 F 304 |316| 304L|316L (Forged S.S.) Solid Ball
04	Stem	AISTM A 276 T-304 | 316 | 304L | 316L
05	Ball Seat	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
06	Body Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
07	Gland Packing	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
08	Gland Flange	A 351 GR. CF8 | CF8M CF3 | CF3M
09	Hand Lever Socket	ASTM A 216 GR. WCB (Carbon Steel)
10	Hand Lever Pipe	ASTM A 106 GR. B (Carbon Steel)
11	Lever Fitting Bolt	S.S. 202 | 304 | 316
12	Jacket	CARBON STEEL | S.S. 304 | 316 | 304L | 316L
13	Coupling	FORGED C.S. | S.S. 304 | 316

TESTING STANDARD : BS EN 12266 I

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic			Air		
Pr. Rating	150 #					
Body	425	29.3	30	--	--	--
Seat	300	20.7	21	80	5.5	5.6
Jacket Test	145	9.8	10	--	--	--

DESIGN STANDARD : BS EN ISO 17292 | ASME B 16.34

Dimensions [150 Class] (All Dimensions are in mm)

SIZE	L	G	DRILLING DETAILS					T	ISO 5211 P.C.D	
			ØD	ØE	ØF	N	ØO			
15X40	165	12.5	127.0	98.5	73.0	4	15.8	14.3	F-05	50
20X40	165	19	127.0	98.5	73.0	4	15.8	14.3	F-05	50
25X50	178	25	152.4	120.6	92.1	4	19	15.8	F-05	50
40X65	190.5	38	177.8	139.7	104.7	4	19	17.7	F-07	70
50X80	203	50	190.5	152.4	127.0	4	19	19	F-07	70
65X100	229	63	228.6	190.5	157.2	8	19	23.8	F-07	70
80X100	229	75	228.6	190.5	157.2	8	19	23.8	F-10	102
100X150	267	100	279.0	241.3	215.9	8	22	25.4	F-10	102
150X250	292.1	150	406.4	361.9	323.8	12	25.4	30.2	F-12	125

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

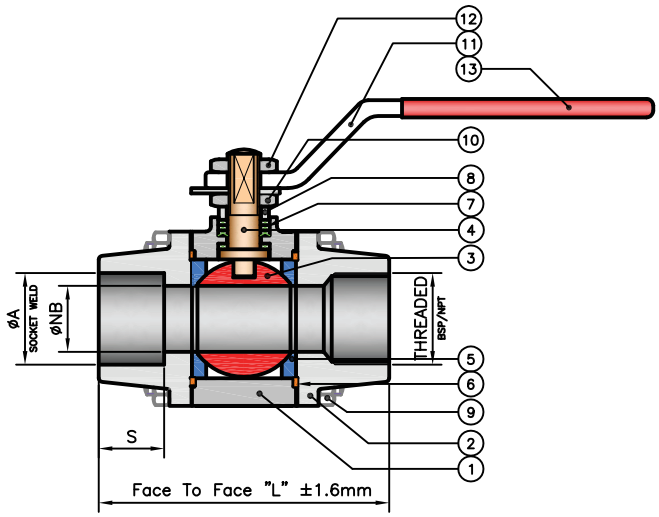
BALL VALVE

3 Pc, Design, Regular Port, Lever Operated

FEATURES :

* Fire Safe Design [Optional]
* Blowout Proof Stem
* Antistatic Device [Optional]
* Low Operating Torque
* Leak Tight Stem Sealing

Pressure Rating : 400 #
End Connection : Screwed End [BSP | NPT]
: Socket Weld End
Screwed End : As per ASME B 1.20.1
Socket Weld End : As per ANSI B 16.11



NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB
02	Side Piece	A 351 GR. CF8 | 8M | CF3 | CF3M
03	Ball	A 351 GR. CF8 | 8M | CF3 | CF3M
04	Stem	A 276 T-304 | 316 | 304L | 316L
05	Ball Seat	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
06	Body Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
07	Gland Seal	P.T.F.E. (VIRGIN) | GFT | CARBON FILLED
08	Gland Bush	A 276 T-304 | 316 | 304L | 316L
09	Stud & Nut	A 193 GR. B7 | 2H | S.S. 304 | 316
10	Gland Nut	C.S. | 194 GR. 2H | S.S. 304 | 316
11	Hand Lever	C.S.
12	Hand Lever Nut	C.S. | S.S.
13	Lever Sleeve	P.V.C.

TESTING STANDARD : BS EN 12266 I

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic				Air	
Pr. Rating	400 #					
Body	1450	100	102	--	--	--
Seat	1060	73	75	80	5.5	5.6

DESIGN STANDARD : BS 5159

Dimensions [400 Class]				(All Dimensions are in mm)
SIZE	L	ØA	ØNB	S
15	67	21.7	11.2	9.7
20	73	27.1	14.3	12.7
25	96	33.8	20.5	12.7
40	116	48.6	31.5	12.7
50	128	61.1	38.6	15.9

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

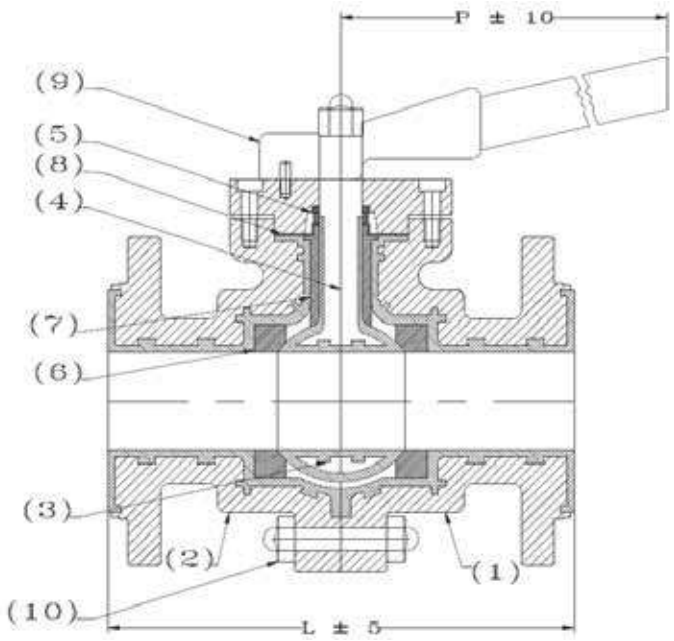
PTFE LINED BALL VALVE

2 Pc, Full Bore, 150#

GENERAL SPECIFICATIONS :

* Temperature - Up to 200° C (PFA Lining)
* Temperature - Up to 160° C (FEP Lining)
* Lining Thickness - Minimum 3mm All Wetted Parts
* Lining spark Test - 15 KV DC

End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 150 #
Face To Face : As per ANSI B 16.10
Operation : Manual Hand Lever Operated



NOMENCLATURE :

No	Description	Material
01	End Piece	D.I. | WCB-CS | CF8(SS304)|CF8M (SS316)
		WITH PFA OR FEP LINING
02	Ball	D.I. | WCB-CS | CF8(SS304)|CF8M (SS316)
		WITH PFA OR FEP LINING
03	Stem	INTEGRAL WITH BALL
04	Gland Bush	C.S. | S.S. 304 | 316
05	Seat Ring	PLT.F.E.(VIRGIN) | GFT | CARBON FILLED
06	Gland Seal	PLT.F.E.(VIRGIN) | GFT | CARBON FILLED
07	Gland Washer	C.S. | S.S.
08	Hand Lever	M.S. | S.S.
09	Bolt & Nut	B7 | 2H | S.S. 304 | 316

TESTING STANDARD : BS EN 12266 I | API 607

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic		
Pr. Rating	150 #		
Body	145	9.8	10
Seat	145	9.8	10

DESIGN STANDARD : BS EN ISO 17292

Dimensions [150 Class]						(All Dimensions are in mm)
SIZE	L	FLANGE DETAILS				
		O.D.	P.C.D.	R.F.DIA.	N0. OF HOLE	HOLE DIA.
15	108	89.0	60.5	35.0	4	15.8
20	118	98.5	70.0	43.0	4	15.8
25	127	108.0	79.2	50.8	4	15.8
40	165	127.0	98.5	73.0	4	15.8
50	178	152.4	120.6	92.1	4	19
65	192	177.8	139.7	104.7	4	19
80	203	190.5	152.4	127.0	4	19
100	229	228.6	190.5	157.2	8	19
150	267	279	241.3	215.9	8	22

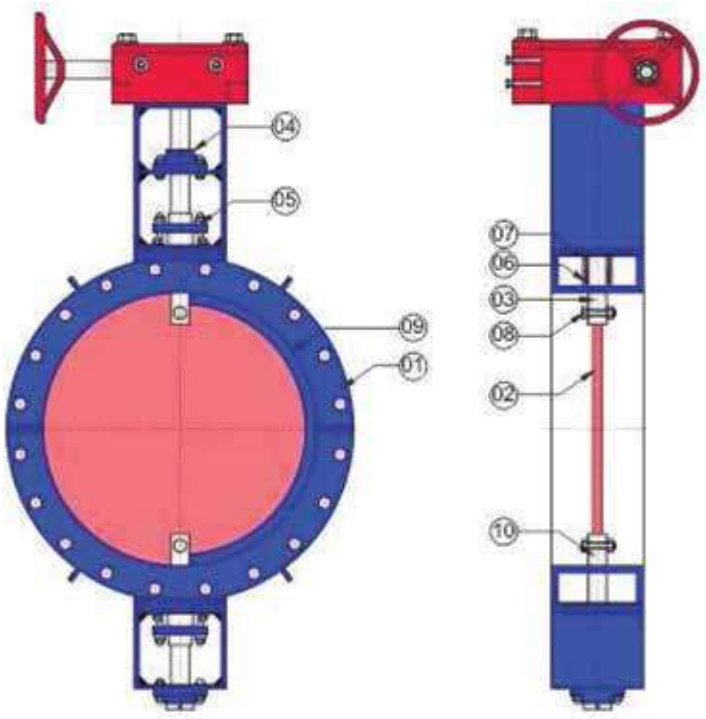
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

BUTTERFLY VALVE

Gear Operated Double Flange Damper Vlave Size Range : 8" to 80"



PRESSURE | TEMPERATURE

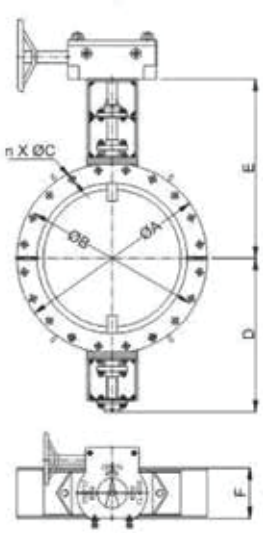
Working Rating : 5 kg/cm²
Temperature : Upto 1200° C

NOMENCLATURE :

No	Description	Material
01	Body	IS 2062 Gr. B
02	Disc	IS 2062 Gr. B
03	Shaft	AISI 410
04	Bearing	STANDARD
05	Gland Pata	IS 2062 Gr.B
06	Teflon Bush	TEFLON
07	Grephite Ring	GRAPHITE
08	Hex Bolt	S.S. 202 | S.S. 304
09	Seat Ring	IS 2062 Gr. B
10	Bottom Shaft	AISI 410

Dimensions (All Dimensions are in mm)

SIZE		ØA	ØB	n	ØC	D	E	F
MM	INCH							
200	8"	320	280	8	18	340	440	150
250	10"	375	335	12	18	366	466	150
300	12"	440	395	12	22	398	498	150
350	14"	690	445	16	22	450	550	150
400	16"	540	495	16	22	450	550	150
450	18"	595	550	16	22	478	578	150
500	20"	645	600	20	22	502	602	200
550	22"	749	692	20	22	610	710	200
600	24"	755	705	20	26	610	710	200
650	26"	785	744	20	26	635	735	200
700	28"	860	810	24	26	610	710	200
750	30"	887	846	24	26	633	723	200
800	32"	975	920	24	30	678	768	200
850	34"	1005	957	24	30	692	782	200
900	36"	1075	1020	24	30	728	818	250
1000	40"	1175	1120	28	30	778	868	250
1100	44"	1276	1222	32	33	948	1038	250
1200	48"	1405	1340	32	33	1022	1112	250
1400	56"	1630	1560	36	36	1025	1095	300
1600	64"	1830	1760	40	36	1125	1195	300
1800	72"	2045	1970	44	39	1252	1302	300
2000	80"	2265	2180	48	42	1462	1562	300



** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

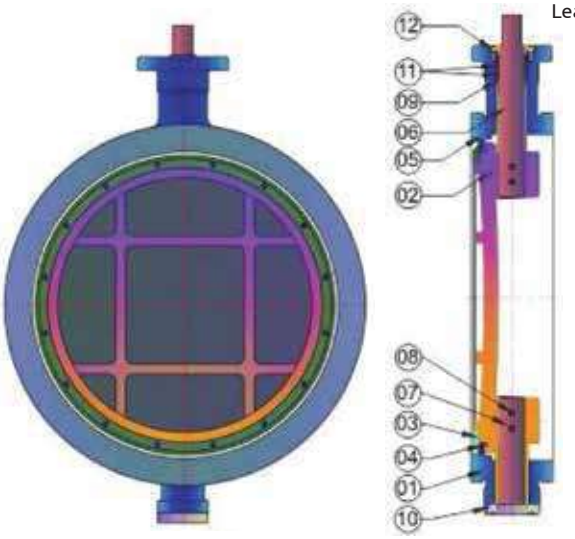
BUTTERFLY VALVE

Hand Lever | Worm Gear Operated Double Eccentric Design off - Set Disc Double Flange

Pressure Rating : 150# (PN 10 | PN 16 | PN 25)
Operating Temperature : NBR - - 10° C TO +90° C
EPDM - - 20° C TO +120° C
VITON - - 0° C TO + 220° C
PTFE - - 25° C TO + 180° C
RPTFE - - 25° C TO + 220° C
TFM - - 25° C TO + 250° C

Size Range : 2.1/2" to 48"

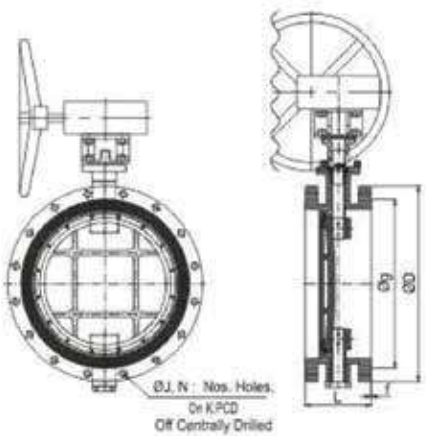
Design and Manufacturing : API 609 | BS 5155 | BSEN 593 | IS 13095 | AWWA C-504
Valve Face to Face Dimensions : API 609 (Short Pattern) | BS 5155 (Short Pattern)
IS 13095 (Short Pattern) / AWWA C - 504 (Short Pattern)
Flange Standard Conformity : ASME B16.47 Class 150 (Upto 24")
ASME B 16.47 Series "A" Class 150 (above 26" to 48")
Inspection & Testing : API 598 | BS 6755 | AWWA C - 504
Pressure Temperature Rating : ASME B 16.34
Top Flange Dimensions : Bolt Hole ISO 5211
Stem Dimensions : Square Drive to ISO 5211
Leakage Class : Class VI as per ANSI B 16, 16.104



NOMENCLATURE :

No	Description	Material
01	Body	C.I. | WCB | CF8 | CF8M | D.I.
02	Disc	C.I. | WCB | CF8 | CF8M | D.I.
03	Retainaer	M.S. | CF8 | CF8M
04	Disc Seal Ring	PTFE | RPTFE | NBR | EPDM | VITON
05	Body Seal Ring	S.S. 304 | 316
06	Shaft	S.S. 304 | 316 | 410
07	Stem Shaft	S.S. 304 | 316 | 410
08	Disc Pin	S.S. 304 | 316 | 410
09	Flange Side Washer	S.S. 304 | 316 | 410
10	Stem Square	M.S. | CF8 | CF8M
11	Gland Seal Set	PTFE | NBR | EDPM | VITON
12	Gland Plate	M.S. | CF8 | CF8M

Dimensions		B 16.5 150 # & B 16.4 "A" 150#						(All Dimensions are in mm)
SIZE		L API - 609	ØD	Øg	f	ØJ	N	K:PCD
MM	INCH							
65	2.1/2"	112	180	104.8	2	19.05	04	139.7
80	3"	114	190	127	2	19.05	04	152.4
100	4"	127	230	157.2	2	19.05	08	190.5
125	5"	140	255	185.7	2	22.2	08	215.9
150	6"	140	280	215.9	2	22.2	08	241.3
200	8"	152	345	269.9	2	22.2	08	298.5
250	10"	165	405	323.8	2	25.4	08	362
300	12"	178	485	381	2	25.4	12	431.8
350	14"	190	535	412.8	2	28.6	12	476.3
400	16"	216	595	469.9	2	28.6	16	539.8
450	18"	222	635	533.4	2	31.75	16	577.9
500	20"	229	700	584.2	2	31.75	20	635
600	24"	267	815	692.2	2	34.9	20	749.3
650	26"	292	870	749	2	34.9	24	806.4
700	28"	292	925	800	2	34.9	28	863.6
750	30"	318	985	857	2	34.9	28	914.4
800	32"	318	1060	914	2	41.3	28	977.9
850	34"	324	1110	965	2	41.3	32	1028.7
900	36"	330	1170	1022	2	41.3	32	1085.8
1000	40"	410	1290	1124	2	41.3	36	1200.2
1050	42"	410	1345	1194	2	41.3	36	1257.3
1200	48"	470	1510	1359	2	41.3	44	1422.4



** Others Class Dimensions On Request

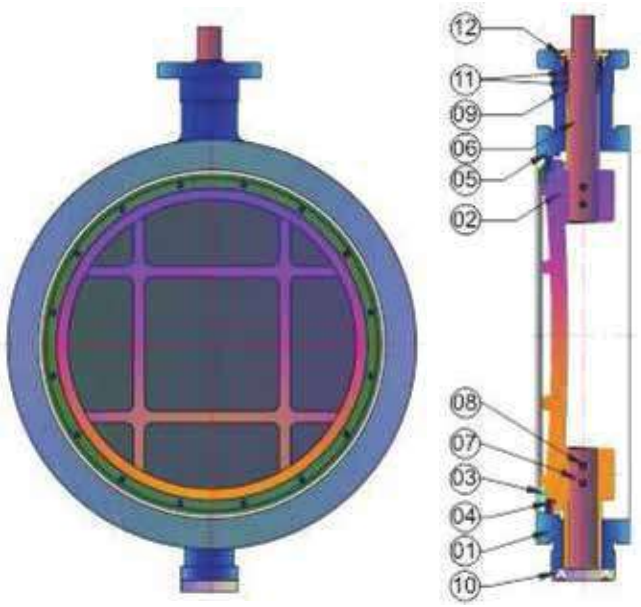
Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

BUTTERFLY VALVE

Hand Lever | Worm Gear Operated Double Eccentric Design off - Set Disc "Wafer" Type Butterfly Valve

Pressure Rating : 150# (PN 10 | PN 16 | PN 25)
Operating Temperature : NBR - - 10° C TO +90° C
EPDM - - 20° C TO +120° C
VITON - - 0° C TO + 220° C
PTFE - - 25° C TO + 180° C
RPTFE - - 25° C TO + 220° C
TFM - - 25° C TO + 250° C



Size Range : 2.1/2" to 48"

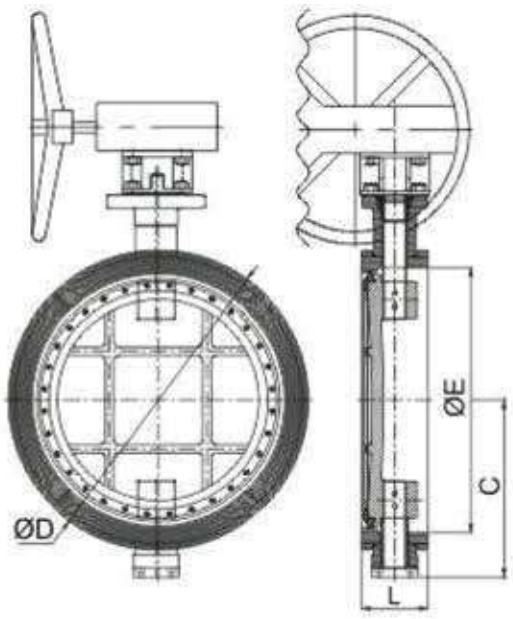
Design and Manufacturing : API 609 Category "B" | MSS SP - 68
Valve Face to Face Dimensions : API 609 Category "B" | ISO 5752 | MSS SP - 68
Flange Standard Conformity : ASME B 16.5 Class 150
ASME B 16.47 Series "A" Class 150
Inspection & Testing : API 598
Pressure Temperature Rating : ASME B 16.34
Top Flange Dimensions : Bolt Hole ISO 5211
Stem Dimensions : Square Drive to ISO 5211
Leakage Class : Class VI as per ANSI B 16, 16.104

NOMENCLATURE :

No	Description	Material
01	Body	C.I. | WCB | CF8 | CF8M | D.I.
02	Disc	C.I. | WCB | CF8 | CF8M | D.I.
03	Retainaer	M.S. | CF8 | CF8M
04	Disc Seal Ring	PTFE | RPTFE | NBR | EPDM | VITON
05	Body Seal Ring	S.S. 304 | 316
06	Shaft	S.S. 304 | 316 | 410
07	Stem Shaft	S.S. 304 | 316 | 410
08	Disc Pin	S.S. 304 | 316 | 410
09	Flange Side Washer	S.S. 304 | 316 | 410
10	Stem Square	M.S. | CF8 | CF8M
11	Gland Seal Set	PTFE | NBR | EDPM | VITON
12	Gland Plate	M.S. | CF8 | CF8M

Dimensions (All Dimensions are in mm)

SIZE		L	ØD	ØE	C
MM	INCH				
100	4"	54	158	110	96
125	5"	56	185.87	120	112
150	6"	57	216	152	115
200	8"	64	270	200	141
250	10"	72	325	255	179
300	12"	81	373	306	210
350	14"	92	412	355	234
400	16"	102	472	400	275
450	18"	114	532	450	327.5
500	20"	127	584	505	359
600	24"	154	692.2	612	409
650	26"	165	749.3	640	640
700	28"	165	800.1	705	500
750	30"	190	857.25	725	571
800	32"	190	915	810	630
850	34"	205	965.2	850	655.5
900	36"	205	1022.35	900	680
1000	40"	300	1124	1000	735
1200	48"	350	1359	1200	915



** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

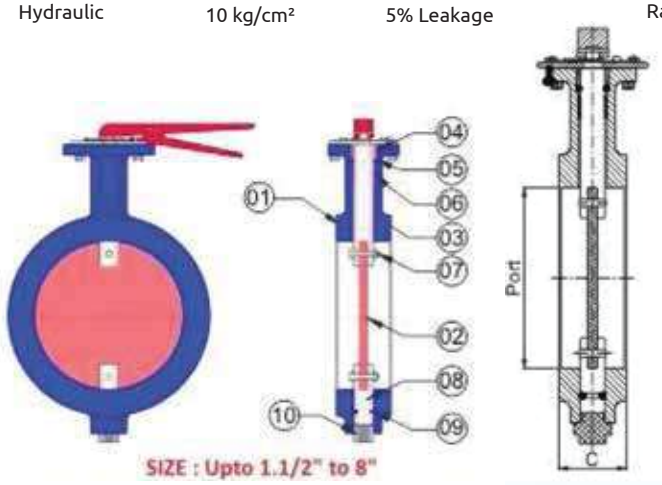
fluir Controls

BUTTERFLY VALVE

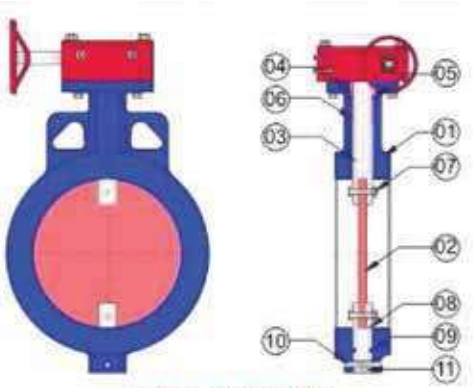
Handle & Worm Gear Operated Wafer Type Damper Valve Size Range : 1.1/2" to 20"

TESTING	BODY	SEAT
Hydraulic	10 kg/cm²	5% Leakage

Pressure Rating : PN 6 (MAXIMUM)
Operating Temperature Range : -25° C to 400° C
: (Depending on MOC) upto 600° C



SIZE : Upto 1.1/2" to 8"



SIZE : Upto 10" to 20"

NOMENCLATURE :

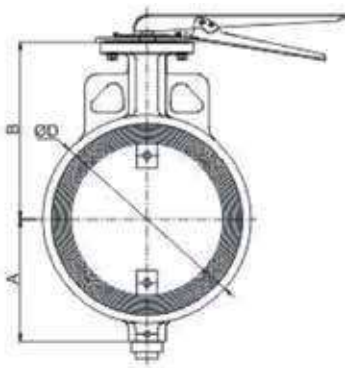
No	Description	Material
01	Body	Gray Iron| C.S. | D.I. | CF8 | CF8M
02	Disc	C.S. | WCB | CF8 | CF8M
03	Shaft	AISI 410 | AISI 304 | AISI 316 | AISI 316L
04	Teflon Bush	TEFLON
05	Graphaile Ring	GRAPHITE
06	Bering Bush	METAL BUSH PTFE COATED
07	Nut & Bolt	S.S. 202 | S.S. 304
08	Bottom Shaft	AISI 410 | AISI 304 | AISI 316 | AISI 316L
09	Graphaile Ring	GRAPHITE
10	Dowel Pin	IS 2062 Gr.B
11	Bottom Cover	IS 2062 Gr.B

NOMENCLATURE :

No	Description	Material
01	Body	Gray Iron| C.S. | D.I. | CF8 | CF8M
02	Disc	C.S. | WCB | CF8 | CF8M
03	Shaft	AISI 410 | AISI 304 | AISI 316 | AISI 316L
04	Teflon Bush	TEFLON
05	Graphaile Ring	GRAPHITE
06	Bering Bush	METAL BUSH PTFE COATED
07	Nut & Bolt	S.S. 202 | S.S. 304
08	Bottom Shaft	AISI 410 | AISI 304 | AISI 316 | AISI 316L
09	Graphaile Ring	GRAPHITE
10	Dowel Pin	IS 2062 Gr.B

Dimensions (All Dimensions are in mm)

SIZE		Port	A	B	C	ØD
MM	INCH					
40	1.1/2"	40	55.5	81.5	33.5	85
50	2"	50	60.5	100	43.5	80
65	2.1/2"	65	68	107.5	46	102
80	3"	80	75.5	115	46	125
100	4"	100	85.5	125	52	139
125	5"	125	108.5	167.5	56	168
150	6"	150	121	180	56	204
200	8"	200	146	205	60	152
250	10"	245	221	271	68	316
300	12"	295	252	296	78	362
350	14"	340	271	312	78	410
400	16"	388	300	365	102	470
450	18"	450	332	368	90	540
500	20"	490	377	420	90	622



** Others Class Dimensions On Request

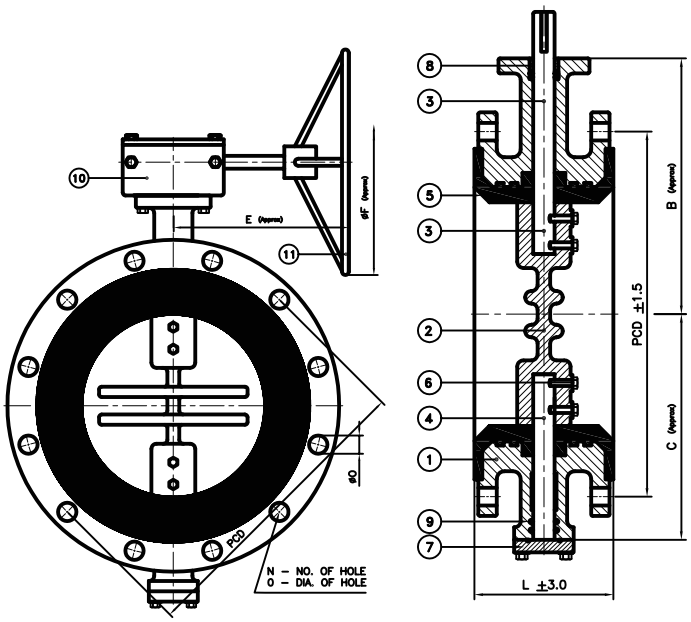
Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

BUTTERFLY VALVE

Flanged End, Center Disc

Pressure Rating : PN 10
Body Design : Double Flanged, Rubberlined, Center Disc
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 150 or
: As per Your Request Dimension



NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON - A 106 GR. B | DUCTILE IRON
		ASTM A 216 GR. WCB |
		ASTM A 351 GR. CF8 | 8M | 3 | 3M
02	Disc	C.I. | D.I. | WCB | CF8 | 8M | CF3 | 3M
03	Upper Stem	A 216 T-410 | 304 | 316 | 304L | 316L
04	Lower Stem	A 216 T-410 | 304 | 316 | 304L | 316L
05	Body Seat	NITRILE | EPDM | NBR | HYPALAN | BUNA-N
		EBONITE | NEOPRENE | SILICON | VITON
06	Disc Lock Bolt	S.S. 304 | 316
07	Bottom Cover	C.S. | S.S. 304 | 316 | 304L | 316L
08	Stem Seal Top	NITRILE | EPDM | NBR | HYPALAN | BUNA-N
09	Bottom Seal	NITRILE | EPDM | NBR | HYPALAN | BUNA-N
10	Gear Box	WORM & GEAR TYPE, QUARTER TURN
11	Hand Wheel	C.S. FABRICATED

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic		
Pr. Rating	PN 10		
Body	215	14.7	15
Seat	145	9.8	10

DESIGN STANDARD : BS 5155 | API 609

Dimensions [PN 10] (All Dimensions are in mm)

SIZE	L	B	C	E	F	PCD	N	ØO	ISO5211 FLANGE
200	152	250	175	285	300	298.4	8	22.2	F07
250	165	285	208	285	350	361.9	12	25.4	F10
300	178	310	227	285	350	431.8	12	25.4	F10
350	190	340	275	300	350	476.2	12	28.6	F12
400	216	376	308	305	500	539.7	16	28.6	F14
450	222	390	373	305	500	577.8	16	31.7	F14
500	229	425	408	370	500	635.0	20	31.7	F16
600	267	500	464	350	600	749.3	20	34.9	F16

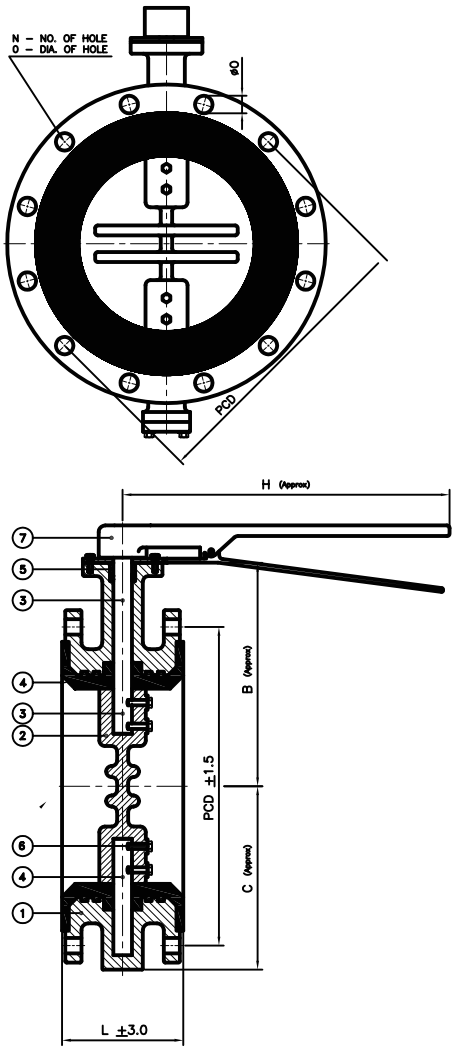
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

BUTTERFLY VALVE

Flanged End, Center Disc



Pressure Rating : PN 10 | PN 16
Body Design : Double Flanged, Rubberlined, Center Disc
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 150 or
: As per Your Request Dimension

NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | DUCTILE IRON
		A 216 GR. WCB |
		A 351 GR. CF8 | CF8M | CF3 | CF3M
02	Disc	IS 210 GR. FG 200 | DUCTILE IRON
		A 216 GR. WCB | ALUMINIUM BRONZE
		A 351 GR. CF8 | CF8M | CF3 | CF3M
03	Stem	AISI 410 | 304 | 316 | 304L | 316L
04	Body Seat (Liner)	NEOPRENE | EPDM | NBR | NITRILE | BUTYL
		SILICON | VITON | NBR | BUNA - N
05	Gland Seal	NEOPRENE | EPDM | NBR | SILICON | VITON
06	Disc Lock Pin	S.S. 304 | 316 | 304L | 316L
07	Hand Lever	C.S. | S.S. 304 | 316
08	Throtting Plate	C.S. | S.S. 304 | 316
09	Fastners	C.S. | S.S. 304 | 316

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic					
Pr. Rating	PN 10			PN 16		
Body	425	15.1	14.8	340	23.9	23.4
Seat	300	10.2	10.0	230	16.1	15.8

DESIGN STANDARD : BS 5155 | API 609

Dimensions [PN 10 | PN 16]							(All Dimensions are in mm)	
SIZE	L	B	C	H	PCD	N	ØO	ISO5211 FLANGE
50	108	125	85	180	120.6	4	19	F05
65	112	135	95	180	139.7	4	19	F05
80	114	155	102	215	152.4	4	19	F05
100	127	160	114	215	190.5	8	19	F05
125	140	180	134	265	215.9	8	22.2	F05
150	140	210	147	265	241.3	8	22.2	F05
200	152	250	175	325	298.4	8	22.2	F07

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

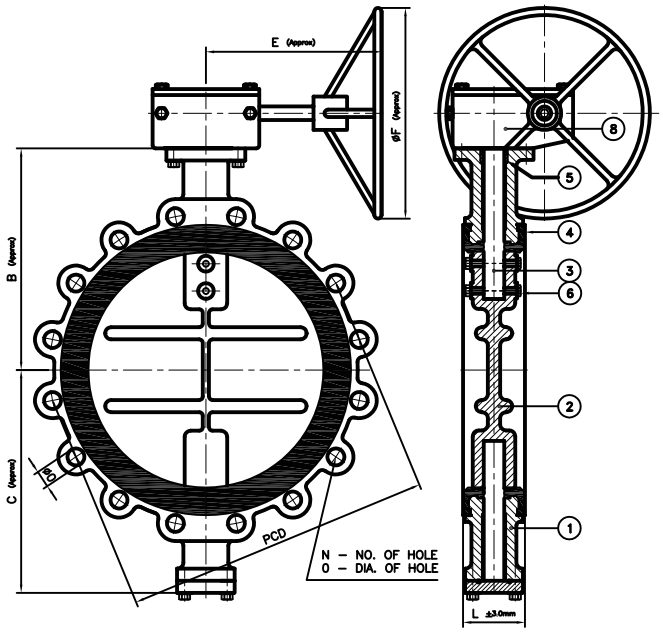
BUTTERFLY VALVE

Lug Type, Center Disc

FEATURES :

* Zero Leakage, Tight Shut Off
* Lower Torque, Smooth Operation
* Available in Diff. Combination of Body, Disc & Seat.

Pressure Rating : PN 10 | PN 16
Body Design : Wafer Lug Type
End Connection : Through Hole Lug To Suit Between
: As per ANSI B 16.5, Class 150 Flanges
End Connection : Flangeless, Sandwich, Wafer Type



NOMENCLATURE :

No	Description	Material
01	Body	A 126 GR. B | DUCTILE IRON
		A 216 GR. WCB |
		A 351 GR. CF8 | CF8M | CF3 | CF3M
02	Disc	A 126 GR. B | DUCTILE IRON
		A 216 GR. WCB | ALUMINIUM BRONZE
		A 351 GR. CF8 | CF8M | CF3 | CF3M
03	Stem	AISI 410 | 304 | 316 304L 316L
04	Body Seat (Liner)	NEOPRENE | EPDM | NBR | NITRILE | BUTYL
		SILICON | VITON (Other on Request)
05	Gland Seal	NEOPRENE | EPDM | NBR | SILICON | VITON
06	Disc Lock Pin	S.S. 304 | 316 | 304L | 316L
07	Gear Box	WORM & GEAR TYPE
08	Fastners	C.S. | S.S. 304 | 316

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic					
Pr. Rating	PN 10			PN 16		
Body	425	15.1	14.8	340	23.9	23.4
Seat	300	10.2	10.0	230	16.1	15.8

DESIGN STANDARD : BS 5155 | API 609

Dimensions [PN 10]									(All Dimensions are in mm)
SIZE	L	B	C	E	F	PCD	N	ØO	ISO5211 FLANGE
200	60	230	165	285	300	298.4	8	22.2	F07
250	68	266	224	285	350	361.9	12	25.4	F10
300	78	300	236	285	350	431.8	12	25.4	F10
350	92	320	272	300	350	476.2	12	28.6	F12
400	102	385	302	305	500	539.7	16	28.6	F14
450	114	405	325	305	500	577.8	16	31.7	F14
500	127	465	405	370	500	635.0	20	31.7	F16
600	154	540	460	350	600	749.3	20	34.9	F16

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

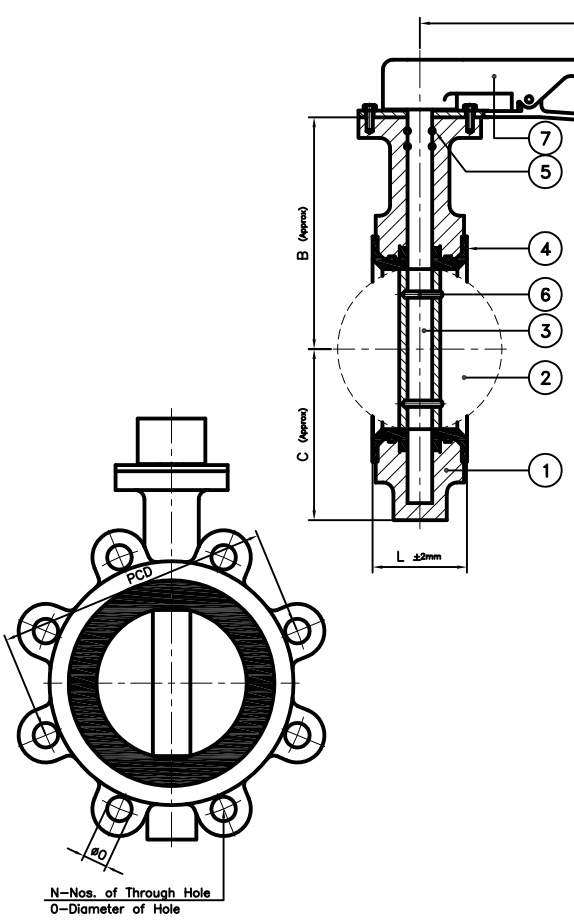
BUTTERFLY VALVE

Lug Type, Center Disc

FEATURES :

* Zero Leakage, Tight Shut Off
* Lower Torque, Smooth Operation
* Ava. in Diff. Combination of Body, Disc & Seat.
* Universal Design To Fit Between Pipe Flanges
* Long Life, Easy Opertaion & Installation
* Gear | Pneumatic Operation aslo Available [Optional]

Pressure Rating : PN 10 | PN 16
Body Design : Wafer Type
End Connection : Wafer Type To Suit Between
: As per ANSI B 16.5 | BS 10 | DIN Flanges
End Connection : Flangeless, Sandwich, Wafer Type



NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | DUCTILE IRON
		A 216 GR. WCB |
		A 351 GR. CF8 | CF8M | CF3 | CF3M
02	Disc	IS 210 GR. FG 200 | DUCTILE IRON
		A 216 GR. WCB | ALUMINIUM BRONZE
		A 351 GR. CF8 | CF8M | CF3 | CF3M
03	Stem	AISI 410 | 304 | 316 304L 316L
04	Body Seat (Liner)	NEOPRENE | EPDM | NBR | NITRILE | BUTYL
		SILICON | VITON | NBR | BUNA - N
05	Gland Seal	NEOPRENE | EPDM | NBR | SILICON | VITON
06	Disc Lock Pin	S.S. 304 | 316 | 304L | 316L
07	Hand Lever	C.S. | S.S. 304 | 316
08	Throttling Plate	C.S. | S.S. 304 | 316
09	Fastners	C.S. | S.S. 304 | 316

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic		
Pr. Rating	PN 16		
Body	340	23.5	24
Seat	228	15.7	16

DESIGN STANDARD : BS 5155 | API 609

Dimensions [PN 10]								(All Dimensions are in mm)
SIZE	L	B	C	H	PCD	N	ØO	ISO5211 FLANGE
40	36	112	52	180	98.4	4	15.8	F05
50	43	118	65	180	120.6	4	19	F05
65	46	125	68	180	139.7	4	19	F05
80	46	134	76	215	152.4	4	19	F05
100	52	156	106	215	190.5	8	19	F05
125	56	187	125	215	215.9	8	22.2	F05
150	56	200	134	265	241.3	8	22.2	F05
200	60	230	165	325	298.4	8	22.2	F07
250	68	266	224	385	361.9	12	25.4	F10
300	78	300	236	385	431.8	12	25.4	F10

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

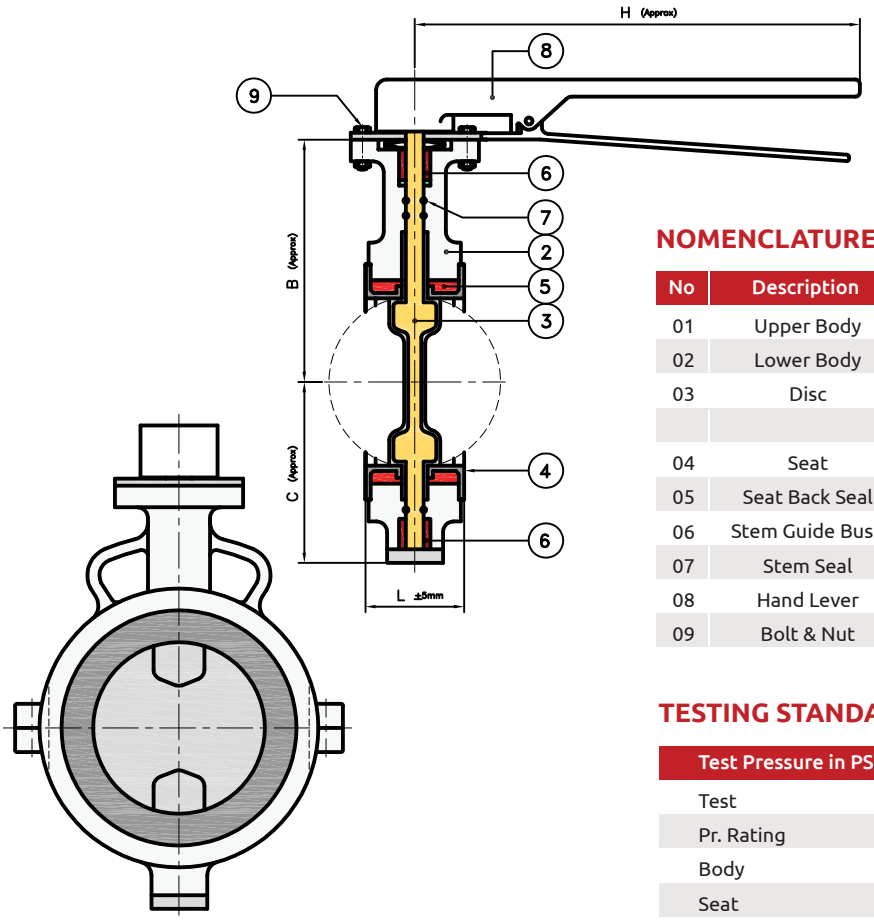
fluir Controls

PTFE Lined BUTTERFLY VALVE

GENERAL SPECIFICATIONS :

* Temperature - Up to 200° C (PFA Lining)
* Temperature - Up to 160° C (FEP Lining)
* Lining Thickness - Minimum 3mm All Wetted parts
* Lining Spark Test - 15 KV DC

Body Design : Wafer Type
End Connection : Wafer Type To Suit Between
: As per ANSI B 16.5 | BS 10 | DIN Flanges
End Connection : Flangeless, Sandwich, Wafer Type



NOMENCLATURE :

No	Description	Material
01	Upper Body	D.I. | WCB - CS | CF8 (S.S 304) | CF8M (S.S 316)
02	Lower Body	D.I. | WCB - CS | CF8 (S.S 304) | CF8M (S.S 316)
03	Disc	WCB-C.S.|CF8(SS 304) | CF8M (S.S 316)
		WITH PTFE - FEP | PFA LINING
04	Seat	PTFE - FEP | PFA
05	Seat Back Seal	SILICON
06	Stem Guide Bush	PTFE
07	Stem Seal	VITON
08	Hand Lever	C.S.
09	Bolt & Nut	C.S. | S.S.

TESTING STANDARD :

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic		
Pr. Rating	150#		
Body	145	9.8	10
Seat	145	9.8	10

DESIGN STANDARD : BS 5155 | API 609

Dimensions [PN 10]			(All Dimensions are in mm)
SIZE	L	B	C
50	43	120	70
65	46	135	80
80	46	140	90
100	52	160	110
125	56	180	120
150	56	205	150
200	60	235	180
250	68	365	210
300	78	415	230

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

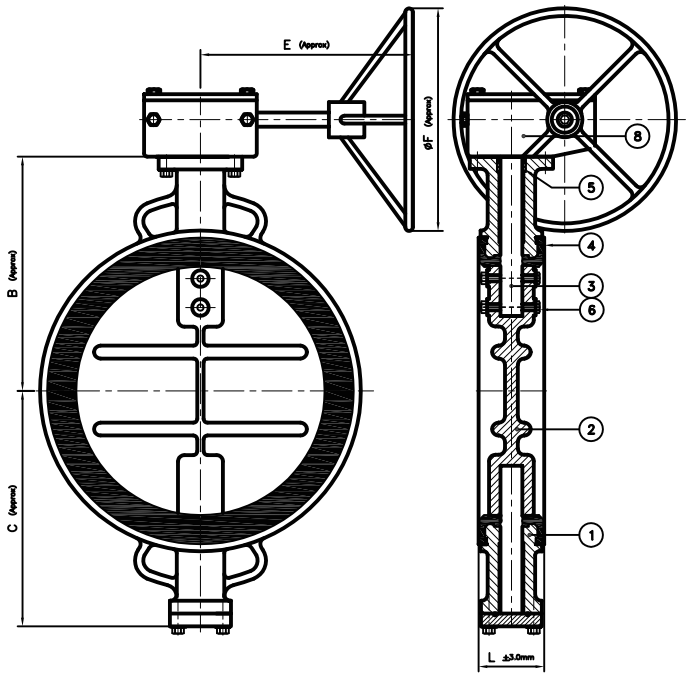
BUTTERFLY VALVE

Wafer Type

FEATURES :

* Zero Leakage, Tight Shut Off
* Lower Torque, Smooth Operation
* Available in Diff. Combination of Body, Disc & Seat.
* Universal Dessign to Fit Between Pipe Flanges
* Long Life, Easy Operation & Installation

Pressure Rating : PN 10 | PN 16
Body Design : Wafer Type
End Connection : Wafer Type To Suit Between
As per ANSI B 16.5 | BS 10 | DIN Flanges
End Connection : Flangeless, Sandwich, Wafer Type



NOMENCLATURE :

No	Description	Material
01	Body	IS 210 GR. FG 200 | DUCTILE IRON
		A 216 GR. WCB |
		A 351 GR. CF8 | CF8M | CF3 | CF3M
02	Disc	IS 210 GR. FG 200 | DUCTILE IRON
		A 216 GR. WCB | ALLUMNIUM BRONZE
		A 351 GR. CF8 | CF8M | CF3 | CF3M
03	Stem	AISI 410 | 304 | 316 | 304L |316L
04	Body Seat (Liner)	NEOPRENE | EPDM | NBR | NITRILE | BUTYL
		SILICON | VITON (Others on Request)
05	Gland Seal	NEOPRENE | EPDM | NBR | SILICON | VITON
06	Disc Lock Pin	S.S. 304 | 316 | 304L | 316L
07	Gear Box	WORM & GEAR TYPE
08	Fastners	C.S. | S.S. 304 | 316

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic					
Pr. Rating	PN 10			PN 16		
Body	425	15.1	14.8	340	23.9	23.4
Seat	300	10.2	10.0	230	16.1	15.8

DESIGN STANDARD : BS 5155 | API 609

Dimensions [PN 10 | PN 16]						(All Dimensions are in mm)
SIZE	L	B	C	E	ØF	ISO5211 FLANGE
200	60	230	165	285	300	F10
250	68	266	224	285	300	F10
300	78	300	236	285	300	F10
350	92	320	272	300	350	F12
400	102	385	302	305	500	F14
450	114	405	325	305	500	F14

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

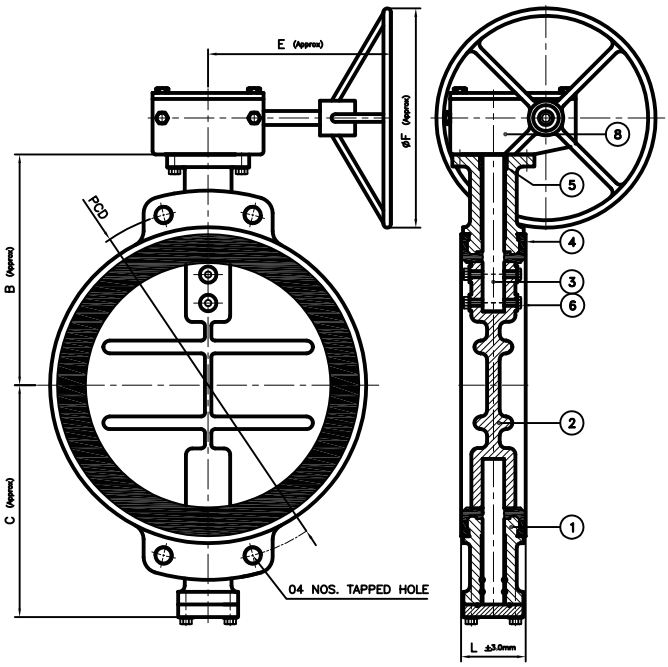
BUTTERFLY VALVE

Wafer Type

FEATURES :

* Zero Leakage, Tight Shut Off
* Lower Torque, Smooth Operation
* Available in Diff. Combination of Body, Disc & Seat.
* Universal Dessign to Fit Between Pipe Flanges
* Long Life, Easy Operation & Installation

Pressure Rating : PN 10
Body Design : Wafer Type
End Connection : Wafer Type To Suit Between
As per ANSI B 16.5 | BS 10 | DIN Flanges
End Connection : Flangeless, Sandwich, Wafer Type



NOMENCLATURE :

No	Description	Material
01	Body	IS 210 GR. FG 200 | DUCTILE IRON
		A 216 GR. WCB |
		A 351 GR. CF8 | CF8M | CF3 | CF3M
02	Disc	IS 210 GR. FG 200 | DUCTILE IRON
		A 216 GR. WCB | ALLUMNIUM BRONZE
		A 351 GR. CF8 | CF8M | CF3 | CF3M
03	Stem	AISI 410 | 304 | 316 | 304L |316L
04	Body Seat (Liner)	NEOPRENE | EPDM | NBR | NITRILE | BUTYL
		SILICON | VITON (Others on Request)
05	Gland Seal	NEOPRENE | EPDM | NBR | SILICON | VITON
06	Disc Lock Pin	S.S. 304 | 316 | 304L | 316L
07	Gear Box	WORM & GEAR TYPE
08	Fastners	C.S. | S.S. 304 | 316

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic					
Pr. Rating	PN 10			PN 16		
Body	425	15.1	14.8	340	23.9	23.4
Seat	300	10.2	10.0	230	16.1	15.8

DESIGN STANDARD : BS 5155 | API 609

Dimensions [PN 10 | PN 16]						(All Dimensions are in mm)
SIZE	L	B	C	E	ØF	ISO5211 FLANGE
500	127	405	370	350	500	F16
600	154	540	460	350	600	F16
700	229	565	515	380	500	F16
750	229	590	540	380	600	F16
800	241	590	650	395	600	F25
850	241	610	675	395	600	F25

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

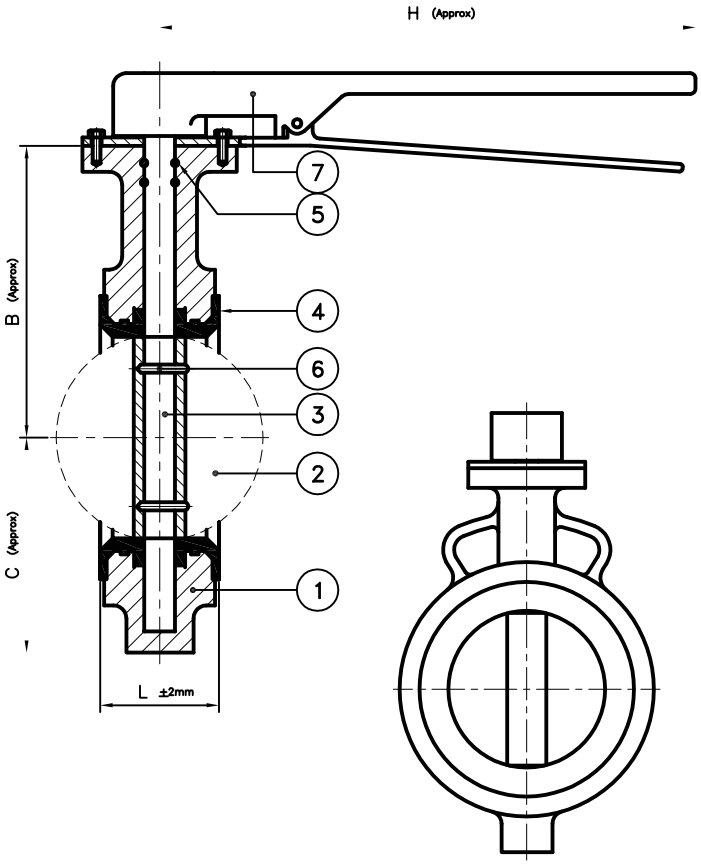
BUTTERFLY VALVE

Wafer Type

FEATURES :

* Zero Leakage, Tight Shut Off
* Lower Torque, Smooth Operation
* Available in Diff. Combination of Body, Disc & Seat.
* Universal Dessign to Fit Between Pipe Flanges
* Long Life, Easy Operation & Installation
* Gear | Pneumatic Operation also Availabel [Optional]

Pressure Rating : PN 10 | PN 16
Body Design : Wafer Type
End Connection : Wafer Type To Suit Between
As per ANSI B 16.5 | BS 10 | DIN Flanges
End Connection : Flangeless, Sandwich, Wafer Type



NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | DUCTILE IRON
		A 216 GR. WCB |
		A 351 GR. CF8 | CF8M | CF3 | CF3M
02	Disc	IS 210 GR. FG 200 | DUCTILE IRON
		A 216 GR. WCB | ALLUMNIUM BRONZE
		A 351 GR. CF8 | CF8M | CF3 | CF3M
03	Stem	AISI 410 | 304 | 316 | 304L |316L
04	Body Seat (Liner)	NEOPRENE | EPDM | NBR | NITRILE | BUTYL
		SILICON | VITON (Others on Request)
05	Gland Seal	NEOPRENE | EPDM | NBR | SILICON | VITON
06	Disc Lock Pin	S.S. 304 | 316 | 304L | 316L
07	Hand Lever	C.S. | S.S. 304 | 316
08	Throtting Plate	C.S. | S.S. 304 | 316
09	Fastners	C.S. | S.S. 304 | 316

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic					
Pr. Rating	PN 10			PN 16		
Body	425	15.1	14.8	340	23.9	23.4
Seat	300	10.2	10.0	230	16.1	15.8

DESIGN STANDARD : BS 5155 | API 609

Dimensions [PN 10 | PN 16]					(All Dimensions are in mm)
SIZE	L	B	C	H	ISO5211 FLANGE
40	36	92	52	180	F05
50	43	103	70	180	F05
65	46	110	76	180	F05
80	46	118	85	215	F05
100	52	148	105	215	F05
125	56	164	115	215	F05
150	56	176	130	265	F05
200	60	230	156	325	F07
250	68	266	196	385	F10
300	78	300	230	385	F10

** Others Class Dimensions On Request

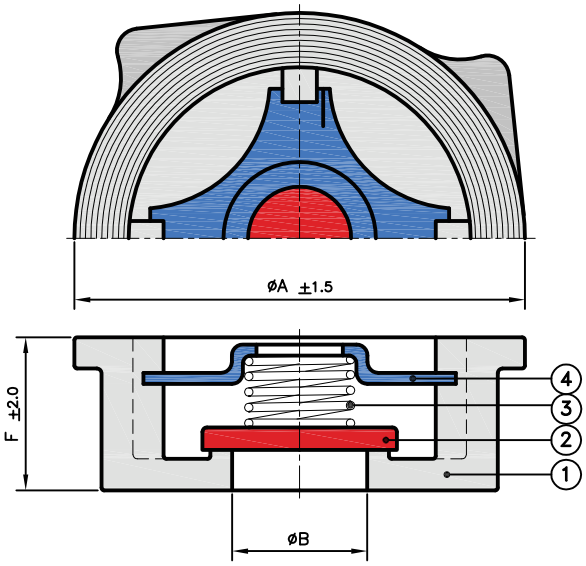
Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

DISC CHECK VALVE

Spring Loaded NRV

Pressure Rating : 150 #
End Connection : Wafer Type (Flangeless)
Mounting : Between ANSI B 16.5, Class 150 # Flanges
Face To Face : ANSI B 16.10



NOMENCLATURE :

No	Description	Material
01	Body	ASTM A 216 GR. WCB
		ASTM A 351 GR. CF 8 | 8M | 3 | 3M
02	Disc	ASTM A 216 GR. WCB
		ASTM A 351 GR. CF 8 | 8M | 3 | 3M
03	Spring	S.S. 304 | 316
04	Star	S.S. 304 | 316

TESTING STANDARD : BS EN 12266 I | API 607

Test Pressure in PSIG | BAR | Kg/cm$_2$			
Test	Hydrostatic		
Pr. Rating	150 #		
Body	425	29.3	30
Seat	300	20.7	21

DESIGN STANDARD : DIN EN558-2

Dimensions [150 Class]			(All Dimensions are in mm)
SIZE	ØA	ØB	F
15	43	12.5	17
20	53	19	20
25	63	25	23
40	85	38	33
50	95	50	41
65	113	63	46
80	131	75	49
100	154	100	61
125	191	125	90
150	216	150	105
200	273	200	140

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

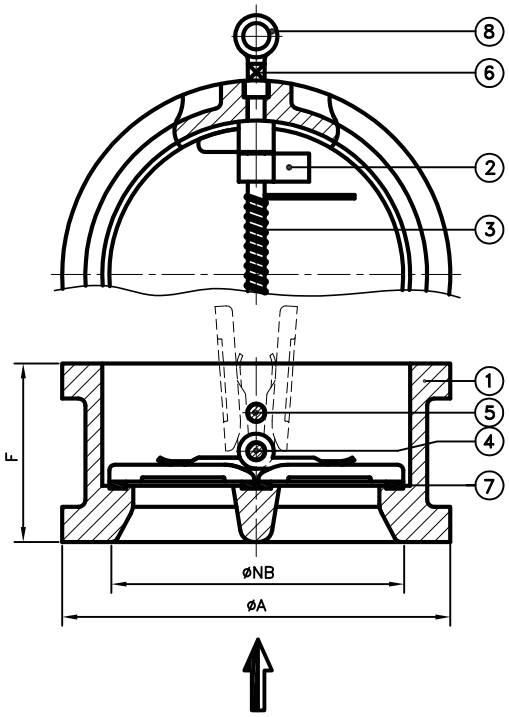
DUAL PLATE CHECK VALVE

NRV

FEATURES :

* SPRING LOADED, DOUBLE DOOR DESIGN
* LIGHT WEIGHT, VERSATILE DESIGN
* REDUCE PIPE SUPPORTS, SIMPLIFIES PIPING, EASY INSTALLATION.
* DISC OPEN 80% TO ENSURE POSITIVE CLOSING
* RUBBER TO METAL | METAL TO METAL SEAT OPTION

Pressure Rating : 150 #
End Connection : Wafer Type (Flangeless)
Mounting : Between ANSI B 16.5, Class 150 # Flanges
Face To Face : ANSI B 16.10



NOMENCLATURE :

No	Description	Material
01	Body	IS 210 GR. FG 200 | 220 | 260
		ASTM A 216 GR. WCB
		ASTM A 351 GR. CF 8 | 8M | 3 | 3M
02	Disc	ASTM A 216 GR. WCB
		ASTM A 351 GR. CF 8 | 8M | 3 | 3M
03	Spring	S.S. 304 | 316
04	Hinge Pin	S.S. 304 | 316
05	Stop Pin	S.S. 304 | 316
06	Plug	C.S.
07	Seat	NITRILE | EPDM | VITON | SILICON | NEOPRENE
08	Lifting Hool	C.S.

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm$_2$			
Test	Hydrostatic		
Pr. Rating	150 #		
Body	425	29.3	30
Seat	300	20.7	21

DESIGN STANDARD : DIN EN558-2

Dimensions [150 Class]			(All Dimensions are in mm)
SIZE	ØNB	ØA	F
50	50	105	60
65	65	124	67
80	80	134	73
100	100	172	73
125	125	197	90
150	150	220	98
200	200	305	127
250	250	338	146
300	300	410	181
350	350	448	184

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

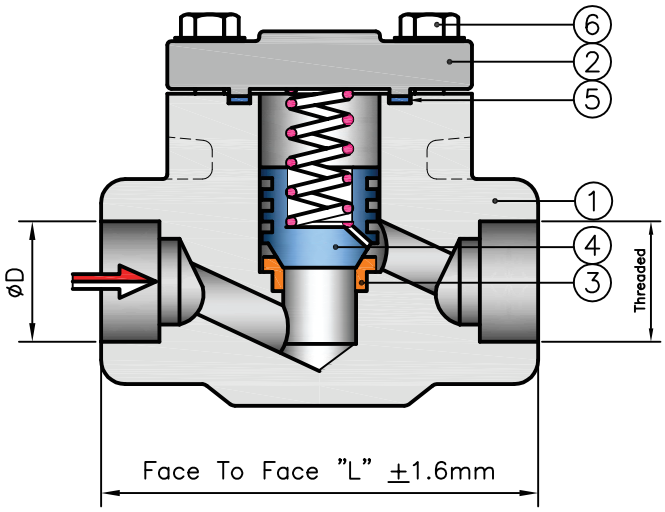
FORGED LIFT CHECK VALVE

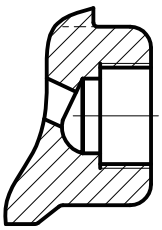
Rating - 800#

FEATURES :

* Bolted Cover Design
* Piston Type Disc
* Seat & Disc Steelited Hard Face [Optional]
* Suitable For Horizontal Line ONLY

Pressure Rating : 800 #
End Connection : Socket Weld End | Screwed End
Socket Weld : As per ANSI B 16.11
Screwed End : As per ASME B 1.20.1
Face To Face : As per ANSI B 16.10
Port Opening : Regular Port





BSP | BSPT | NPT THREADED END

NOMENCLATURE :

No	Description	Material
01	Body	ASTM A 105
02	Cover	ASTM A 182mF 304 | 316 | 304L 316L
03	Seat Ring	A 276 T-410 | 304 | 316 | 304L | 316L
04	Piston Disc	A 276 T-410 | 304 | 316 | 304L | 316L
05	Gasket	S.S. SPIRAL WOUND EITH CAF | GRAPHITE | PTFE
06	Body - Cover Bolt	A 193 GR. B7|S.S. 304 | 316

TESTING STANDARD : BS 6755 | API 598

Test Pressure in PSIG | BAR | Kg/cm$_2$			
Test	Hydrostatic		
Pr. Rating	800 #		
Body	3000	207	211
Seat	2000	138	141

DESIGN STANDARD : BS 5352 | API 602 | ASME B 16.34

Dimensions [800 Class]		(All Dimensions are in mm)
SIZE	L	ØD
15	90	21.7
20	94	27.1
25	108	33.8
32	126	42.5
40	126	48.6
50	142	61.1

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

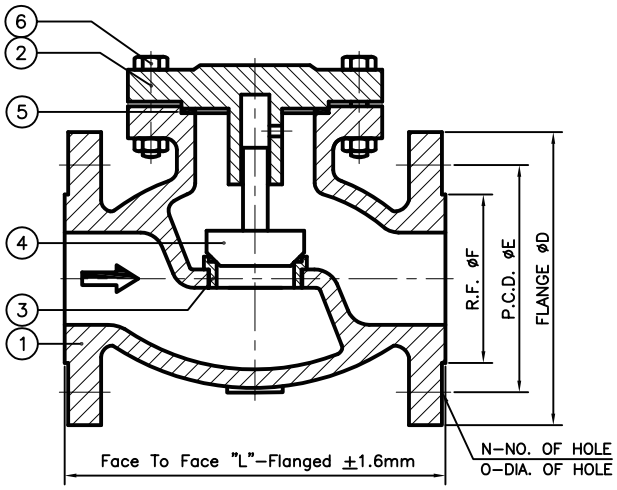
LIFT CHECK VALVE

For Horizontal Line (ASA)

FEATURES :

* Bolted Cover Design
* Renewable | Integral Seat Available
* Disc & Seat Stellited Hard Face [Optional]

Pressure Rating : 150 # | 300 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 150 # | 300 #
Face To Face : As per ANSI B 16.10



NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | ASTM A 216 GR. WCB
02	Cover	ASTM A 351 GR. CF 8 | 8M | 3 | 3M
		ASTM A 351 GR. CN 7M
03	Seat Ring	CA 15 | AISI 410 | 304 | 316 | 304L | 316L
04	Disc	CA 15 | WCB+13% Cr. Face |
		AISI | 410 | 304 | 316 | 304L | 316L | ALLOY20
05	Gasket	CAF | SP. WOUND | PTFE
06	Fasteners	C.S. | B7 | 2H | S.S. 304 | 316

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm₂						
Test	Hydrostatic					
Pr. Rating	150#					
MOC	C.I.			C.S.|S.S.		
Body	215	14.72	15	425	29.3	30
Seat	142	9.8	10	300	20.7	21

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm₂			
Test	Hydrostatic		
Pr. Rating	300#		
MOC	C.S.|S.S.		
Body	1125	77.5	79
Seat	825	56.8	58

DESIGN STANDARD : BS 1873 | ASME B 16.34

Dimensions [150 Class]						(All Dimensions are in mm)
SIZE	DRILLING DETAILS					
	L	ØD	ØE	ØF	N	ØO
25	127	108	79.3	50.8	4	15.8
40	165	127	98.4	73	4	15.8
50	203	152.4	120.6	92.1	4	19
65	216	177.8	139.7	104.7	4	19
80	241	190.5	152.4	127.0	4	19
100	292	228.6	190.5	157.2	8	19
125	356	254	215.9	185.6	8	22.2
150	406	279	241.3	215.9	8	22.2
200	495	343	298.4	269.9	8	22.2
250	623	406	362.0	323.8	12	25.4
300	699	483	431.8	381	12	25.4

DESIGN STANDARD : BS 1873 | ASME B 16.34

Dimensions [300 Class]						(All Dimensions are in mm)
SIZE	DRILLING DETAILS					
	L	ØD	ØE	ØF	N	ØO
50	267	165.1	127	92.1	8	19
65	292	190.5	149.3	104.7	8	22.2
80	317	209.5	168.1	127.0	8	22.2
100	356	254	200.1	157.2	8	22.2
125	400	279.4	235	185.6	8	22.2
150	445	317.5	269.7	215.9	12	22.2
200	559	361	330.2	269.9	12	25.4
250	623	444.5	387.3	323.8	16	25.4
300	711	529.7	450.7	381	16	31.7

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

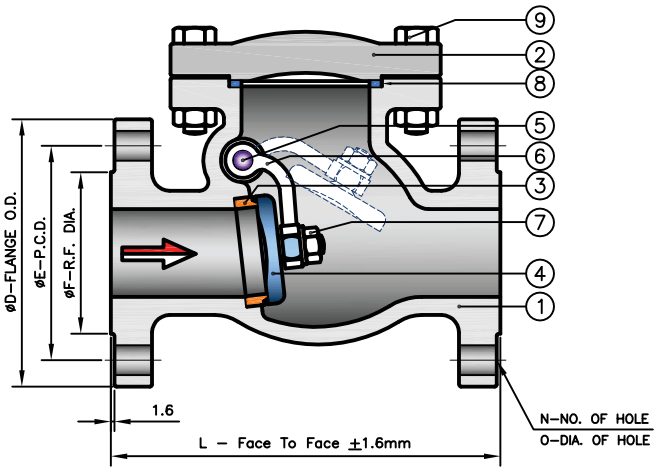
SWING CHECK VALVE

NRV

FEATURES :

* Bolted Cover Design
* Renewable | Seal Welded | Integral Seat Available
* Tilting Disc Design Available [Optional]
* Disc & Seat Stellited Hard Face [Optional]

Pressure Rating : 150 # | 300 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 150 # | 300 #
Face To Face : As per ANSI B 16.10



NOMENCLATURE :

No	Description	Material
01	Body	IS 210 GR. FG 200 | 220 | 260
02	Cover	ASTM A 216 GR. WCB
		ASTM A 351 GR. CF 8 | 8M | 3 | 3M
03	Seat Ring	CA 15 | AISI 410 | 304 | 316 | 304L | 316L
04	Disc	CA 15 | WCB+13% Cr. Face |
		ASTM A 351 GR. CF 8 | 8M | 3 | 3M
05	Hinge Pin	AISI | 410 | 304 | 316
06	Hinge Lever	WCB | CF 8 | 8M | 3 | 3M
07	Disc Lock Nut	C.S. | 2H | S.S. 304 | 316 | 304L | 316L
08	Gasket	CAF | PTFE | SP. WOUND | GRAFOIL
09	Bolt & Nut	C.S. | B7 | 2H | S.S. 304 | 316 | 304L | 316L

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic					
Pr. Rating	150#					
MOC	C.I.			C.S.|S.S.		
Body	215	14.72	15	425	29.3	30
Seat	142	9.8	10	300	20.7	21

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm$_2$			
Test	Hydrostatic		
Pr. Rating	300#		
MOC	C.S.|S.S.		
Body	1125	77.5	79
Seat	825	56.8	58

DESIGN STANDARD : BS 1868 | API 6D

Dimensions [150 Class]							(All Dimensions are in mm)
SIZE	DRILLING DETAILS						H
	L	ØD	ØE	ØF	N	ØO	
25	127	108	79.3	50.8	4	15.8	140
40	165	127	98.4	73	4	15.8	150
50	203	152.4	120.6	92.1	4	19	155
65	216	177.8	139.7	104.7	4	19	190
80	241	190.5	152.4	127.0	4	19	200
100	292	228.6	190.5	157.2	8	19	225
125	330	254	215.9	185.6	8	22.2	245
150	356	279	241.3	215.9	8	22.2	260
200	495	343	298.4	269.9	8	22.2	305
250	623	406	362.0	323.8	12	25.4	390
300	699	483	431.8	381	12	25.4	410

DESIGN STANDARD : BS 1868 | API 6D

Dimensions [300 Class]							(All Dimensions are in mm)
SIZE	DRILLING DETAILS						H
	L	ØD	ØE	ØF	N	ØO	
50	267	165.1	127	92.1	8	19	430
65	292	190.5	149.3	104.7	8	22.2	475
80	317	209.5	168.1	127.0	8	22.2	535
100	356	254	200.1	157.2	8	22.2	605
125	400	279.4	235	185.6	8	22.2	715
150	445	317.5	269.7	215.9	12	22.2	845
200	533	381	330.2	269.9	12	25.4	1075
250	623	444.5	387.3	323.8	16	25.4	1255
300	711	520.7	450.7	381	16	31.7	1430

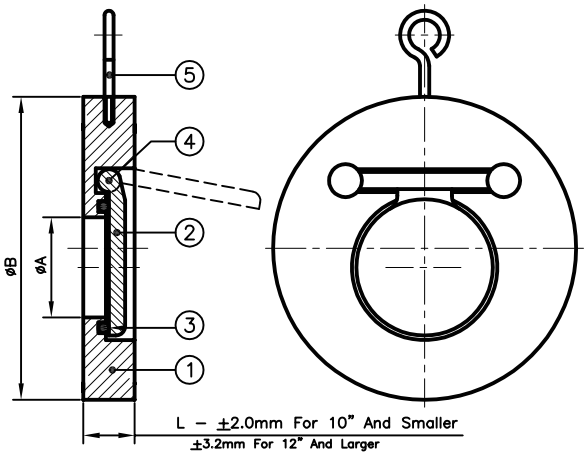
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

WAFER TYPE CHECK VALVE

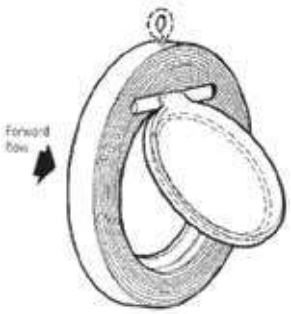
NRV



Pressure Rating : PN 10 | PN 16
End Connection : Wafer, Sandwich Type, Flangeless
Valve Mounting : Suitable Between Class 150 | PN 10 | PN 16 | BS 10 Table D | E | F Flanges
Face To Face : API 6D | ANSI B 16.10 (Short Pattern)

NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | ASTM A 216 GR. WCB
		ASTM A 351 GR. CF 8 | 8M | 3 | 3M
02	Disc	C.S. | S.S. 304 | 316 | 304L | 316L
03	Seat "O" Ring	NITRILE | NEOPRENE | EPDM | NBR | BUNA-N | VITON | SILICON
04	Hinge Pin	C.S. | S.S. 304 | 316 | 304L | 316L
05	Lifting Hook	C.S. | S.S. 304 | 316 | 304L



TESTING STANDARD : API 6D | API 598

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic					
Pr. Rating	PN10			PN16		
Body	213	14.7	15	341	23.9	24
Seat	142	9.8	10	230	15.7	16

DESIGN STANDARD : API 6D | ANSI B 16.10 (Short Pattern)

Dimensions [150 Class] (All Dimensions are in mm)

SIZE	L	ØA	ØB				
			PN10	PN16	BS10-D	BS10-E	150#
25	16	14	72	72	69	69	64
40	19	22	93	93	86	86	86
50	19	30	108	108	97	97	104
65	19	40	128	128	110	110	123
80	19	52	143	143	129	129	136
100	19	71	163	163	161	161	174
125	19	93	193	193	193	193	196
150	19	114	219	219	218	215	221
200	28.5	157	274	274	274	274	278
250	28.5	195	329	329	335	335	339
300	38	230	379	385	385	383	409
350	44.5	270	438	444	446	446	449
400	51	310	489	496	496	496	512
450	60.5	360	538	555	559	559	545
500	63.5	406	593	696	616	616	605
600	70	490	695	799	727	724	714

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

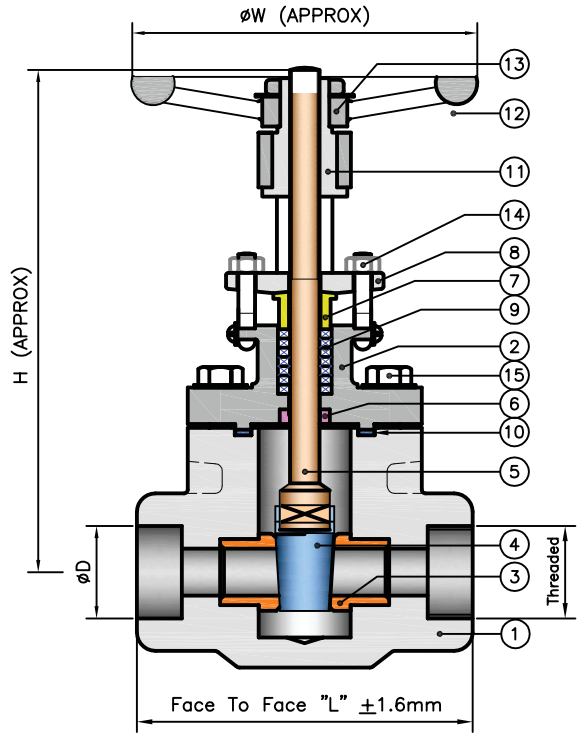
FORGED GATE VALVE

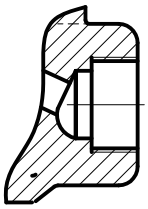
Rating - 800 #

FEATURES :

* Deep Stuffing Box
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet For Max. Service Life
* Seat & Gate Stellited Hard Face [Optional]

Pressure Rating : 800 #
End Connection : Socket Weld End | Screwed
Socket Weld : As per ANSI B 16.11
Screwed End : As per ASME B 1.20.1
Face To Face : As per ANSI B 16.10
Port Opening : Regular Port
ON REQUEST 1500# & 2500# IBR** ALSO AVAILABLE





BSP | BSPI | NPI THREADED END

NOMENCLATURE :

No	Description	Material
01	Body	ASTM A 105 |
02	Bonnet	ASTM A 182 F 304 | 316 | 304L | 316L
03	Seat Ring	AISI 410 | 304 | 316 | 304L | 316L
04	Disc	ASTM A 217 GR. CA 15 |
		AISI 304 | 316 | 304L | 316L
05	Stem	AISI 304 | 316 | 304L | 316L
06	Back Sheet Bush	AISI 304 | 316 | 304L | 316L
07	Gland Bush	AISI 304 | 316 | 304L | 316L
08	Gland flange	ASTM A 105 | 182 F 304 | 316
09	Gland Packing	GRAFOIL | PTFE | BRAIDED ASBESTOS
10	Gasket	S.S. SPIRAL WOUND WITH CAF|GRAPHITE| PTFE
11	Yoke Nut	C.S.
12	Hand Wheel	CAST IRON | S.G. IRON
13	Hand Wheel Nut	C.S.
14	Eye Bolt & Nut	C.S.
15	Body-Bonnet Bolt	A 193 GR. B7

TESTING STANDARD : BS 6755-I | API 598

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic			Air		
Pr. Rating	800 #					
Body	3000	207	211	--	--	--
Seat	2000	138	141	80	5.5	5.6
Back Seat	2000	138	141	--	--	--

DESIGN STANDARD : BS 5352 | API 602 | ASME B 16.34

Dimensions [800 Class]				(All Dimensions are in mm)
SIZE	L	ØD	H	ØW
15	90	21.7	165	95
20	94	27.1	173	95
25	108	33.8	192	95
32	126	42.5	254	150
40	126	48.6	254	150
50	142	61.1	275	150

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

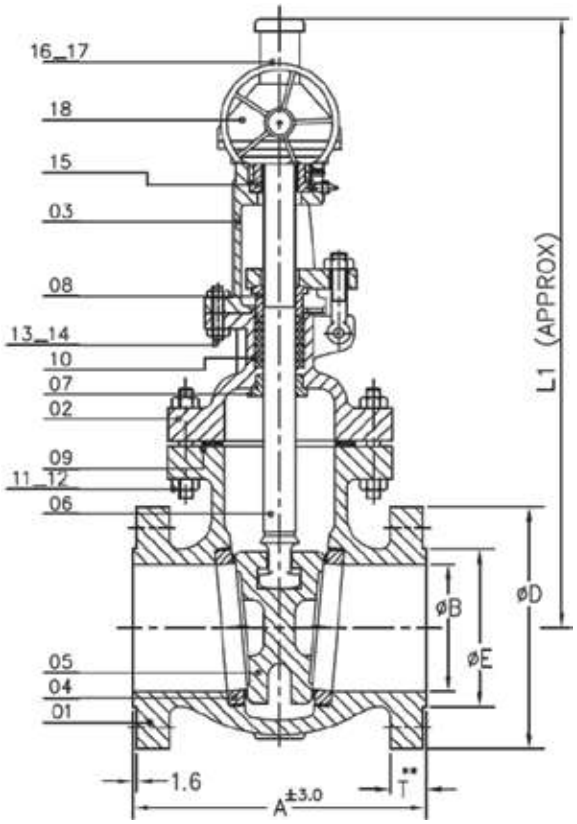
fluir Controls

GATE VALVE

OS & Y Type, Rising Stem

FEATURES :

* Deep Stuffing Box
* Gland Seal Design with Lantern Ring Option
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet for Max. Service Life
* Seat, Wedge & Back Seat Stelliting [Optional]



Pressure Rating : 150 #
End Connection : Flanged End, RF
Flange Drilling : As per ANSI B 16.5, Class 150 #
Face To Face : As per ANSI B 16.10
ON REQUEST 600#,900#,1500#,2500# IBR** ALSO AVAILBLE

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR. WCB | A 352 LCB |
02	Bonnet	A 217 GR. WC6 | WC9 | C5 | C12 |
03	Yoke	A 351 GR. CF 8 | CF8M | C5 | C12 |
04	Seat Ring	S.S. 410 | 304 | 316 | 304L | 316L | ALLOY 20
05	Wedge	WCB | LCB | WC6 |WC9 | C5 | C12 |
		CF8 | 8M | CF3 | 3M | CN7M
06	Stem	S.S. 410 | 304 | 316 | 304L | 316L | ALLOY 20
07	Back Seat Bush	S.S. 410 | 304 | 316 | 304L | 316L | ALLOY 20
08	Gland Bush	S.S. 410 | 304 | 316 | 304L | 316L | ALLOY 20
09	Gasket	SP. WOUND+CAF | GRAPHITE | PTFE | TENSED
10	Gland Packing	GRAFOIL | P.T.F.E
11	Body Stud	A 193 GR. B7 | S.S. 304 | 316
12	Body Stud Nut	A 193 GR. B7 | S.S. 304 | 316
13	Yoke Stud	A 193 GR. B7 | S.S. 304 | 316
14	Yoke Stud Nut	A 193 GR. B7 | S.S. 304 | 316
15	Yoke Sleeve	DUCTILE IRON | A 439 GR. D2
16	Hand Wheel	C.S.
17	Hand Wheel Nut	C.S.
18	Gear Box	Fluir Controls

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm$_2$			
Test	Hydrostatic		
Pr. Rating	150#		
MOC	C.S.|S.S.		
Body	425	29.3	30
Seat	300	20.7	21

DESIGN STANDARD : API 600

Dimensions [150 Class]										(All Dimensions are in mm)
SIZE	A	B	D	E	L1	T	FLANGE DETAILS			WT.(KG) APPROX
							PCD	DIA.	NOS.	
300	356	304.8	485	381	1400	30.2	431.8	25.4	12	390
350	381	336.6	535	412.8	1555	33.4	476.3	28.5	12	560
400	406	387.4	595	469.9	1750	35	539.8	28.5	16	690
450	432	438.2	635	533.4	1925	38.1	577.9	31.7	16	855
500	457	489.0	700	584.2	2100	41.3	635	31.7	20	1090
600	508	590.6	815	692.2	2550	46.1	749.3	35	20	1350

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

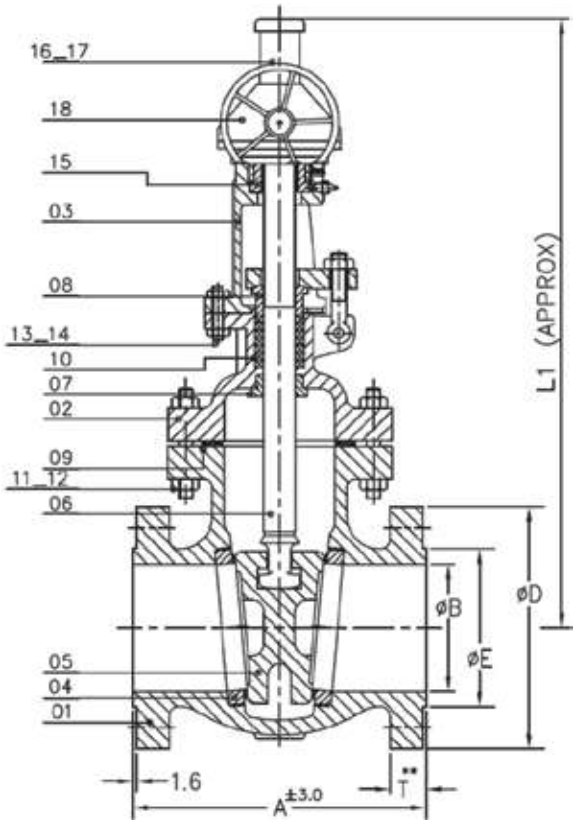
fluir Controls

GATE VALVE

OS & Y Type, Rising Stem

FEATURES :

* Deep Stuffing Box
* Gland Seal Design with Lantern Ring Option
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet for Max. Service Life
* Seat, Wedge & Back Seat Stelliting [Optional]



Pressure Rating : 150 #
End Connection : Flanged End, RF
Flange Drilling : As per ANSI B 16.47, Class 150 # (Series - A)
Face To Face : As per ANSI B 16.10
ON REQUEST 600#,900#,1500#,2500# IBR** ALSO AVALIABLE

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR. WCB | A 352 LCB |
02	Bonnet	A 217 GR. WC6 | WC9 | C5 | C12 |
03	Yoke	A 351 GR. CF 8 | CF8M | C5 | C12 |
04	Seat Ring	S.S. 410 | 304 | 316 | 304L | 316L | ALLOY 20
05	Wedge	WCB | LCB | WC6 |WC9 | C5 | C12 |
		CF8 | 8M | CF3 | 3M | CN7M
06	Stem	S.S. 410 | 304 | 316 | 304L | 316L | ALLOY 20
07	Back Seat Bush	S.S. 410 | 304 | 316 | 304L | 316L | ALLOY 20
08	Gland Bush	S.S. 410 | 304 | 316 | 304L | 316L | ALLOY 20
09	Gasket	SP. WOUND+CAF | GRAPHITE | PTFE | TENSED
10	Gland Packing	GRAFOIL | P.T.F.E
11	Body Stud	A 193 GR. B7 | S.S. 304 | 316
12	Body Stud Nut	A 193 GR. B7 | S.S. 304 | 316
13	Yoke Stud	A 193 GR. B7 | S.S. 304 | 316
14	Yoke Stud Nut	A 193 GR. B7 | S.S. 304 | 316
15	Yoke Sleeve	DUCTILE IRON | A 439 GR. D2
16	Hand Wheel	C.S.
17	Hand Wheel Nut	C.S.
18	Gear Box	Make

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm$_2$			
Test	Hydrostatic		
Pr. Rating	150#		
MOC	C.S.|S.S.		
Body	425	29.3	30
Seat	300	20.7	21

DESIGN STANDARD : API 600

Dimensions [150 Class]										(All Dimensions are in mm)
SIZE	A	B	D	E	L1	T	FLANGE DETAILS			WT.(KG) APPROX
							PCD	DIA.	NOS.	
650	559	635	870	749.3	2690	68.33	806.4	35.0	24	1900
700	610	686	927.1	800.1	2900	71.37	863.6	35.0	28	2005
750	610	737	984.3	857.3	3150	74.68	914.4	35.0	28	2115
800	660	794	1060.5	914.4	3300	81.03	977.9	41.1	28	2230
850	686	830	1111.1	965.2	3500	82.55	1028.7	41.1	32	3050
900	711	876	1168.4	1022.4	3700	90.42	1085.8	41.1	32	3845
950	737	925	1238.2	1073.1	3930	87.38	1149.3	41.1	32	4100
1000	762	976	1289.0	1123.9	4140	90.42	1200.0	41.1	36	4220

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

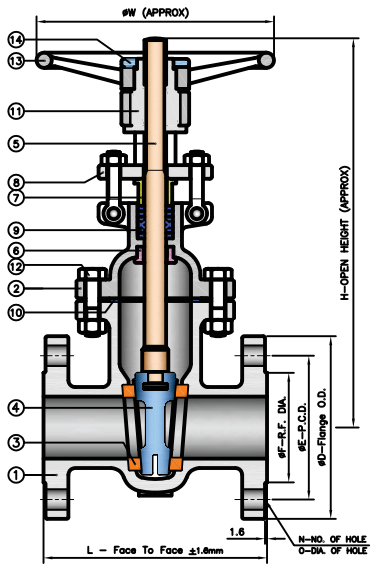
fluir Controls

GATE VALVE

OS & Y Type, Rising Stem

FEATURES :

* Deep Stuffing Box
* Gland Seal Design with Lantern Ring Option
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet for Max. Service Life
* Seat, Wedge & Back Seat Stelliting [Optional]



Pressure Rating : 150 # | 300 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 150 # | 300 #
Face To Face : As per ANSI B 16.10
ON REQUEST 600#,900#,2500# IBR** ALSO AVAILABLE

NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | A 216 GR. WCB |
02	Bonnet	A 351 GR. CF8|CF8M|CF|3|3M|CN7M
03	Seat	AISI 410 | 304 | 316 | 304L | 316L
04	Wedge (Gate)	WCB+13% CR.FACE | CF 8 |8M|3|3M|CA15
05	Stem	AISI 410 | 304 | 316 | 304L | 316L | ALLOY 20
06	Back Seat Bush	AISI 410 | 304 | 316 | 304L | 316L | ALLOY 20
07	Gland Bush	AISI 410 | 304 | 316 | 304L | 316L | ALLOY 20
08	Gland Flange	C.S.|AISI 410 | 304 | 316 | 304L | 316L
09	Gland Packing	GRAFOIL | P.T.F.E
10	Gasket	CAF | GRAPHITE ASBESTOS | SP. WOUND
11	Yoke Sleeve	C.S.
12	Bonnet Bolt & Nut	C.S. | B7 | 2H | S.S. 304 | 316 | 304L | 316L
13	Hand Wheel	CAST IRON
14	Hand Wheel Nut	C.S.

FEATURES : Size 8" & Above Yoke Provided on Bonnet

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic					
Pr. Rating	150#					
MOC	C.I.			C.S.|S.S.		
Body	215	14.72	15	425	29.3	30
Seat	142	9.8	10	300	20.7	21
Back Seat	142	9.8	10	300	20.7	21

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic		
Pr. Rating	300#		
MOC	C.S.|S.S.		
Body	1125	77.5	79
Seat	825	56.8	58
Back Seat	825	56.8	58

DESIGN STANDARD : API 600

Dimensions [150 Class] (All Dimensions are in mm)								
SIZE	FLANGE DETAILS						H	ØW
	L	ØD	ØE	ØF	N	ØO		
25	127	108	79.3	50.8	4	15.8	230	125
40	165	127	98.4	73	4	15.8	345	200
50	177.8	152.4	120.6	92.1	4	19	370	200
65	191	177.8	139.7	104.7	4	19	445	255
80	203	190.5	152.4	127.0	4	19	485	255
100	228.6	228.6	190.5	157.2	8	19	520	292
125	254	254	215.9	185.6	8	22.2	685	355
150	266.7	279	241.3	215.9	8	22.2	725	355
200	292.1	343	298.4	269.9	8	22.2	1000	420
250	330.2	406	362.0	323.8	12	25.4	1250	420
300	355.6	483	431.8	381	12	25.4	1385	510

DESIGN STANDARD : API 600

Dimensions [300 Class] (All Dimensions are in mm)								
SIZE	FLANGE DETAILS						H	ØW
	L	ØD	ØE	ØF	N	ØO		
50	216	165.1	127	92.1	8	19	430	203
65	241	190.5	149.3	104.7	8	22.2	475	203
80	282	209.5	168.1	127.0	8	22.2	535	254
100	305	254	200.1	157.2	8	22.2	605	305
125	381	279.4	235	185.6	8	22.2	715	350
150	403	317.5	269.7	215.9	12	22.2	845	350
200	419	381	330.2	269.9	12	25.4	1075	450
250	457	444.5	387.3	323.8	16	28.4	1255	500
300	502	520.7	450.7	381	16	31.7	1430	500

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

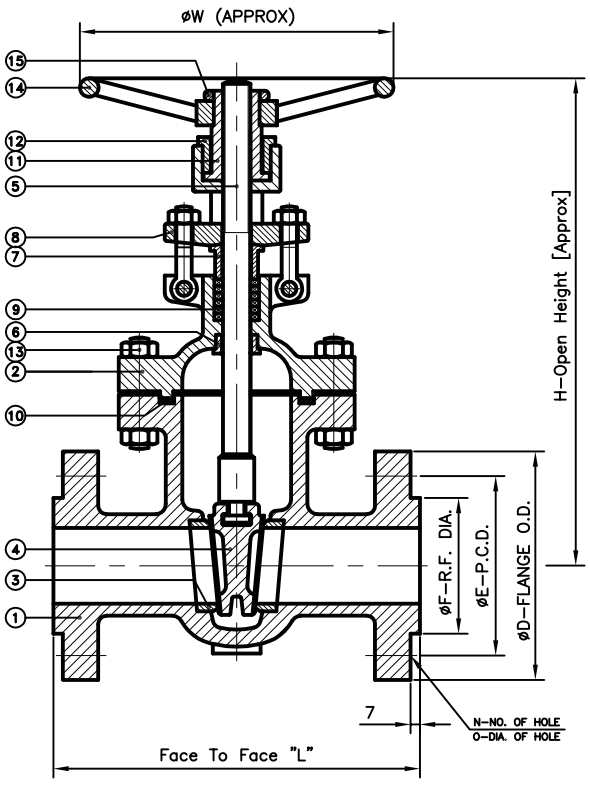
fluir Controls

GATE VALVE

OS & Y Type, Rising Stem

FEATURES :

* Deep Stuffing Box
* Gland Seal Design with Lantern Ring Option
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet for Max. Service Life
* Seat, Wedge & Back Seat Stelliting [Optional]



Pressure Rating : 600 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 600 #
Face To Face : As per ANSI B 16.10
ON REQUEST 900#,1500#,2500# ALSO AVAILABLE

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR. WCB |
02	Bonnet	A 351 GR. CF 8|CF8M|CF|3|3M|CN7M
03	Seat	AISI 410 | 304 | 316 | 304L | 316L
04	Wedge (Gate)	WCB+13% CR.FACE | CF 8 |8M|3|3M|CA15
05	Stem	AISI 410 | 304 | 316 | 304L | 316L | ALLOY 20
06	Back Seat Bush	AISI 410 | 304 | 316 | 304L | 316L | ALLOY 20
07	Gland Bush	AISI 410 | 304 | 316 | 304L | 316L | ALLOY 20
08	Gland Flange	C.S.|AISI 410 | 304 | 316 | 304L | 316L
09	Gland Packing	GRAFOIL | P.T.F.E
10	Gasket	CAF | GRAPHITE ASBESTOS | SP. WOUND
11	Yoke Sleeve	C.S.
12	Yoke Nut	C.S.
13	Bonnet Bolt & Nut	C.S. | B7 | 2H | S.S. 304 | 316 | 304L | 316L
14	Hand Wheel	CAST IRON
15	Hand Wheel Nut	C.S.

FEATURES : Size 6" & Above Yoke Provided on Bonnet

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic		
Pr. Rating	600#		
Body	2175	151	154
Seat	1600	111	113
Back Seat	1600	111	113

DESIGN STANDARD : API 600

Dimensions [600 Class] — **(All Dimensions are in mm)**

SIZE	FLANGE DETAILS						H	ØW
	L	ØD	ØE	ØF	N	ØO		
25	216	125	88.9	50.8	4	19	255	200
40	241	155	114.3	73.0	4	22.2	380	250
50	292	165	127.0	92.1	8	19	440	250
65	330	190	149.2	104.7	8	22.2	500	300
80	356	210	168.3	127.0	8	22.2	545	350
100	432	275	215.9	157.2	8	25.4	695	350
125	508	330	266.7	185.6	8	28.6	730	450
150	559	355	292.1	215.9	12	28.6	845	450
200	660	420	349.2	269.9	12	31.7	1200	600
250	787	510	431.8	323.8	16	34.9	1390	760
300	838	560	489.0	381.0	20	34.9	1580	760

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

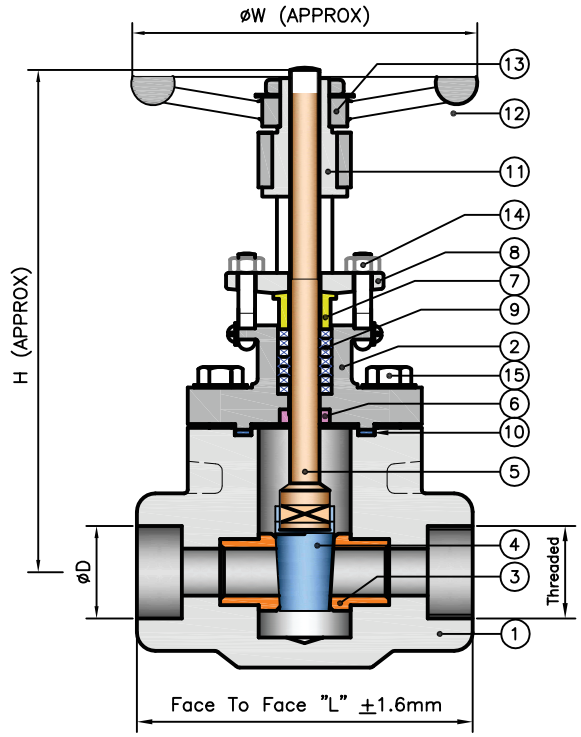
FORGED GLOBE VALVE

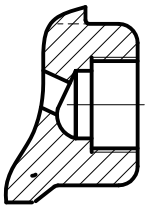
200 - F/C - End - Size - Class -Material - Operation - Rating - 800 #

FEATURES :

* Deep Stuffing Box
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet For Max. Service Life
* Seat & Gate Stellited Hard Face [Optional]

Pressure Rating : 800 #
End Connection : Socket Weld End | Screwed
Socket Weld : As per ANSI B 16.11
Screwed End : As per ASME B 1.20.1
Face To Face : As per ANSI B 16.10
Port Opening : Regular Port
ON REQUEST 1500# & 2500# IBR** ALSO AVAILBLE





BSP | BSPI | NPI
THREADED END

NOMENCLATURE :

No	Description	Material
01	Body	A 105 |
02	Bonnet	A 182 F 304 | 316 | 304L | 316L
03	Seat Ring	A 276 T- 410 | 304 | 316 | 304L | 316L
04	Disc	ASTM A 217 GR. CA 15 |
		A 276 T- 410 | 304 | 316 | 304L | 316L
05	Stem	A 276 T- 410 | 304 | 316 | 304L | 316L
06	Back Seat Bush	A 276 T- 410 | 304 | 316 | 304L | 316L
07	Gland Bush	A 276 T- 410 | 304 | 316 | 304L | 316L
08	Gland flange	ASTM A 105 | 182 F 304 | 316
09	Gland Packing	GRAFOIL | PTFE | BRAIDED ASBESSTOS
10	Gasket	S.S. SPIRAL WOUND WITH CAF|GRAPHITE| PTFE
11	Yoke Nut	C.S.
12	Hand Wheel	CAST IRON | S.G. IRON
13	Hand Wheel Nut	C.S. | S.S. 304
14	Eye Bolt & Nut	C.S. | S.S. 304
15	Body-Bonnet Bolt	A 193 GR. B7 | S.S. 307

TESTING STANDARD : BS 6755-I | API 598

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic			Air		
Pr. Rating	800 #					
Body	3000	207	211	--	--	--
Seat	2000	138	141	80	5.5	5.6
Back Seat	2000	138	141	--	--	--

DESIGN STANDARD : BS 5352 | API 602 | ASME B 16.34

Dimensions [800 Class]				(All Dimensions are in mm)
SIZE	L	ØD	H	ØW
15	90	21.7	165	95
20	94	27.1	173	95
25	108	33.8	192	95
32	126	42.5	254	150
40	126	48.6	254	150
50	142	61.1	275	150

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

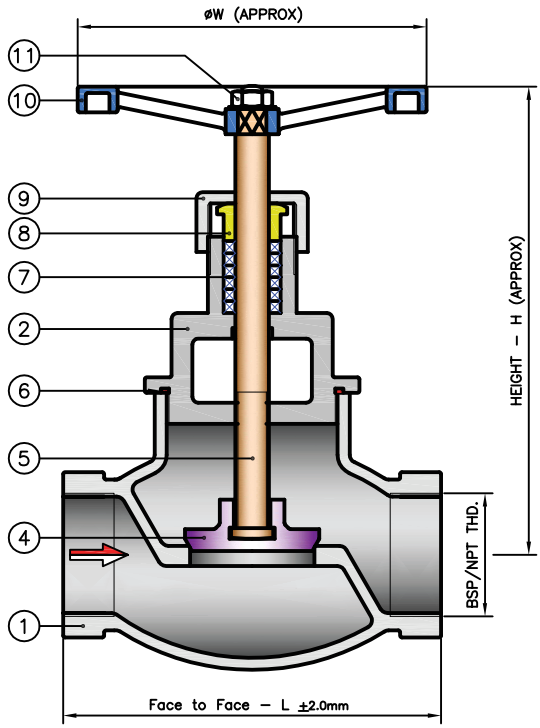
GLOBAL VALVE

Screwed End, Screwed Bonnet

FEATURES :

* Screwed Bonnet, Integral Seat
* Inside Screw, Rising Stem, Rising Hand Wheel
* High Quality PTFE | Graphite Gland Packing

Pressure Rating : 150 #
End Connection : Screwed End [BSP] F
Screwed End : As per ASME B 1.20.1



NOMENCLATURE :

No	Description	Material
01	Body	ASTM A 216 GR. WCB
02	Bonnet	ASTM A 351 GR. CF8 | 8M | 3 | 3M
03	Seat Ring	INTEGRAL
04	Disc	CA 15 | WCB+13% Cr. Face | A 276 T-410 | 304 | 316 | 304L |316
05	Stem	A 276 T-410 | 304 | 316 | 304L |316
06	Gasket	P.T.F.E. | CAF
07	Gland Packing	P.T.F.E. | GRAPHITED ASBESTOS | GRAFOIL
08	Gland Bush	A 276 T-410 | 304 | 316
09	Gland Nut	C.S. | CF8 |8M
10	Hand Wheel	C.I. | C.S.
11	Hand Wheel Nut	C.S. | S.S.

TESTING STANDARD : BS EN 12266 I

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic		
Pr. Rating	150 #		
Body	425	29.3	30
Seat	300	20.7	21

DESIGN STANDARD :

Dimensions [150 Class]			(All Dimensions are in mm)
SIZE	L	H	ØW
15	57	94	70
20	68	102	70
25	82	118	75
40	102	145	115
50	124	160	115
65	154	205	160
80	175	255	160
100	204	285	200

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

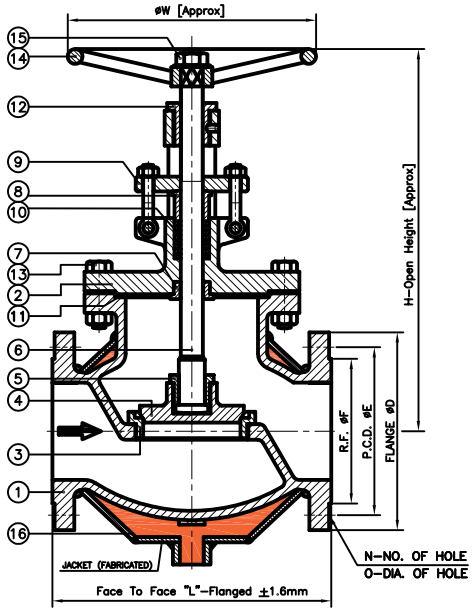
fluir Controls

JACKETED GLOBE VALVE

Flanged End

FEATURES :

* Deep Stuffing Box
* Gland Seal Design with Lantern Ring Option
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet for Max. Service Life
* Seat, Wedge & Back Seat Stelliting [Optional]



Pressure Rating : 150 # | 300 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 150 # | 300 #
Face To Face : As per ANSI B 16.10

NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | ASTM A 216 GR. WCB |
02	Bonnet	ASTM A 351 GR. CF 8| 8M
		ASTM A 351 GR. CN 7M
03	Seat Ring	CA 15 | AISI 410 | 304 | 316 | ALLOY 20
04	Disc	CA 15 | WCB + 13% Cr. Face |
		AISI 304 | 316 | CF 8 | CF 8M | ALLOY 20
05	Disc Nut	AISI 410 | 304 | 316 | ALLOY 20
06	Stem	AISI 410 | 304 | 316 | ALLOY 20
07	Back Seat Bush	AISI 410 | 304 | 316 | ALLOY 20
08	Gland Bush	AISI 410 | 304 | 316 | ALLOY 20
09	Gland Flange	C.S. | S.S.
10	Gland Packing	GRAFOIL | P.T.F.E IMPREGNATED ASBESTOS
11	Gasket	CAF|SP. WOUND WITH P.T.F.E |CAF | GRAFOIL
12	Yoke Bush	C.S. | A 439 GR. D2 |PH. BRONZE
13	Bonnet Bolt & Nut	C.S. | A193 GR. B7 | 2H | S.S. 304 | 316
14	Hand Wheel	CAST IRON | CARBON STEEL | DUCTILE IRON
15	Wheel Nut	C.S | A 194 GR. 2H | S.S. 304 | 316
16	Jacket (Welded)	M.S. | S.S. 304 | 316 (FABRICATED)

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm_2						
Test	Hydrostatic					
Pr. Rating	150#					
MOC	C.I.			C.S.|S.S.		
Body	215	14.72	15	425	29.3	30
Seat	142	9.8	10	300	20.7	21
Back Seat	142	9.8	10	300	20.7	21

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic		
Pr. Rating	300#		
MOC	C.S.|S.S.		
Body	1125	77.5	79
Seat	825	56.8	58
Back Seat	825	56.8	58

DESIGN STANDARD : BS 1873 | ASME B 16.34

Dimensions [150 Class] (All Dimensions are in mm)								
SIZE	FLANGE DETAILS						H	ØW
	L	ØD	ØE	ØF	N	ØO		
25	127	108	79.3	50.8	4	15.8	230	125
40	165	127	98.4	73	4	15.8	285	178
50	203	152.4	120.6	92.1	4	19	335	178
65	216	177.8	139.7	104.7	4	19	355	240
80	241	190.5	152.4	127.0	4	19	380	240
100	292	228.6	190.5	157.2	8	19	432	240
125	356	254	215.9	185.6	8	22.2	485	340
150	406	279	241.3	215.9	8	22.2	520	340
200	495	343	298.4	269.9	8	22.2	610	470
250	623	406	362.0	323.8	12	25.4	675	470
300	699	483	431.8	381	12	25.4	950	510

DESIGN STANDARD : API 600

Dimensions [300 Class] (All Dimensions are in mm)								
SIZE	FLANGE DETAILS						H	ØW
	L	ØD	ØE	ØF	N	ØO		
50	267	165.1	127	92.1	8	19	325	203
65	292	190.5	149.3	104.7	8	22.2	425	254
80	317	209.5	168.1	127.0	8	22.2	485	300
100	356	254	200.1	157.2	8	22.2	520	300
125	400	279.4	235	185.6	8	22.2	565	350
150	445	317.5	269.7	215.9	12	22.2	655	350
200	559	381	330.2	269.9	12	25.4	825	500
250	623	444.5	387.3	323.8	16	28.4	920	610
300	711	520.7	450.7	381	16	31.7	1155	700

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

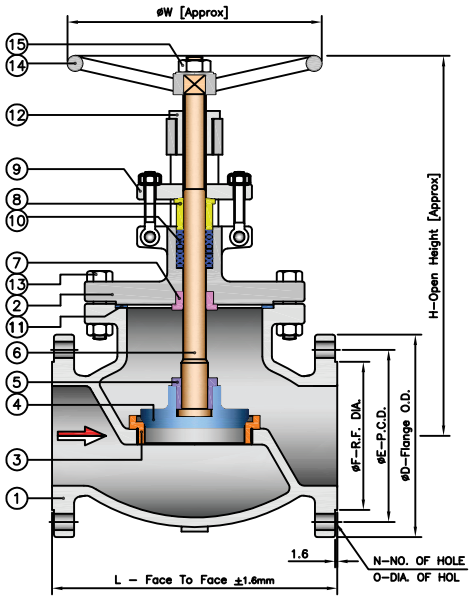
fluir Controls

GLOBE VALVE

Bolted Bonnet, Rising Stem

FEATURES :

* Deep Stuffing Box
* Gland Seal Design with Lantern Ring Option
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet for Max. Service Life
* Seat, Wedge & Back Seat Stelliting [Optional]



Pressure Rating : 150 # | 300 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 150 # | 300 #
Face To Face : As per ANSI B 16.10
ON REQUEST **IBR ALSO AVAILABLE

NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | ASTM A 216 GR. WCB |
02	Bonnet	ASTM A 351 GR. CF 8 | 8M
		ASTM A 351 GR. CN 7M
03	Seat Ring	CA 15 | AISI 410 | 304 | 316 | ALLOY 20
04	Disc	CA 15 | WCB + 13% Cr. Face |
		AISI 304 | 316 | CF 8 | CF 8M | ALLOY 20
05	Disc Nut	AISI 410 | 304 | 316 | ALLOY 20
06	Stem	AISI 410 | 304 | 316 | ALLOY 20
07	Back Seat Bush	AISI 410 | 304 | 316 | ALLOY 20
08	Gland Bush	AISI 410 | 304 | 316 | ALLOY 20
09	Gland Flange	C.S. | S.S.
10	Gland Packing	GRAFOIL | P.T.F.E IMPREGNATED ASBESTOS
11	Gasket	CAF|SP. WOUND WITH P.T.F.E |CAF | GRAFOIL
12	Yoke Bush	C.S. | A 439 GR. D2 |PH. BRONZE
13	Bonnet Bolt & Nut	C.S. | A193 GR. B7 | 2H | S.S. 304 | 316
14	Hand Wheel	CAST IRON | CARBON STEEL | DUCTILE IRON
15	Wheel Nut	C.S. | A 194 GR. 2H | S.S. 304 | 316

TESTING STANDARD : BS 6755 - I

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic					
Pr. Rating	150#					
MOC	C.I.			C.S.| S.S.		
Body	215	14.7	15	425	29.3	30
Seat	142	9.8	10	300	20.7	21
Back Seat	142	9.8	10	300	20.7	21

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm$_2$			
Test	Hydrostatic		
Pr. Rating	300#		
MOC	C.S.| S.S.		
Body	1125	77.5	79
Seat	825	56.8	58
Back Seat	825	56.8	58

DESIGN STANDARD : BS 1873

Dimensions [150 Class] (All Dimensions are in mm)								
SIZE	FLANGE DETAILS						H	ØW
	L	ØD	ØE	ØF	N	ØO		
25	127	108	79.3	50.8	4	15.8	230	125
40	165	127	98.4	73	4	15.8	285	178
50	203	152.4	120.6	92.1	4	19	335	178
65	216	177.8	139.7	104.7	4	19	355	240
80	241	190.5	152.4	127.0	4	19	380	240
100	292	228.6	190.5	157.2	8	19	432	240
125	356	254	215.9	185.6	8	22.2	485	340
150	406	279	241.3	215.9	8	22.2	520	340
200	495	343	298.4	269.9	8	22.2	610	470
250	623	406	362.0	323.8	12	25.4	675	470
300	699	483	431.8	381	12	25.4	950	510

DESIGN STANDARD : BS 1873

Dimensions [300 Class] (All Dimensions are in mm)								
SIZE	FLANGE DETAILS						H	ØW
	L	ØD	ØE	ØF	N	ØO		
50	267	165.1	127	92.1	8	19	325	203
65	292	190.5	149.3	104.7	8	22.2	425	254
80	317	209.5	168.1	127.0	8	22.2	485	300
100	356	254	200.1	157.2	8	22.2	520	300
125	400	279.4	235	185.6	8	22.2	565	350
150	445	317.5	269.7	215.9	12	22.2	655	350
200	559	381	330.2	269.9	12	25.4	825	500
250	623	444.5	387.3	323.8	16	28.4	920	610
300	711	520.7	450.7	381	16	31.7	1155	700

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

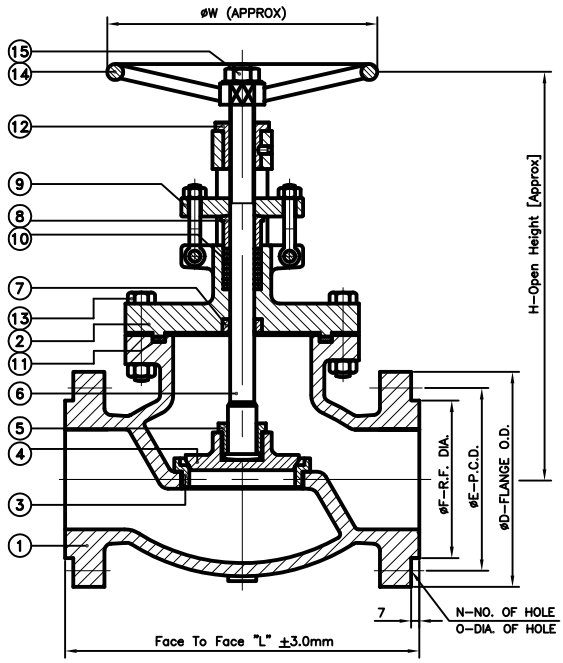
fluir Controls

GLOBE VALVE

Bolted Bonnet, Rising Stem

FEATURES :

* Deep Stuffing Box
* Gland Seal Design with Lantern Ring Option
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet For Max. Service Life
* Seat & Gate Stellited Hard Face [Optional]



Pressure Rating : 600 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, Class 600#
Face To Face : As per ANSI B 16.10
ON REQUEST 900#,1500#,2500# IBR** ALSO AVAILBLE

NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | ASTM A 216 GR. WCB
02	Bonnet	ASTM A 351 GR. CF 8 | 8M
		ASTM A 351 GR. CN 7M
03	Seat Ring	CA 15 | AISI 410 | 304 | 316 | ALLOY 20
04	Disc	CA 15|WCB+13% Cr. Face |
		AISI 304 | 316 |CF 8 | CF 8M | ALLOY 20
05	Disc Nut	AISI 410 | 304 | 316 | ALLOY 20
06	Stem	AISI 410 | 304 | 316 | ALLOY 20
07	Back Seat Bush	AISI 410 | 304 | 316 | ALLOY 20
08	Gland Bush	AISI 410 | 304 | 316 | ALLOY 20
09	Gland flange	C.S. | S.S.
10	Gland Packing	GRAFOIL | P.T.F.E IMPREGNATED ASBESTOS
11	Gasket	CAF |SP. WOUND WITH P.T.F.E | CAF| GRAFOIL
12	Yoke Bush	C.S. | A 439 GR. D2 | PH. BRONZE
13	Bonnet Bolt & Nut	C.S. | A 193 GR. B7 | 2H | S.S. 304 | 316
14	Hand Wheel	CAST IRON | CARBON STEEL | DUCTILE IRON
15	Wheel Nut	C.S. | A 194 GR. 2H | S.S. 304 | 316

TESTING STANDARD : BS 6755-I

Test Pressure in PSIG | BAR | Kg/cm$_2$			
Test	Hydrostatic		
Pr. Rating	600 #		
Body	2175	151	154
Seat	1600	111	113
Back Seat	1600	111	113

DESIGN STANDARD : BS 1873

Dimensions [600 Class] — **(All Dimensions are in mm)**

SIZE	FLANGE DETAILS						H	ØW
	L	ØD	ØE	ØF	N	ØO		
25	216	125	88.9	50.8	4	19	295	200
40	241	155	114.3	73.0	4	22.2	350	250
50	292	165	127.0	92.1	8	19	415	250
65	330	190	149.2	104.7	8	22.2	490	300
80	356	210	168.3	127.0	8	22.2	550	350
100	432	275	215.9	157.2	8	25.4	590	350
125	508	330	266.7	185.6	8	28.6	620	450
150	559	355	292.1	215.9	12	28.6	700	450
200	660	420	349.2	269.9	12	31.7	950	600
250	787	510	431.8	323.8	16	34.9	1140	760
300	838	560	489.0	381.0	20	34.9	1320	760

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

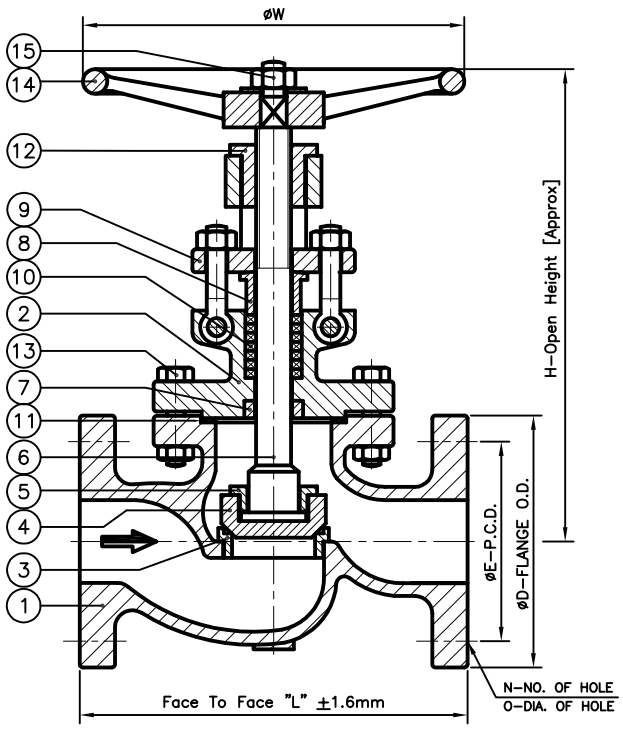
fluir Controls

GLOBE VALVE

Bolted Bonnet, Rising Stem, ND40

FEATURES :

* Deep Stuffing Box
* Gland Seal Design with Lantern Ring Option
* Graphite Ring Enusres Effective Stem Sealing
* Self Aligning Two Piece Gland
* Hardened Back Sheet For Max. Service Life
* Seat & Gate Stellited Hard Face [Optional]



Pressure Rating : PN 16 | PN 40
End Connection : Flanged End
Flange Drilling : BS 10 Table ' F ' | ' H '
Face To Face : ANSI B 16.10

NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON | ASTM A 216 GR. WCB
02	Bonnet	ASTM A 351 GR. CF 8 | 8M
		ASTM A 351 GR. CN 7M
03	Seat Ring	CA 15 | AISI 410 | 304 | 316 | ALLOY 20
04	Disc	CA 15|WCB+13% Cr. Face |
		AISI 304 | 316 |CF 8 | CF 8M | ALLOY 20
05	Disc Nut	AISI 410 | 304 | 316 | ALLOY 20
06	Stem	AISI 410 | 304 | 316 | ALLOY 20
07	Back Seat Bush	AISI 410 | 304 | 316 | ALLOY 20
08	Gland Bush	AISI 410 | 304 | 316 | ALLOY 20
09	Gland flange	C.S. | S.S.
10	Gland Packing	GRAFOIL | P.T.F.E IMPREGNATED ASBESTOS
11	Gasket	CAF |SP. WOUND WITH P.T.F.E | CAF| GRAFOIL
12	Yoke Bush	C.S. | A 439 GR. D2 | PH. BRONZE
13	Bonnet Bolt & Nut	C.S. | A 193 GR. B7 | 2H | S.S. 304 | 316
14	Hand Wheel	CAST IRON | CARBON STEEL | DUCTILE IRON
15	Wheel Nut	C.S. | A 194 GR. 2H | S.S. 304 | 316

TESTING STANDARD : BS 6755-I

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic	Air	
Pr. Rating	PN 16	PN 40	
MOC	C.I.	C.S. | S.S.	
Body	300	855	--
Seat	300	855	80
Back Seat	230	570	--

DESIGN STANDARD : BS 1873 | DIN Std.

Dimensions [Table - F] (All Dimensions are in mm)

SIZE	L	FLANGE DETAILS				H	ØW
		ØD	ØE	N	ØO		
25	160	121	87	4	15.8	230	125
40	200	140	105	4	15.8	285	178
50	230	165	127	4	19	335	178
65	290	184	146	8	19	355	240
80	310	203	165	8	19	380	240
100	350	229	190	8	19	432	240
150	480	305	260	8	22.2	520	340
200	600	368	324	8	22.2	610	470
250	730	432	381	12	25.4	675	470
300	850	489	438	12	25.4	950	510

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

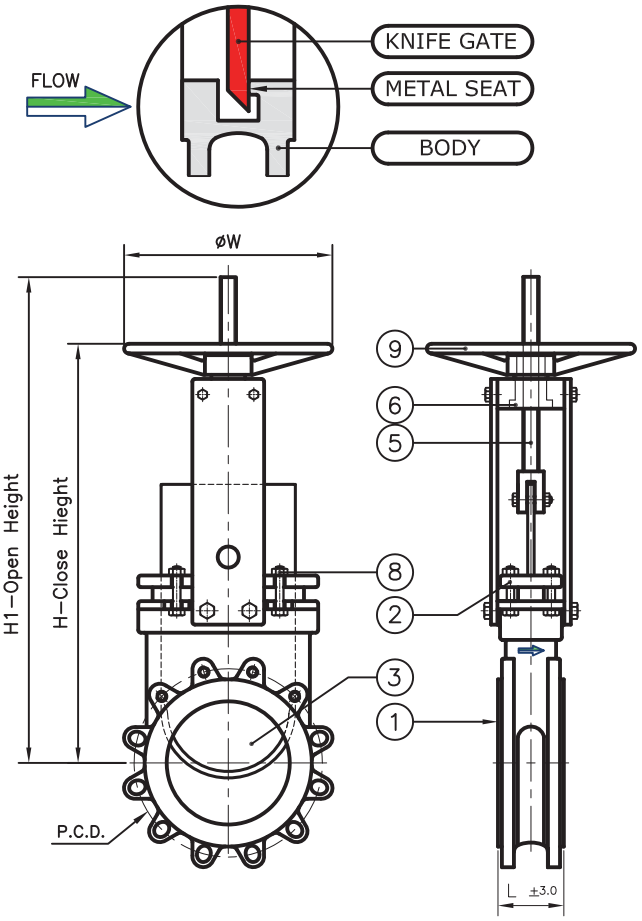
fluir Controls

UNIDIRECTIONAL KNIFE GATE VALVE

Wafer - Full Lugs Typ, Flangeless, Sandwich Type

SALIENT FEATURES :

* Single Casted Body, Corrosion Resistant, Solid Heavy Duty
* Uni - Directional Design, Rising Stem, Non - Rising Hand Wheel
* Available in Different Combination of Body, Gate & Seat.
* Long Life, Easy Opertion & Installation
* Pneumatic | Electric Operation Also Available



Design Standard : MSS SP 81
Testing Standard : MSS SP 81
Face To Face : MSS SP 81
Pressure Rating : 150 PSI (10 BAR)
Body Design : Wafer, Type [Full Lugs Body]
: Throughout Elyptical Hole in All Lugs
: Tapped Hole in Body Chest Area
End Connection : Wafer Type To Suit Between ANSI B 16.5, Class 150# Flanges
Operation : Manual Hand Wheel Operated

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR. WCB
02	Gland	A 351 GR. CF8 | CF8M| CF3 | CF3N | CA15
		OTHERS ON REQUEST
03	Knife Gate	SS 304 | 316 | 304L| 316L
		ALLOY 20 | HASTELLOY | DUPLEX STEEL
04	Seat	INTEGRAL WITH BODY, METAL TO METAL
05	Spindle	SS 304 | 316 | 304L | 316L
06	Spindle Nut	SGI |D2 | GUN METAL | GRASS
07	Gland Packing	PTFE IMPREGNATED | GRAPHITE ASBESTOS
08	Fasteners	B7-2H | SS | 304 | 316
09	Hand Wheel	DUCTILE IRON | CARBON STEEL
10	Hand Wheel Nut	A 105

TESTING STANDARD :

Test Pressure in Kg/cm_2		
Test	Hydrostatic	Air
Sign on Sheel	10.0	
Seat	2.82	

Dimensions [150 Class]					(All Dimensions are in mm)
SIZE	H	H1	ØW	L	PCD
80	233	475	215	51	152.4
100	374	520	215	51	190.5
125	408	600	250	57	215.9
150	459	652	250	57	241.3
200	581	822	293	70	298.4
250	681	1022	418	70	361.9
300	781	1122	418	76	431.8
350	890	1323	505	76	476.2
400	994	1427	505	89	539.7
450	1086	1594	505	89	577.8
500	1150	1822	505	114	635.0
600	1351	2180	505	114	749.3

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

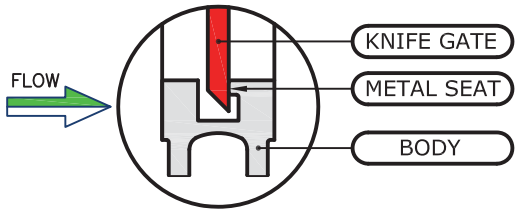
fluir Controls

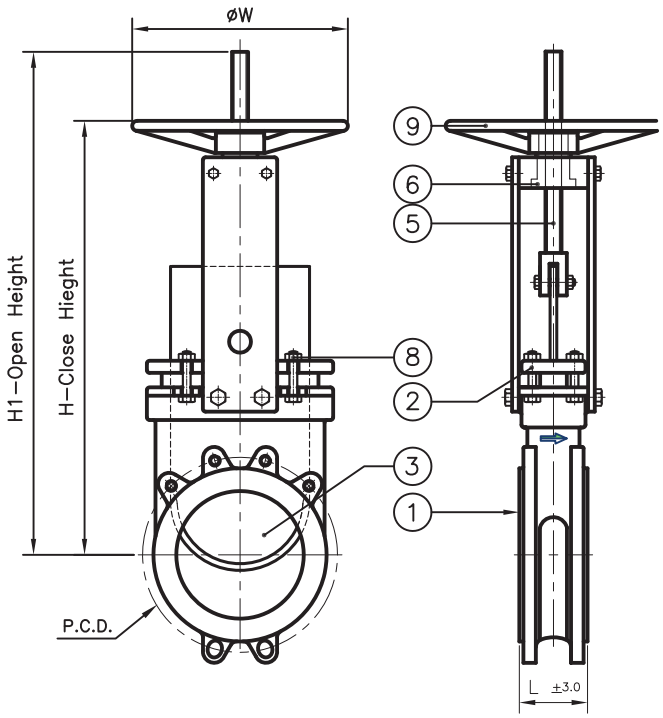
UNIDIRECTIONAL KNIFE GATE VALVE

Wafer - Two Lugs Typ, Flangeless, Sandwich Type

SALIENT FEATURES :

* Single Casted Body, Corrosion Resistant, Solid Heavy Duty
* Uni - Directional Design, Rising Stem, Non - Rising Hand Wheel
* Available in Different Combination of Body, Gate & Seat.
* Long Life, Easy Opertion & Installation
* Pneumatic | Electric Operation Also Available





Design Standard : MSS SP 81
Testing Standard : MSS SP 81
Face To Face : MSS SP 81
Pressure Rating : 150 PSI (10 BAR)
Body Design : Wafer, Type [Two Lugs Body]
: Throughout Elyptical Hole in All Lugs
: Tapped Hole in Body Chest Area
End Connection : Wafer Type To Suit Between
ANSI B 16.5, Class 150# Flanges
Operation : Manual Hand Wheel Operated
BI DIRECTION AVAILABLE ON REQUEST

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR. WCB
02	Gland	A 351 GR. CF8 | CF8M| CF3 | CF3N | CA15
		OTHERS ON REQUEST
03	Knife Gate	SS 304 | 316 | 304L| 316L
		ALLOY 20 | HASTELLOY | DUPLEX STEEL
04	Seat	INTEGRAL WITH BODY, METAL TO METAL
05	Spindle	SS 304 | 316 | 304L | 316L
06	Spindle Nut	SGI |D2 | GUN METAL | GRASS
07	Gland Packing	PTFE IMPREGNATED | GRAPHITE ASBESTOS
08	Fasteners	B7-2H | SS | 304 | 316
09	Hand Wheel	DUCTILE IRON | CARBON STEEL
10	Hand Wheel Nut	A 105

TESTING STANDARD :

Test Pressure in Kg/cm_2		
Test	Hydrostatic	Air
Sheel	10.0	
Seat	2.82	
On Air Table	- -	

Dimensions [150 Class]				(All Dimensions are in mm)	
SIZE	H	H1	ØW	L	PCD
80	233	475	215	51	152.4
100	374	520	215	51	190.5
125	408	600	250	57	215.9
150	459	652	250	57	241.3
200	581	822	293	70	298.4
250	681	1022	418	70	361.9
300	781	1122	418	76	431.8
350	890	1323	505	76	476.2
400	994	1427	505	89	539.7
450	1086	1594	505	89	577.8
500	1150	1822	505	114	635.0
600	1351	2180	505	114	749.3

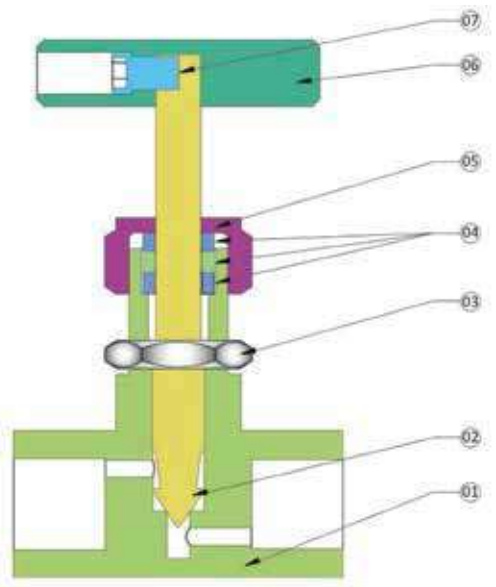
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

HIGH PRESSURE NEEDLE VALVE

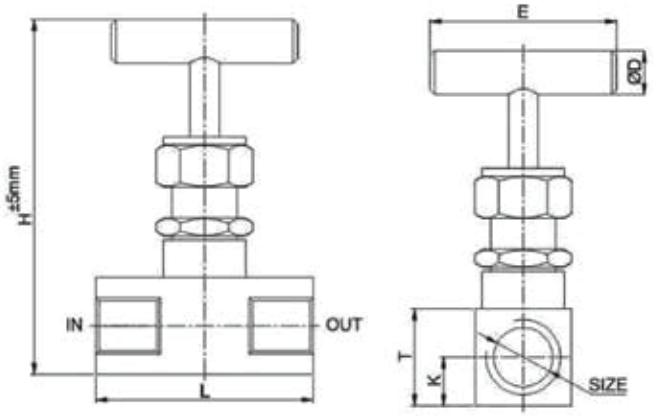
700 KG Size Range : 1/4" to 2" Screwed



Pressure	: 700 Kg / cm² (10000 PSI)
Temperature	: 360° C
Ends	: Screwed (F) to BSP (NPT On Request)
Media	: Air, Water, Oil & Gas
Leakage	: Bubble Tight

NOMENCLATURE :

No	Description	Material
01	Body	Forged S.S. 304 | 316
02	Spindle	S.S. 304 | S.S. 316
03	Check Nut	S.S. 304 | S.S. 316
04	Gland Packing	PTFE S.S. 304 | S.S. 316
05	Gland Nut	S.S. 304 | S.S. 316
06	'T' Type Key	S.S. 304 | S.S. 316
07	Allenkey	S.S. 304 | S.S. 316



Dimensions (All Dimensions are in mm)

SIZE		H		T	L	K	ØD	E	Weight Approx.
MM	INCH	Close	Open						
6	1/4"	115	125	29	65	14.5	14	55	0.610
10	3/8"	118	125	30	65	15	14	60	0.590
15	1/2"	118	125	31.5	70	16.5	14	60	0.690
20	3/4"	128	142	38.5	75	20	14	60	0.970
25	1"	140	152	44	75	21.5	14	70	1.260
32	1.1/4"	152	165	53	91	26.5	14	70	1.980
40	1.1/2"								
50	2"								

On Request

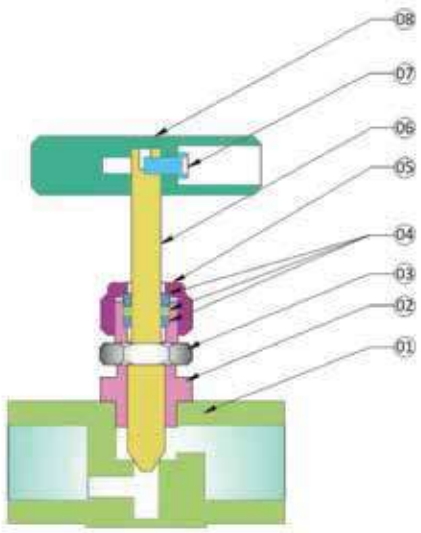
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

MEDIUM PRESSURE NEEDLE VALVE

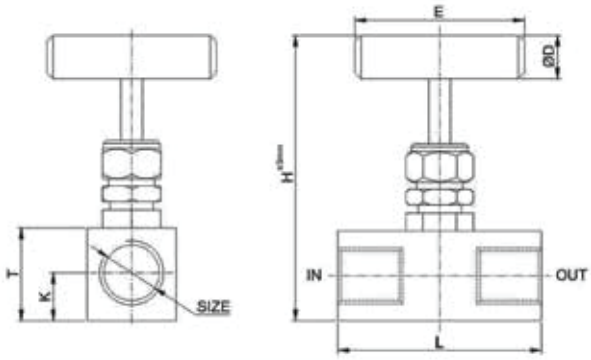
350 KG Size Range : 1/4" to 2" Screwed



Pressure : 350 Kg / cm² (5000 PSI)
Temperature : 200° C
Ends : Screwed (F) to BSP (NPT On Request)
Media : Air, Water, Oil & Gas
Leakage : Bubble Tight

NOMENCLATURE :

No	Description	Material
01	Body	IC CF8 | CF8M
02	Bonnet	S.S. 304 | S.S. 316
03	Check Nut	S.S. 304 | S.S. 316
04	Gland Packing	PTFE S.S. 304 | S.S. 316
05	Gland Nut	S.S. 304 | S.S. 316
06	Spindle	S.S. 304 | S.S. 316
07	Allenkey	Stainless Steel
08	'T' Type Key	S.S. 304 | S.S. 316



Dimensions (All Dimensions are in mm)

SIZE		H		T	L	K	ØD	E	Weight Approx.
MM	INCH	Close	Open						
6	1/4"	90	105	28	54	14	14	55	0.390
10	3/8"	90	105	28	54	14	14	55	0.380
15	1/2"	95	110	29	66	15	14	55	0.420
20	3/4"	120	125	38	38	20	14	60	0.730
25	1"	125	130	42	42	20	14	60	0.830
32	1.1/4"								
40	1.1/2"								
50	2"								

On Request

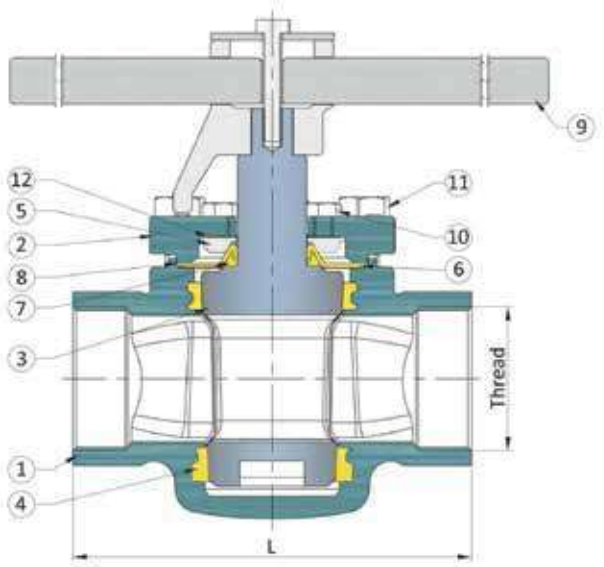
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

PLUG VALVE

2 Way Plug Valve Screwed (BSP | NPT) Size Range 1/2" to 2" (15mm to 50mm)



Design and Manufacturer	: API 599 | BS 5353
Valve Face to Face Dimension	: As per Mfg Std.
Thread End Standard Conformity	: ASME B 1.20.1
Inspection & Testing	: API 598 | EN 12266 - 1
Leakage Class	: CLASS VI ISO - 5208

NOMENCLATURE :

No	Description	Material
01	Body	WCB | CF8 | CF8M | CF3M | CD4MCU
02	Cover	WCB | CF8 | CF8M | CF3M | CD4MCU
03	Plug	CF8 | CF8M | CF3M | CD4MCU
04	Plug Sleeve	PTFE | CFT | CFT
05	Thrust Collar	S.S. 304
06	PTFE Diaphragm	PTFE | CFT | CFT
07	PTFE Wedge Ring	PTFE | CFT | CFT
08	Metal Diaphragm	S.S. 304
09	Handle Rod	S.S. 304
10	Adjusting Hex Bolt	S.S. 304
11	Body Fitting Hex Bolt	S.S. 304
12	Static Eliminator	S.S. 304

Note : Special Metal & Higher Alloys available on request

Dimensions 150# — **(All Dimensions are in mm)**

SIZE		L Screwed	Weight Approx.
MM	INCH		
15	1/2"	82.5	1.100
20	3/4"	82.5	1.100
25	1"	118	2.250
32	1.1/4"	118	2.250
40	1.1/2"	140	3.500
50	2"	165	6.150

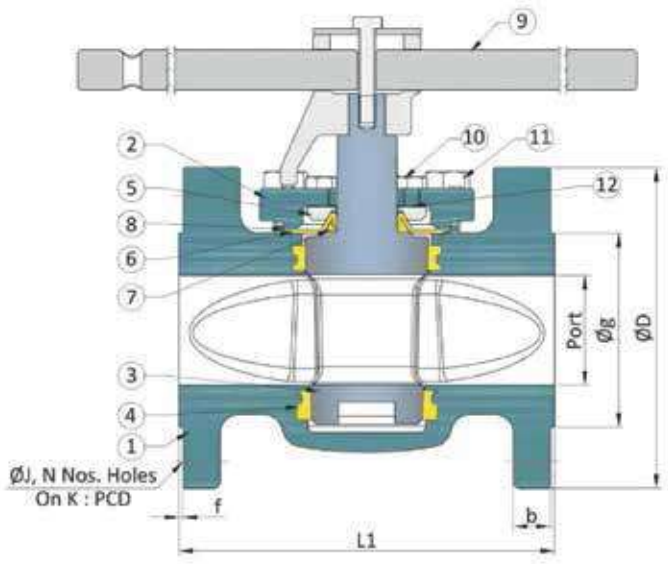
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

PLUG VALVE

2 Way Plug Valve Flanged 150# & 300# Size Range 1/2" to 6" (15mm to 50mm) 150# & 300#



Design and Manufacturer	: API 599 | BS 5353
Valve Face to Face Dimension	: ASME B 16.10
Thread End Standard Conformity	: ASME B 16.5 Class 150# | 300#
Inspection & Testing	: API 598 | EN 12266 - 1
Leakage Class	: CLASS VI ISO - 5208

NOMENCLATURE :

No	Description	Material
01	Body	WCB | CF8 | CF8M | CF3M | CD4MCU
02	Cover	WCB | CF8 | CF8M | CF3M | CD4MCU
03	Plug	CF8 | CF8M | CF3M | CD4MCU
04	Plug Sleeve	PTFE | CFT | CFT
05	Thrust Collar	S.S. 304
06	PTFE Diaphragm	PTFE | CFT | CFT
07	PTFE Wedge Ring	PTFE | CFT | CFT
08	Metal Diaphragm	S.S. 304
09	Handle Rod	S.S. 304
10	Adjusting Hex Bolt	S.S. 304
11	Body Fitting Hex Bolt	S.S. 304
12	Static Eliminator	S.S. 304

Note : Special Metal & Higher Alloys available on request

Dimensions 150# — (All Dimensions are in mm)

SIZE		L1 150#	Weight Approx.
MM	INCH		
15	1/2"	108	2.050
20	3/4"	117	2.450
25	1"	127	4.250
32	1.1/4"	140	4.700
40	1.1/2"	165	7.000
50	2"	178	11.500
65	2.1/2"	190	15.400
80	3"	203	18.000
100	4"	229	27.600
125	5"	254	34.700
150	6"	267	46.400

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

Dimensions 300# — (All Dimensions are in mm)

SIZE		L1 300#	Weight Approx.
MM	INCH		
15	1/2"	140	2.500
20	3/4"	152	3.500
25	1"	165	5.5150
32	1.1/4"	178	6.600
40	1.1/2"	190	9.700
50	2"	216	13.700
65	2.1/2"	241	18.000
80	3"	282	23.000
100	4"	305	37.800
125	5"	381	51.800
150	6"	403	70.500

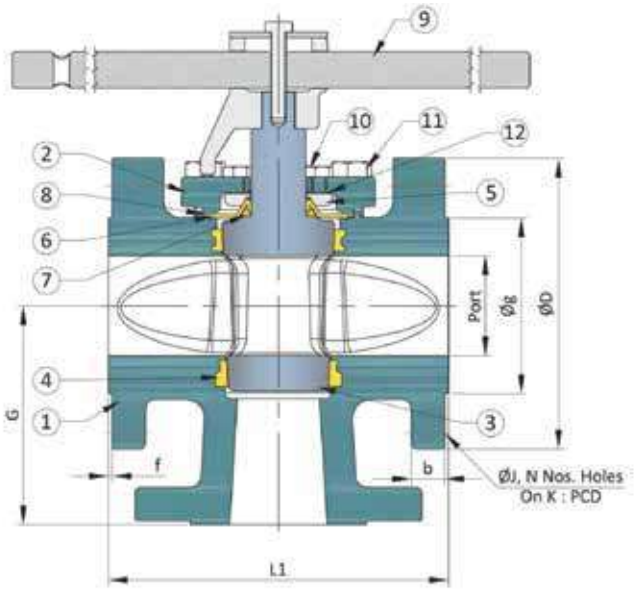
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

PLUG VALVE

3 Way Plug Valve Flanged 150# Size Range 1/2" to 6" (15mm to 150mm) 150#



Design and Manufacturer	: API 599 | BS 5353
Valve Face to Face Dimension	: ASME B 16.10
Flange Standard Conformity	: ASME B 16.5 Class 150# / 300#
Inspection & Testing	: API 598 | EN 12266 - 1
Leakage Class	: CLASS VI ISO - 5208

NOMENCLATURE :

No	Description	Material
01	Body	WCB | CF8 | CF8M | CF3M | CD4MCU
02	Cover	WCB | CF8 | CF8M | CF3M | CD4MCU
03	Plug	CF8 | CF8M | CF3M | CD4MCU
04	Plug Sleeve	PTFE | CFT | CFT
05	Thrust Collar	S.S. 304
06	PTFE Diaphragm	PTFE | CFT | CFT
07	PTFE Wedge Ring	PTFE | CFT | CFT
08	Metal Diaphragm	S.S. 304
09	Handle Rod	S.S. 304
10	Adjusting Hex Bolt	S.S. 304
11	Body Fitting Hex Bolt	S.S. 304
12	Static Eliminator	S.S. 304

Note : Special Metal & Higher Alloys available on request

Dimensions 150# (All Dimensions are in mm)

SIZE		L1 150 #	G	Weight Approx.
MM	INCH			
15	1/2"	108	70	2.630
20	3/4"	117	73	3.150
25	1"	127	89	5.150
32	1.1/4"	140	95	5.900
40	1.1/2"	165	105	8.400
50	2"	178	114.5	13.700
65	2.1/2"	190	130.25	19.200
80	3"	203	130.25	21.500
100	4"	229	152.5	33.350
150	6"	267	190.5	60.800

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

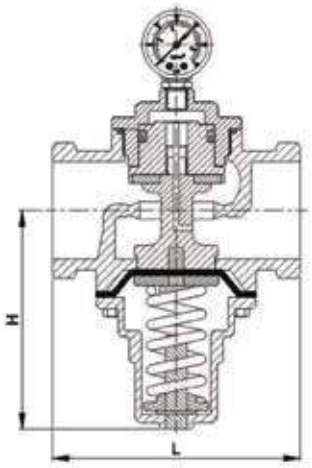
fluir Controls

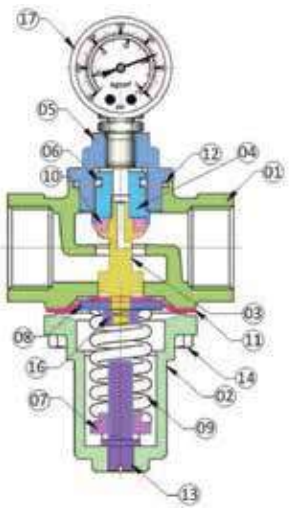
DIRECT - ACTIVATED "PRV"

Size Range : 1/2" to 3" Screwed | Flanged

SILENT FEATURE :

* The gate is designed for opening status, which will not influence the Water supply function under unstable inlet pressure condition.
* When the outlet pressure responds directly to the pressure control chamber and adjusts the setting pressure, it respands quickly and adjusts the pressure accurately.





Pressure Adjusting Range	: 1~5 kgf/cm², 4~9 kgf/cm² (special order is needed for other range)
Valve Body Testing Pressure	: 24 kgf/cm²
Max. Applied Pressure	: 16 kgf/cm²
Pressure needed from fully closed gate to fully-opened gate	: 1 kgf/cm² (1 kgf/cm² =14.2 PSI)
Applied Temperature	: -15~80° C
Applied Condition	: Fluid & Air

NOMENCLATURE :

No	Description	Material
01	Body	CF8 | CF8M
02	Bonnet	CF8 | CF8M
03	Plug	CF8 | CF8M
04	Plug V - Seat	NBR | VITON
05	Sealing Spacer Seat	NBR | VITON | PTFE
06	Piston	S.S. 304 | 316
07	Bonnet Cover	CF8 | CF8M
08	Diaphragm	NBR | VITON | PTFE
09	End Cover	CF8 | CF8M
10	Spring	SPRING STEEL
11	Spring Guide	BRASS | S.S. 410
12	Diaphragm Washer	S.S. 304 | 316
13	Adjusting Piston Bolt	S.S. 304 | 316
14	End Cover O - Ring	NBR | VITON
15	Cover for O - Ring	NBR | VITON
16	Bonnet Fitting Bolt	
	Bonnet Fitting Washer	S.S. 304 | 316
17	Adjusting Nut	S.S. 304 | 316
18	Adjusting Bolt	S.S. 304 | 316

Dimensions 150# (All Dimensions are in mm)

SIZE		L	H	CV	Weight Approx.
MM	INCH				
15	1/2"	61	70.5	2	0.532
20	3/4"	71	74	6	0.656
25	1"	81	83	8	0.882
32	1.1/4"	90.5	121	16	1.289
40	1.1/2"	110.5	125.5	18	2.261
50	2"	115	125.5	21	2.642
65	2.1/2"	158	134	--	On Req.
80	3"	180	141	--	On Req.

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

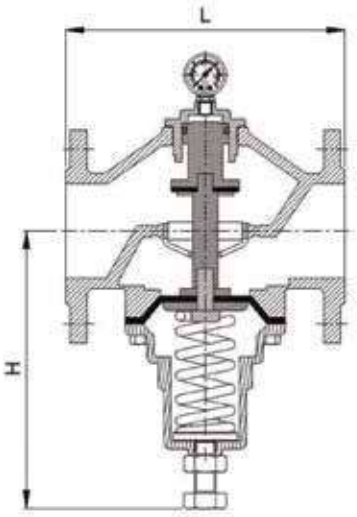
fluir Controls

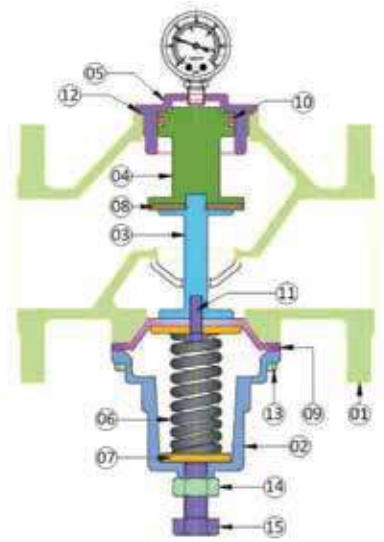
DIRECT - ACTIVATED "PRV"

Cast Iron Flange Type Size Range : 2" to 4" Flanged End

SILENT FEATURE :

* The gate is designed for opening status, which will not influence the Water supply function under unstable inlet pressure condition.
* When the outlet pressure responds directly to the pressure control chamber and adjusts the setting pressure, it respands quickly and adjusts the pressure accurately.





Pressure Adjusting Range	: 1~5 kgf/cm², 3~8 kgf/cm²
Valve Body Testing Pressure	: 21 kgf/cm²
Max. Applied Pressure	: 16 kgf/cm² (1 kgf/cm² = 14.2 PSI)
Applied Temperature	: -15~80° C accurately Design of piston and diaphgragm improves the inability of sustainging pressure and leakage.
Pressure Adjust Range	: 1~6 kgf/cm² , 4~ 10 kgf/cm² , 8 ~ 13kgf/cm²
Pressure needed from fully closed gate to fully-opened gate	: 1.5 kgf/cm² (1 kgf/cm² = 14.2 PSI)
Applied Temperature	:-15~100° C, 100~180° C (For Steam)
Valve Body Testing Pressure	: 35 kgf/cm²
Max. Applied Pressure	: 25 kgf/cm²

NOMENCLATURE :

No	Description	Material
01	Body	CAST IRON
02	Bonnet	CAST IRON
03	Piston	CF8 | CF8M
04	Plug	CF8 | CF8M
05	End Cover	CF8 | CF8M
06	Spring	S.S. 202
07	Spring Guide	BRASS | S.S. 410
08	Washer	NBR
09	Diaphragm	NBR | VITON
10	End Cover V - Seal	NBR | VITON
11	Piston Fot Bolt	M.S.
12	End Cover O - Ring	NBR
13	Bonnet Fitting Bolt	M.S.
14	Adjusting Nut	M.S.
15	Adjusting Bolt	M.S.

Dimensions 150# — **(All Dimensions are in mm)**

SIZE		L	H	CV	Weight Approx.
MM	INCH				
50	2"	190	150	21	12
65	2.1/2"	210	165	38	17
80	3"	225	200	55	19
100	4"	250	220	95	24

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

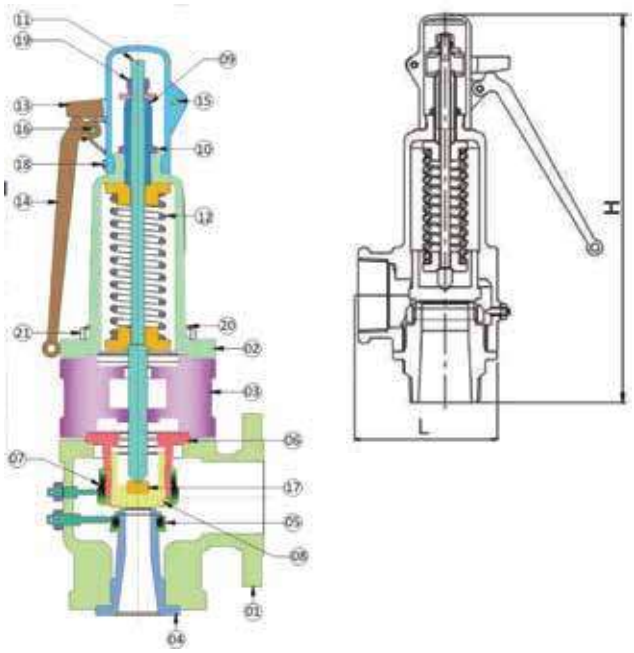
fluir Controls

POP TYPE SAFETY VALVE

Size Range : 1/2" to 4" Flanged

FUNCTION :

* Safety Valve are used on Pressure equipments, Containers or Pipeline as over Pressure in the equipment increase and exceeds allowance, the Valve can automatically open to discharge some mediums to prevent the pressure keeping raised, When the pressure decreases till to the stipulated Valve, the Valve can close in time to avoid the pressure too much reduced, so that normal production will be carried out.



NOMENCLATURE :

No	Description	Material
01	Body Flanged	WCB
02	Top Cover	WCB
03	Bracket	WCB
04	Bonnet	CF8 | CF8M
05	Bonnet Adjusting Ring	CF8 | CF8M
06	Piston Guide	CF8 | CF8M
07	Piston Guide Adj. Ring	CF8 | CF8M
08	Piston	CF8 | CF8M
09	Adjusting Bolt	S.S. 304
10	Adjusting Lock Nut	M.S.
11	Stem	S.S. 304
12	Spring	S.S. 302
13	Lifting Lever	CF8 | CF8M
14	Lifting Handle	CF8 | CF8M
15	Lifting Lever Pin	M.S.
16	Lifting Handle Pin	M.S.
17	Piston Bush	M.S.
18	Cap Lock Nut	M.S.
19	Nut for Stem	M.S.
20	Fitting Stud	M.S.
21	Fitting Nut	M.S.

Dimensions (Flange End) — **(All Dimensions are in mm)**

SIZE		L	H
MM	INCH		
50	2"	213	627.3
65	2.1/2"	235	652.4
80	3"	248	809.5

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

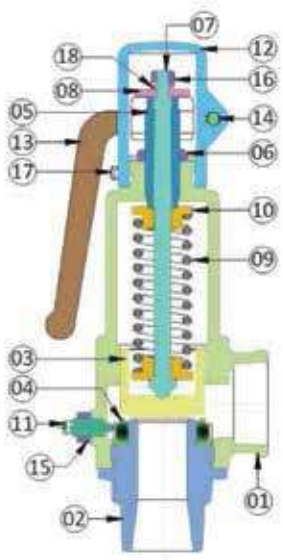
fluir Controls

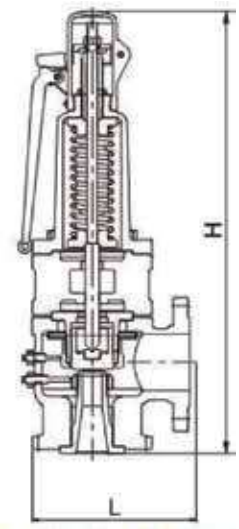
POP TYPE SAFETY VALVE

Size Range : 1/2" to 4" Screwed

FUNCTION :

* Safety Valve are used on Pressure equipments, Containers or Pipeline as over Pressure in the equipment increase and exceeds allowance, the Valve can automatically open to discharge some mediums to prevent the pressure keeping raised, When the pressure decreases till to the stipulated Valve, the Valve can close in time to avoid the pressure too much reduced, so that normal production will be carried out.





NOMENCLATURE :

No	Description	Material
01	Body Screwed	WCB | CF8 | CF8M
02	Bonnet	WCB | CF8 | CF8M
03	Balanced Piston	CF8 | CF8M
04	Adjusting Ring	S.S. 304
05	Adjusting Bolt	S.S. 304
06	Adjusting Lock Nut	M.S.
07	Stem	S.S. 304
08	Flat Washer	M.S.
09	Spring	S.S. 304
10	Spring Guide	S.S. 304
11	Lock Screw	S.S. 304
12	Cap	CF8 | CF8M
13	Lifting Lever	CF8 | CF8M
14	Lever Pin	S.S. 304
15	Hex. Nut Lock Screw	ASTM 194
16	Hex. Nut for Stem	ASTM 194
17	Fitting Bolt for Cap	ASTIM 194
18	Spring Washer	S.S. 304

Dimensions Screwed (All Dimensions are in mm)

SIZE		L	H
MM	INCH		
15	1/2"	59.5	193.5
20	3/4"	67	212.5
25	1"	75	235.8
32	1.1/4"	88.5	273.85
40	1.1/2"	100	293.2
50	2"	110	324.8
65	2.1/2"	133	415.85
80	3"	174.5	486

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

"PRV" PRESSURE REDUCING VALVE

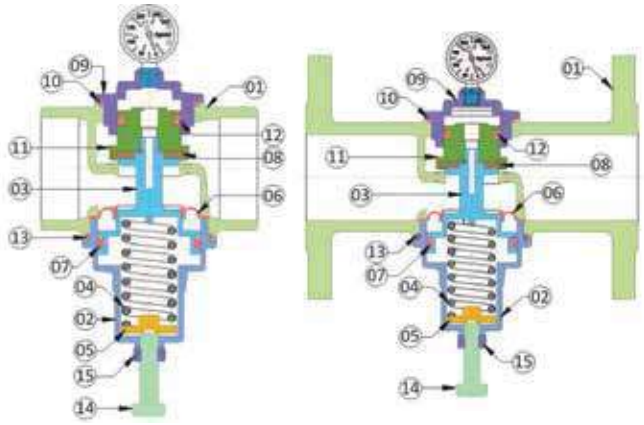
Size Range 1/2" to 4" Screwed / Flange End

STANDARD :

* 1/2" to 4" Meet requirements of
* ASSE Standard 1003, (ANST 112.26)
* CSA Standard B356
* (ASSE - American Society of Sanitary Engineering)
* (CSA - Canadian Standard Association)

EXAMPLE :

* Pressure drop needed for fully - Opended Valve gate for adjustable Pressure range 3~9 Kg / cm² of direct activated Pressure reducing Valve
* A = B / 4 =9 - 3 = 1.5 Kg / cm²
* If the setting pressure of outlet 6 Kg / cm², Pressure of fully - Opened Valve gate will be P = 6-1.5 = 4.5
* Kgf / cm² (Outlet Pressure should go down under 4.5 Kg / cm² to make Valve gate fully Open)



OPTIONS :

* Availabe different Models for Air, Water, Oil, Gas Stem & Chemical
* LP - Low Pressure Range : 10 - 35 PSI
* HP - High Pressure Range : Max. Inlet 40 Kg / cm²
  Outlet 12 ~ 25 Kg / cm²
  20 ~ 35 Kg / cm²

Temperature	: 80° C (For Water)
Temperature	: 180° C (For Stem)
Maximum Working Pressure	: 21Kg/cm², Inlet
Pressure Adjusting Range	: 1~6Kg/cm², 4 ~ 10Kg/cm²
	8 ~13Kg/cm², 12 ~ 20Kg/cm² 20 ~ 35Kg/cm²

NOMENCLATURE :

No	Description	Material
01	Body	CF8 | CF8M
02	Bonnet	CF8 | CF8M
03	Piston	CF8 | CF8M
04	Spring	S.S. 302
05	Spring Guide	Brass | S.S. 410
06	Diaphragm	NBR | Viton
07	Piston V - Seal	NBR | Viton
08	Washer	NBR | Viton
09	End Cover	CF8 | CF8M
10	End Cover'O' - Ring	NBR | Viton
11	Plug	CF8 | CF8M
12	Plug V - Seal	NBR | Viton
13	Bonnet 'O' - Ring	NBR | Viton
14	Adjusting Bolts	S.S. 304 | 316
15	Adjusting Nut	S.S. 304 | 316

Dimensions 150# — **(All Dimensions are in mm)**

SIZE		L	H	CV	Weight Approx.
MM	INCH				
50	2"	190	150	21	12
65	2.1/2"	210	165	38	17
80	3"	225	200	55	19
100	4"	250	220	95	24

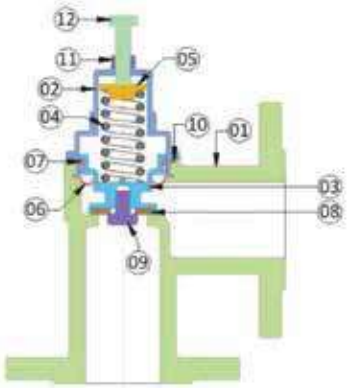
** Others Class Dimensions On Request

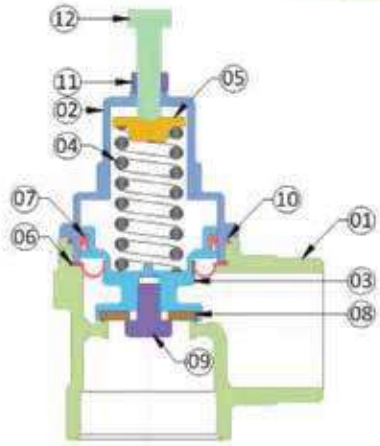
Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

SILENT FEATURE SAFETY VALVE

Size Range : 1/2" to 4" Screwed | Flanged

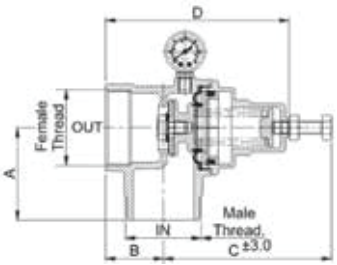


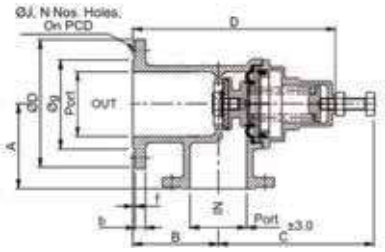


Temperature Range	: 80° C (for Water) | 180° C (for Stem)
Max. Working Pressure	: 21 kgf/cm² Inlet
Pressure Adjusting Range	: 0.5 ~ 10 kgf/cm² | 10 ~ 20 kgf/cm²
	20 ~ 50 kgf/cm²

NOMENCLATURE :

No	Description	Material
01	Body	CF8 | CF8M
02	Bonnet	CF8 | CF8M
03	Plug	CF8 | CF8M
04	Spring	S.S. 302
05	Spring Guide	BRASS | S.S. 410
06	Diaphragm	NBR | VITON
07	V - Seal	NBR | VITON
08	Washer	NBR | VITON
09	Plug Bolt	CF8 | CF8M
10	O - Ring	NBR | VITON
11	Adjusting Bolt	S.S. 304
12	Adjusting Nut	S.S. 304





Dimensions (Screwed) — (All Dimensions are in mm)

SIZE		A	B	C	D	Weight Approx.
MM	INCH					
15	1/2"	48.8	22.1	118	98.5	0.750
20	3/4"	50	28	118	104.5	0.732
25	1"	54.8	31	118	107.5	0.903
32	1.1/4"	63.4	37	117	113	1.084
40	1.1/2"	68	40.5	146	139.5	1.683
50	2"	72.5	45.5	146	144.5	1.857
65	2.1/2"	107.4	55	180	228.5	5.800
80	3"	113	66.2	180	235.5	6.500
100	4"	135	79	225.5	293.5	10.00

Dimensions (Flange End) — (All Dimensions are in mm)

SIZE		A	B	C	D	Port	ØD	b	Øg	f	ØJ	N	PCD	Weight Approx.
MM	INCH													
25	1"	72	70	116.6	147.3	24	107.9	9.6	50.8	2	15.9	4	79.4	2.000
40	1.1/2"	90	92	146.6	189	37	127	12.7	73	2	15.9	4	98.4	4.100
50	2"	104.5	104.5	147.4	204	49	157.4	14.3	92.1	2	19.05	4	120.7	5.900
65	2.1/2"	115	115	180.7	283.5	64	177.8	15.9	104.8	2	19.05	4	139.7	11.400
80	3"	125	125	181.7	293	75	190	17.5	127	2	19.05	4	152.4	13.150
100	4"	145	145	224.2	356.5	98	228.6	22.3	157.2	2	19.05	8	190.5	21.500

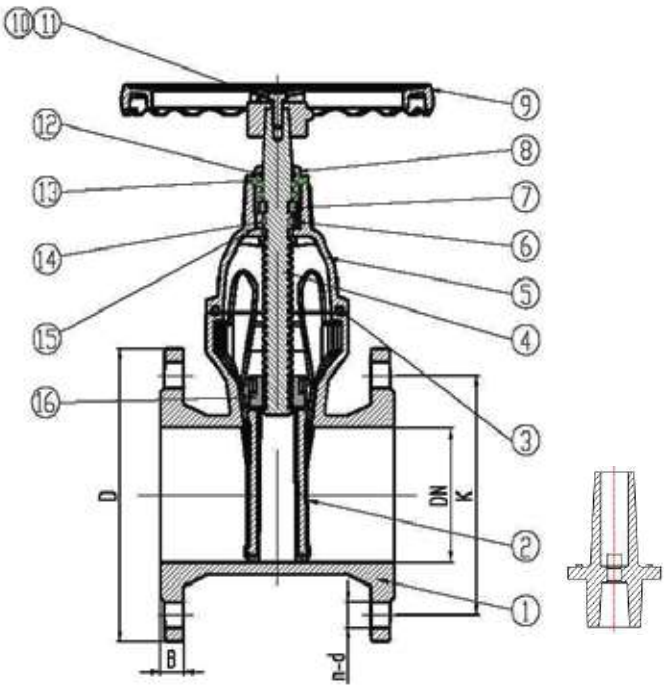
** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

fluir Controls

RESILIENT SEATED GATE VALVE

BS 5163 Non Rising Stem (Brass Nut Type)



NOMENCLATURE :

No	Description	Material
01	Body	GGG50
02	Disc	EPDM+DI
03	Bonnet Gasket	NBR
04	Stem	SS420
05	Bonnet	GGG50
06	Thrust Washer	BRASS
07	Thrust Sleeve	BRASS
08	Gland	GGG50
09	Hand Wheel	GGG50
10	Bolts	SS304
11	Washers	SS304
12	Dust Cover	NBR
13	O - Ring	NBR
14	O - Ring	NBR
15	O - Ring	NBR
16	Stem Nut	BRASS

Dimensions (All Dimensions are in mm)

SIZE		Face to Face	END FLANGE (EN 1092 - 2)				Stem Square
DN	INCH	BS 5163	D	K	n - d	B	
DN40	1.5"	178	150	110	4-Ø19	19	14
DN50	2"	178	165	125	4-Ø19	19	14
DN65	2.5"	190	185	145	4-Ø19	19	17
DN80	3"	203	200	160	8-Ø19	19	17
DN100	4"	229	220	180	8-Ø19	19	19
DN125	5"	254	250	210	8-Ø19	19	19
DN150	6"	267	285	240	8-Ø19	19	19
DN200	8"	292	340	295	8-Ø23/ 12-Ø23	20	24
DN250	10"	330	395 / 405	350 / 355	12-Ø23 / 12-Ø28	22	27
DN300	12"	356	445 / 460	400 /410	12-Ø23 / 12-Ø28	24.5	27
DN350	14"	381	505 / 520	460 /470	16-Ø23 / 12-Ø28	24.5 / 26.5	27
DN400	16"	406	565 / 580	515 525	16-Ø23 / 12-Ø31	24.5 / 28	27
DN450	18"	432	615 / 640	565 /585	20-Ø28 / 12-Ø31	25.5 /30	30
DN500	20"	457	670 / 715	620 / 650	20-Ø28 / 20-Ø34	26.5 /31.5	30
DN600	24"	508	780 / 840	725 / 770	20-Ø31 / 20-Ø37	30 /36	30

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

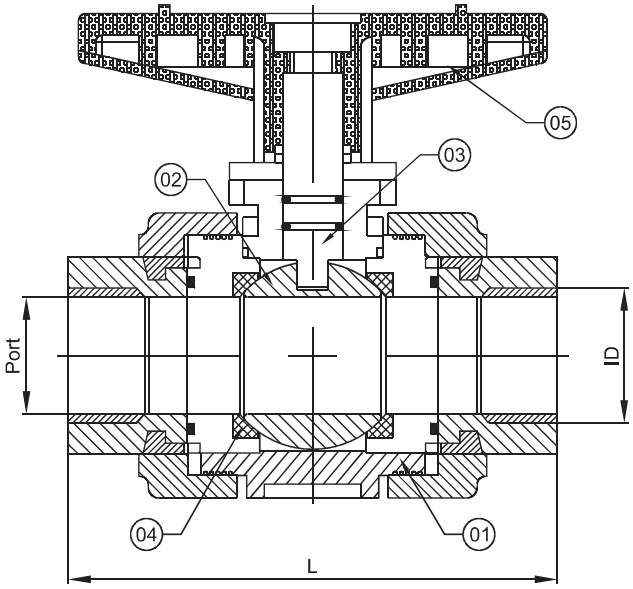
fluir Controls

UPVC | CPVC

2 Way True Union Ball Valve Socket | Flanged

ADVANTAGES :

* Smooth Opening & Closing thanks to a lower torque
* 100% pure virgin material, CaCO3 free (Chalk)
* UV resistant powder added
* 100% pressure testing before leaving the factory
* Can be assembled with Pneumatic | Electric Actuators



Pressure Rating : 150 # W.O.G AT 73 °F
Max. Service Temperature : 140° C

SPECIFICATION :

Size : 1/2" - 2"
Material : UPVC, CPVC, PP
Joint End : Socket (ANSI ,JIS, CNS, DIN) / Threaded : (NPT, BSPT, BSPF) / Flanged : (10K, 150LB)
Working Pressure : 150PSI
Operation Temperature : PVC (0~55° C), CPVC (0~95° C), PP(-20°C~120° C)
Color : UPVC (Dark Grey), CPVC (Grey), PVC (Ivory)

NOMENCLATURE :

No	Description	Material
01	Body	UPVC
02	Ball	UPVC
03	Stem	UPVC
04	Seat	PTFE
05	Lever	ABS

MATERIAL SPECIFICATION :

No	Description	Material
01	Handle	ABS
02	Stem Packing	EPDM | VITON **
03	Stem	UPVC
04	Ball	UPVC | CPVC
05	Seats	TEFLON *
06	Body	UPVC | CPVC
07	Union Nuts	UPVC | CPVC
08	End Adapter	UPVC | CPVC
09	O-Rings	EPDM | VITON **

Dimensions			(All Dimensions are in mm)
SIZE	L ±3 mm	ID ±2 mm	Port ±1 mm
1/2" (15 mm)	112	22	14
3/4" (20 mm)	115.5	27	19.2
1" (25 mm)	130	33.8	24
1.1/4" (32 mm)	146	42.4	31
1.1/2" (40 mm)	161.5	48.4	38.3
2" (50 mm)	177.5	60.5	48
2.1/2" (80 mm)	242	73.5	61.6
3" (80 mm)	293	89	74
4" (100 mm)	328	115	89.5

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

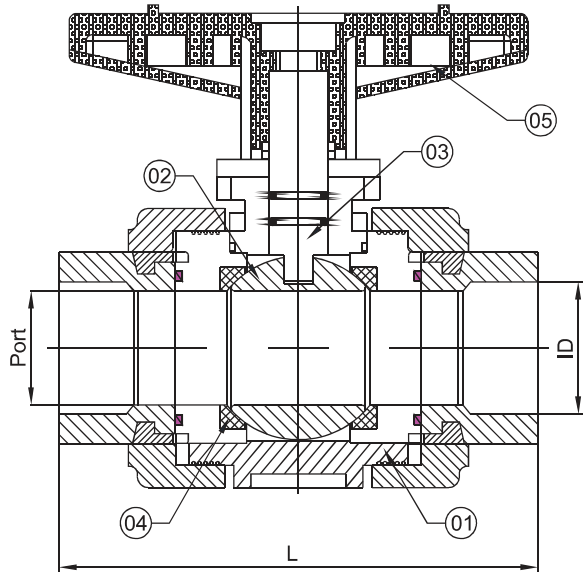
fluir Controls

UPVC | CPVC

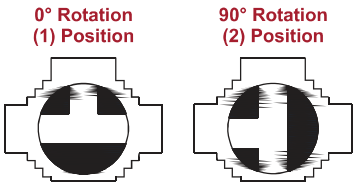
3 Way True Union Ball Valve Socket | Flanged

ADVANTAGES :

* Smooth Opening & Closing thanks to a lower torque
* 100% pure virgin material, CaCO3 free (Chalk)
* UV resistant powder added
* 100% pressure testing before leaving the factory
* Can be assembled with Pneumatic | Electric Actuators



T - Port Flow Pattern



Pressure Rating : 150 # W.O.G AT 73 °F
Max. Service Temperature : 140° C

SPECIFICATION :

Size : 1/2" - 2"
Material : UPVC, CPVC, PP
Joint End : Socket (ANSI ,JIS, CNS, DIN) / Threaded : (NPT, BSPT, BSPF) / Flanged : (10K, 150LB)
Working Pressure : 150PSI
Operation Temperature : PVC (0~55° C), CPVC (0~95° C), PP(-20°C~120° C)
Color : UPVC (Dark Grey), CPVC (Grey), PVC (Ivory)

NOMENCLATURE :

No	Description	Material
01	Body	UPVC
02	Ball	UPVC
03	Stem	UPVC
04	Seat	PTFE
05	Lever	ABS

MATERIAL SPECIFICATION :

No	Description	Material
01	Handle	ABS
02	Stem Packing	EPDM | VITON **
03	Stem	UPVC
04	Ball	UPVC | CPVC
05	Seats	TEFLON *
06	Body	UPVC | CPVC
07	Union Nuts	UPVC | CPVC
08	End Adapter	UPVC | CPVC
09	O-Rings	EPDM | VITON **

Dimensions		(All Dimensions are in mm)	
SIZE	L ±3 mm	ID ±2 mm	Port ±1 mm
1/2" (15 mm)	163	21.54	15
3/4" (20 mm)	172	26.87	20
1" (25 mm)	200	33.65	25
1.1/4" (32 mm)	208	42.42	32
1.1/2" (40 mm)	226	48.56	40
2" (50 mm)	246	60.63	50

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

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UPVC | CPVC

Butterfly Valve

BENEFITS :

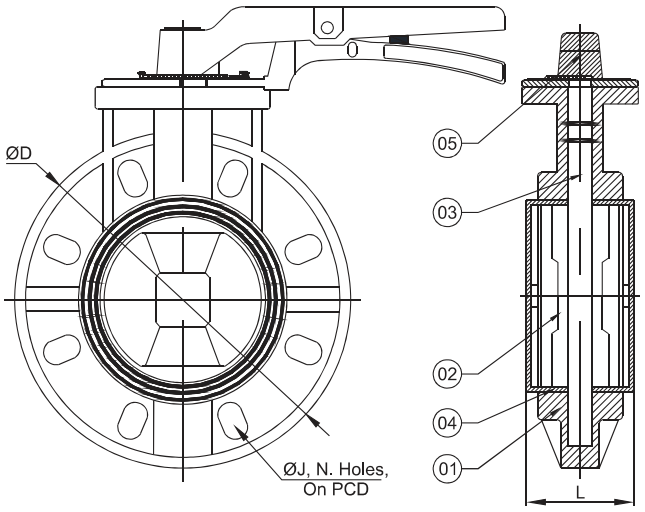
* High Flow Capacity
* Low Pressure Drop
* Economical Alternative to Metal Butterfly Valve

OPTIONS :

* Gear Operators
* Elecric or Pneumatic Actuators

APPLICATIONS :

* Water & Wastewater Treatment
* Chemical Processing
* Food & Beverage
* Swimming Pools & Water Parks
* Aquaculture
* Aquarium & Zoo Service
* Pharmaceutical
* Pulp & Paper
* Landfill Service
* Marine & Corrosive Environments
* Metal Finishing & Plating



Pressure Rating : 150 # W.O.G AT 73 °F
Test Pressure : 225 W.O.G

SPECIFICATION :

Joint End : Flanged End (10K, 150LB, PN10)
Working Pressure : 150 PSI
Feature : Wafer Body Design | PVC with PVC Disc | 304 Grad Stainless Steel | EPDM | Viton Liner | ISO 5211 Mounting Pad | Standard Lockout Hand Lever

NOMENCLATURE :

No	Description	Material
01	Body	UPVC
02	Disc	UPVC
03	Shaft	AISI 410
04	Seat	NBR
05	Lever	ABS

MATERIAL SPECIFICATION :

No	Description	Material
01	Body	UPCV
02	Disc	POLYPROPYLENE
03	Seat	EPDM
04	Stem	410 SS
05	O - Rings	EPDM
06	Inserted Nut	ABS
07	Large Handle	ABS
08	Small Handle	ABS
09	Spring Lock	STAINLESS STEEL
10	Handle Insert	304 SS
11	Handle Lever	304 SS
12	Spring	304 SS
13	Spring Pin	304 SS
14	Washer	304 SS
15	Locking Plate	UPVC
16	Gear Seat	304 SS
17	Bolt	UPVC
18	Nut	410 SS
19	Insert Nut	304 SS
20	Rivet	STAINLESS STEEL
21	Operation	LEVER & WORM GEAR

Dimensions (All Dimensions are in mm)

SIZE	Port ±1 mm	L ±2 mm	ØD ±3 mm	ØJ ±1 mm	N	PCD ±1.5 mm
2" (50 mm)	49	46	159	19	4	121
2.1/2" (65 mm)	64	42	178.7	19	4	139.5
3" (80 mm)	80	47	194.5	19	8	155
4" (100 mm)	100	54	228	19	8	180.7
5" (125 mm)	125	63	254	23	8	209
6" (150 mm)	148	69	279.5	24	8	236.5
8" (200 mm)	199	86	343	25	8	293.5

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

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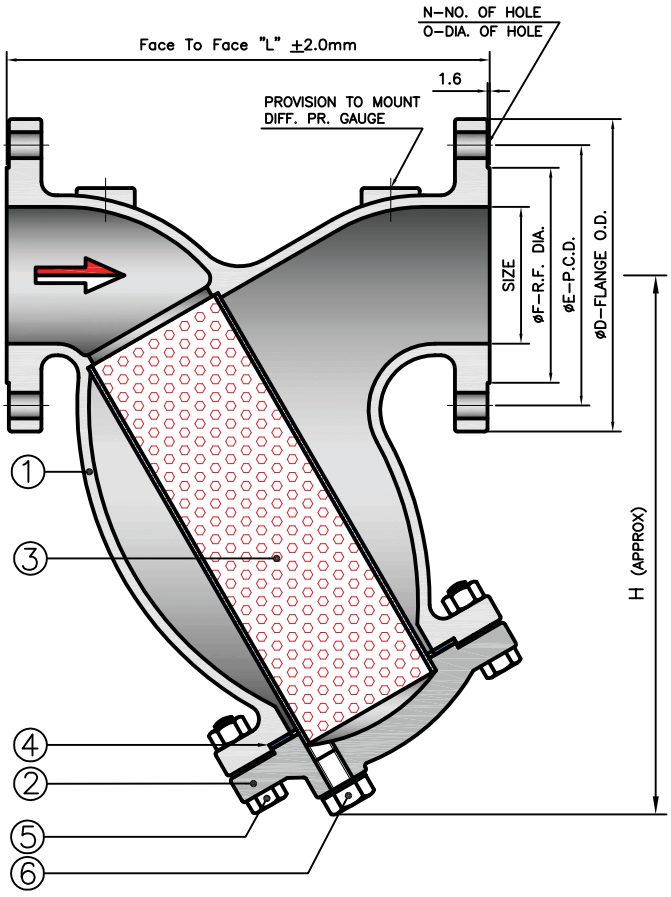
"Y" TYPE STRAINER

Flanged End, 150#



Pressure Rating : 150 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, 150#
Face To Face : DIN EN 558-1
Free Flow Area Through Screen : 2.5 to 3.0 Times Pipe Flow Area

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB | CAST IRON |
02	Cover	ASTM A 351 GR. CF 8 | CF8M | CF3M
03	Mesh	S.S. 304 | 316 | 304L | 316L | BRASS
04	Gasket	CAF | GRAPHITE ASBESTOS | SP. WOUND
05	Cover Bolt & Nut	C.S. | B7 | 2H | S.S. 304 | 316 | 304L | 316L
06	Draing Plug	C.S. | S.S. 304 | 316 | 304L | 316

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic					
Pr. Rating	150 #					
MOC		C.I			C.S | S.S.	
Body	215	14.7	15	425	29.3	30

DESIGN STANDARD : ASME B 16.34

Dimensions [150 Class]							(All Dimensions are in mm)
SIZE	L	FLANGE DETAILS					H
		ØD	ØE	ØF	N	ØO	
25	160	108	79.3	50.8	4	15.8	130
40	200	127	98.4	73.0	4	15.8	190
50	230	152.4	120.6	92.1	4	19	205
65	290	177.8	139.7	104.7	4	19	275
80	310	190.5	152.4	127.0	4	19	300
100	350	228.6	190.5	157.2	8	19	400
125	400	254	215.9	185.7	8	22	440
150	480	279	241.3	215.9	8	22	505
200	600	343	298.4	269.9	8	22	630
250	730	406	362.0	323.8	12	25.4	--
300	850	483	431.8	381	12	25.4	--

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

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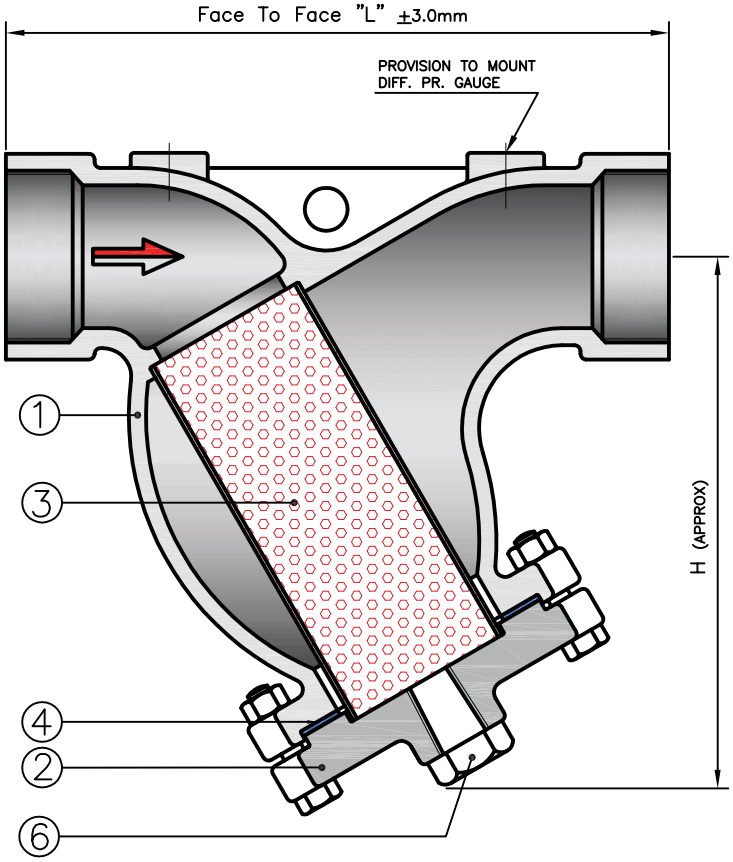
"Y" TYPE STRAINER

Threaded | Welded End



Pressure Rating : 150 #
End Connection : Threaded | Socket Weld End
Socket Weld : As per ANSI B 16.11
Screwed End : As per ASME B 1.20.1
Face To Face : DIN EN 558-1
Free Flow Area Through Screen : 2.5 to 3.0 Times Pipe Flow Area

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB | CAST IRON |
02	Cover	ASTM A 351 GR. CF 8 | CF8M | CF3M
03	Mesh	S.S. 304 | 316 | 304L | 316L | BRASS
04	Gasket	CAF | GRAPHITE ASBESTOS | SP. WOUND
05	Cover Bolt & Nut	C.S. | B7 | 2H | S.S. 304 | 316 | 304L | 316L
06	Draing Plug	C.S. | S.S. 304 | 316 | 304L | 316

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm$_2$						
Test	Hydrostatic					
Pr. Rating	150 #					
MOC	C.I			C.S | S.S.		
Body	215	14.7	15	425	29.3	30

DESIGN STANDARD : ASME B 16.34

Dimensions [150 Class]		(All Dimensions are in mm)
SIZE	L	H
15	160	130
20	160	130
25	160	130
40	200	190
50	230	205
65	290	275
80	310	300

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

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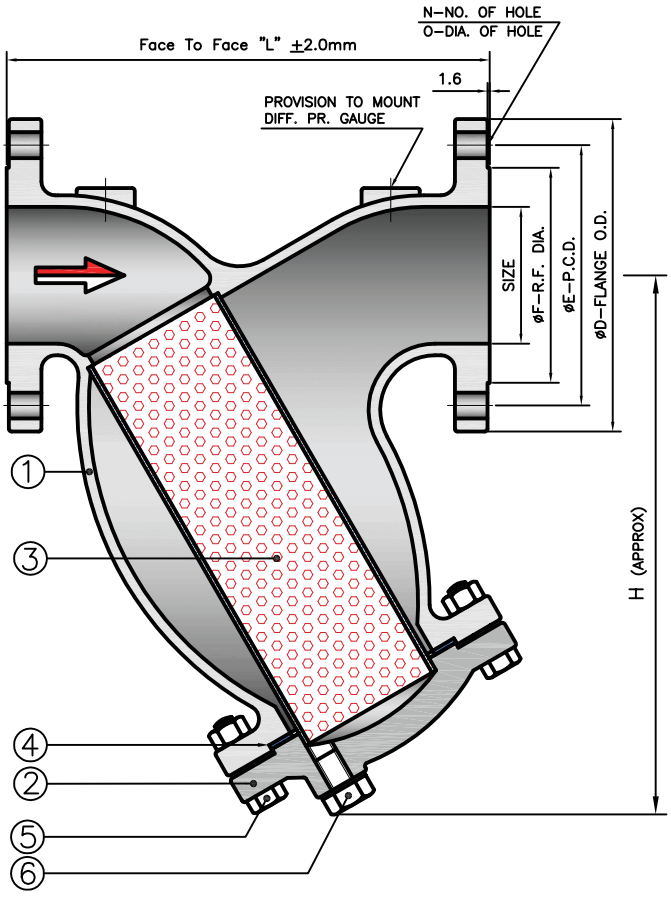
"Y" TYPE STRAINER

Flanged End, 300#



Pressure Rating : 300 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, 300 #
Face To Face : Mfg. Standard
Free Flow Area Through Screen : 2.5 to 3.0 Times Pipe Flow Area

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB |
02	Cover	ASTM A 351 GR. CF 8 | CF8M | CF3M
03	Mesh	S.S. 304 | 316 | 304L | 316L | BRASS
04	Gasket	CAF | GRAPHITE ASBESTOS | SP. WOUND
05	Cover Bolt & Nut	C.S. | B7 | 2H | S.S. 304 | 316 | 304L | 316L
06	Draing Plug	C.S. | S.S. 304 | 316 | 304L | 316

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm_2			
Test	Hydrostatic		
Pr. Rating	300 #		
MOC	C.S | S.S.		
Body	1123	77	79

DESIGN STANDARD : ASME B 16.34

Dimensions [300 Class]							(All Dimensions are in mm)
SIZE	L	FLANGE DETAILS					H
		ØD	ØE	ØF	N	ØO	
25	173	124	88.9	50.8	4	19	145
40	213	155.4	114.3	73.0	4	22	205
50	243	165.1	127	92.1	8	19	220
65	306	190.5	149.3	104.7	8	22	285
80	329	209.5	168.1	127.0	8	22	315
100	366	254	200.1	157.2	8	22	415
125	423	279.4	234.9	185.7	12	22	460
150	502	317.5	269.7	215.9	12	22	525
200	626	381	330.2	269.9	12	25.4	650
250	765	444.5	387.3	323.8	16	28.6	--
300	888	520.7	450.8	381	16	31.7	--

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

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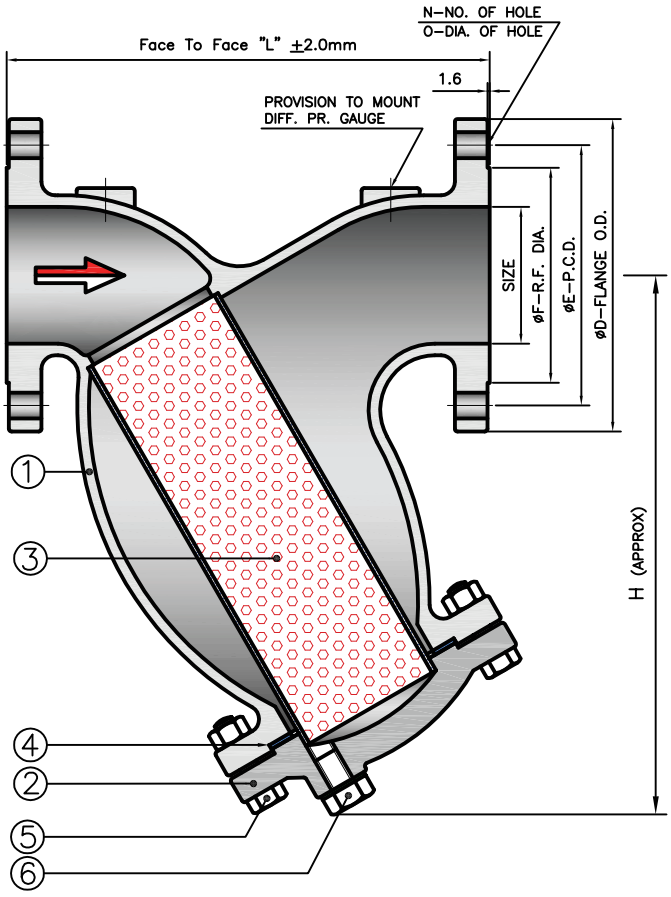
"Y" TYPE STRAINER

Flanged End, 600#



Pressure Rating : 600 #
End Connection : Flanged End
Flange Drilling : As per ANSI B 16.5, 600 #
Face To Face : Mfg. Standard
Free Flow Area Through Screen : 2.5 to 3.0 Times Pipe Flow Area

NOMENCLATURE :

No	Description	Material
01	Body	A 216 GR WCB |
02	Cover	ASTM A 351 GR. CF 8 | CF8M | CF3M
03	Mesh	S.S. 304 | 316 | 304L | 316L | BRASS
04	Gasket	CAF | GRAPHITE ASBESTOS | SP. WOUND
05	Cover Bolt & Nut	C.S. | B7 | 2H | S.S. 304 | 316 | 304L | 316L
06	Draing Plug	C.S. | S.S. 304 | 316 | 304L | 316

TESTING STANDARD : API 598

Test Pressure in PSIG | BAR | Kg/cm$_2$			
Test	Hydrostatic		
Pr. Rating	600 #		
MOC	C.S | S.S.		
Body	2225	153	156

DESIGN STANDARD : ASME B 16.34

Dimensions [300 Class]							(All Dimensions are in mm)
SIZE	L	FLANGE DETAILS					H
		ØD	ØE	ØF	N	ØO	
25	173	125	88.9	50.8	4	19	165
40	213	155	114.3	73.0	4	22.2	225
50	243	165	127	92.1	8	19	245
65	306	190	149.2	104.7	8	22.2	310
80	329	210	168.3	127.0	8	22.2	340
100	366	275	215.9	157.2	8	25.4	442
125	423	330	266.7	185.7	8	28.6	491
150	502	355	292.1	215.9	12	28.6	560
200	626	420	349.2	269.9	12	31.75	690
250	765	510	431.8	323.8	16	34.9	--
300	888	560	489	381	20	34.9	--

** Others Class Dimensions On Request

Note : Dimensions are Subject to Change without any prior information for R&D Purpose

Fluir Controls Pvt Ltd

(Manufacture of Industrial Valves)

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