



ABOUT US

Veetech Valves Private Limited established in the year 1996 to meet the demand of high quality valves for petroleum and refining plants, off shore oil and gas fields, power industry, fertilizer, chemical, paper and pulp industries. Our manufacturing unit is situated in Hubli, Karnataka, INDIA. We are ISO 9001-2015, ISO 14001-2015, ISO 45001-2018, IBR and EIL certified company. We have unique distinction of integrated valves manufacturing unit with our own forging unit having well-known IBR certified by Cental Boiler Board.

Veetech Valves are designed, manufactured and tested to meet the International Standards. Our commitment to our valued customers is to produce high quality value added products, completely traceable, at competitive prices and deliveries to match "just in time" requirements of today's business world.

Veetech is one stop solution for valves, with its in-house design and development, state of art machining facilities, modern manufacturing technology and sophisticated testing facilities. Over 3 Decades of experience backed by acquainted team and qualified employees gives us the extra edge over other manufactures.

We are a privately owned company whose accomplishments have been achieved by the dedication and commitment of our employees to provide a standard of excellence in all our products to our present and future customers.

We appreciate your business and wish to be your primary valve supplier.

QUALITY POLICY

We are committed to achieve total customer satisfaction and continual improvement in quality management system. As a team we are dedicated to provide highest quality valves to the customers, conforming to applicable standards while constantly updating our process and technology. We comply to environment, health and safety standards.

Girish V Mane
Director

OUR MISSION

To be, today and in the future, the recognized leader in our industry, marketing valves and other related products to satisfy our customers expectations

To be cost effective through Total Quality Performance of these operations, and thus provide the resources to support our commitment to improve our products, processes and customer service.

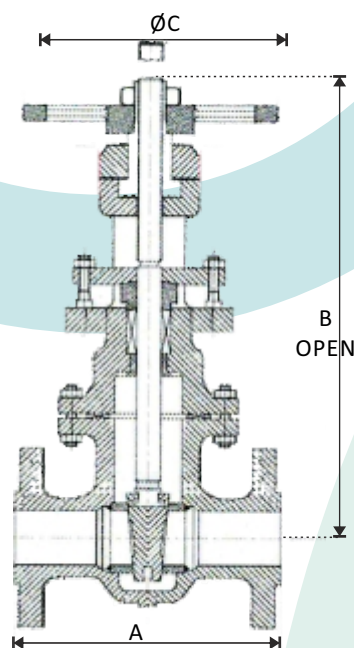
To be a law abiding corporate, respecting the rights of individuals, contributing to the needs of the community and conserving the state of the environment.

CERTIFICATIONS



DEPARTMENT OF FACTORIES,
BIOLERS, INDUSTRIAL
SAFETY & HEALTH





GATE VALVE

CLASS - 150, 300 & 600

DESIGN STANDARD
API 600 & API 60

TESTING STANDARD
API 598 & EN 12266-Part 1

TESTING PRESSURE IN BAR	#150	#300	#600
HYDRO SHELL	30	77	155
HYDRO SEAT / BACK SEAT	22	57	113
AIR SEAT	6.9		

CLASS - 150

MM	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	178	190	203	229	254	267	292	330	356	381	406	432	457	508
B	355	400	440	530	640	730	980	1155	1390	1575	1710	1910	2205	2590
ØC	200	200	200	250	250	300	350	450	600	600	750	750	*	*
WT.	16.5	22	29	40	56	70	125	190	285	350	430	620	740	1290

CLASS - 300

MM	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	216	241	282	305	381	403	419	457	502	762	838	914	991	1143
B	345	425	460	550	685	790	990	1230	1475	1610	1910	2055	2220	2550
ØC	200	250	250	300	450	450	450	600	600	750	*	*	*	*
WT.	19	29	44	76	99	135	218	345	485	680	1020	1280	1920	2590

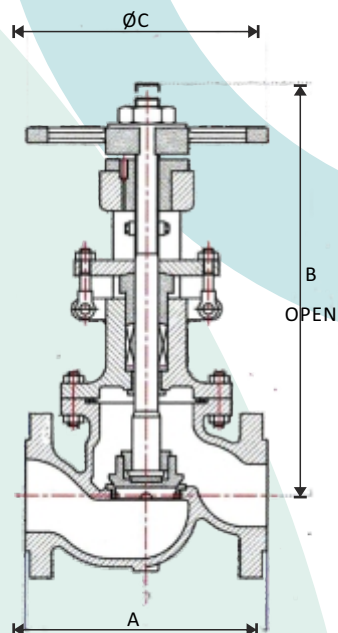
CLASS - 600

MM	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	292	330	356	432	508	559	660	787	838	889	991	1090	1194	1397
B	405	420	460	595	690	825	1080	1250	1530	1705	2055	2180	2415	2740
ØC	250	250	300	450	450	600	600	750	*	*	*	*	*	*
WT.	34	41	58	102	145	216	358	580	770	1271	1850	2060	2538	4088

COMPONENTS	MATERIALS
BODY & BONNET	ASTM A216 Gr. WCB, A351 Gr. CF8 / CF8M / CF3 / CF3M **
WEDGE & SEAT RING	ASTM A217 Gr. CA15 / WCB + 13% Cr. / WC6, +Stellited, A351 Gr. CF8 / CF8M / CF3 / CF3M **
STEM	ASTM A182 Gr. F6A, F304, F316, ASTM A276 TYPE 410 / 304 / 316
GLAND & BONNET BUSH	ASTM A276 TYPE 410 / 304 / 316
YOKE SLEEVE	ASTM A582 TYPE 416 / NI-RESIST ASTM A439 Gr. D2
GLAND PACKING	PREMOULDED GRAFOIL RINGS / BRAIDED GRAPHITE RINGS / PTFE
GASKET	SPIRAL WOUND 316 WITH GRAPHITE / PTFE FILLED
STUD/NUT	ASTM A193 Gr. B7 / B16 / B8 / B8M / A194 Gr. 2H / 7 / 8 / 8M
HAND WHEEL	CARBON STEEL / MALLEABLE IRON
SURFACE PROTECTION	CARBON STEEL : HEAT RESISTANT ALUMINIUM PAINT STAINLESS STEEL : GRIT BLASTED, ACID PICKLING AND PASSIVATION

* Gear Actuators, ** Other materials can be given on request.

- All dimensions are in mm.
- Optional Features : Jacketed, Bypass arrangement, Locking arrangement, Stem extensions, IBR, Cryogenic & Others as per customer requirements.
- Due to continuous improvements we reserve the right to change specifications and dimensions without notice.
- Weights mentioned are in kg and approximate.



GLOBE VALVE

CLASS - 150, 300 & 600

DESIGN STANDARD
BS 1873

TESTING STANDARD
API 598 & EN 12266-Part 1

TESTING PRESSURE IN BAR	#150	#300	#600
HYDRO SHELL	30	77	155
HYDRO SEAT / BACK SEAT	22	57	113
AIR SEAT	6.9		

CLASS - 150

mm	50	65	80	100	125	150	200	250	300	350	400
A	203	216	241	292	356	406	495	622	698	787	914
B	295	290	345	349	410	450	550	670	860	1050	1180
ØC	200	200	250	300	300	450	600	*	*	*	*
WT.	14.8	31	37	53	78	93	152	245	376	510	680

CLASS - 300

mm	50	65	80	100	125	150	200	250	300	-	-
A	267	292	318	356	400	444	559	622	711	-	-
B	295	342	360	413	471	590	650	840	960	-	-
ØC	200	250	300	450	450	600	*	*	*	-	-
WT.	17.3	40	52	74	111	152	240	468	670	-	-

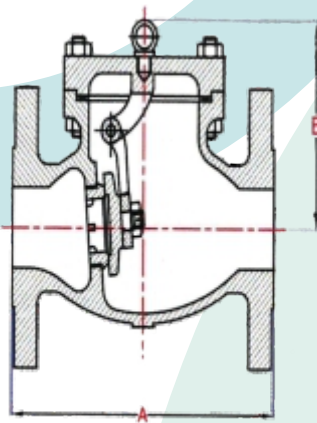
CLASS - 600

mm	50	65	80	100	125	150	200	250	300	-	-
A	292	330	356	432	508	559	660	787	838	-	-
B	360	347	418	480	880	790	950	1020	1270	-	-
ØC	250	300	450	600	*	*	*	*	*	-	-
WT.	38	56	71	122	220	362	495	805	942	-	-

COMPONENTS	MATERIALS
BODY & BONNET	ASTM A216 Gr. WCB, A351 Gr. CF8 / CF8M / CF3 / CF3M **
DISC & SEAT RING	ASTM A217 Gr. CA15 / WCB + 13% Cr. / WC6, +Stellited, A351 Gr. CF8 / CF8M / CF3 / CF3M **
STEM	ASTM A182 Gr. F6A, F304, F316, ASTM A276 TYPE 410 / 304 / 316
GLAND & BONNET BUSH	ASTM A276 TYPE 410 / 304 / 316
YOKE SLEEVE	ASTM A582 TYPE 416 / NI-RESIST ASTM A439 Gr. D2
GLAND PACKING	PREMOULDED GRAFOIL RINGS / BRAIDED GRAPHITE RINGS / PTFE
GASKET	SPIRAL WOUND 316 WITH GRAPHITE / PTFE FILLED
STUD/NUT	ASTM A193 Gr. B7 / B16 / B8 / B8M / A194 Gr. 2H / 7 / 8 / 8M
HAND WHEEL	CARBON STEEL / MALLEABLE IRON
SURFACE PROTECTION	CARBON STEEL : HEAT RESISTANT ALUMINIUM PAINT STAINLESS STEEL : GRIT BLASTED, ACID PICKLING AND PASSIVATION

* Gear Actuators, ** Other materials can be given on request.

1. All dimensions are in mm.
2. Optional Features : Jacketed, Bypass arrangement, Locking arrangement, Stem extensions, IBR, Cryogenic & Others as per customer requirements.
3. Due to continuous improvements we reserve the right to change specifications and dimensions without notice.
4. Weights mentioned are in kg and approximate.



SWING CHECK VALVE

CLASS - 150, 300 & 600

● DESIGN STANDARD
BS 1868 & API 6D

● TESTING STANDARD
API 598 & EN 12266-Part 1

TESTING PRESSURE IN BAR	#150	#300	#600
HYDRO SHELL	30	77	155
HYDRO SEAT	22	57	113

Class -150

mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	203	216	241	292	356	406	495	622	698	787	864	978	978	1295
B	115	120	135	150	170	195	220	260	310	365	505	565	610	740
WT.	12	19	26	46	57	74	110	205	227	340	462	560	980	1410

Class -300

mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346
B	120	132	150	170	210	210	255	305	350	390	530	590	655	790
WT.	18.5	30	45	59	89	116	173	295	392	520	685	1125	1330	1860

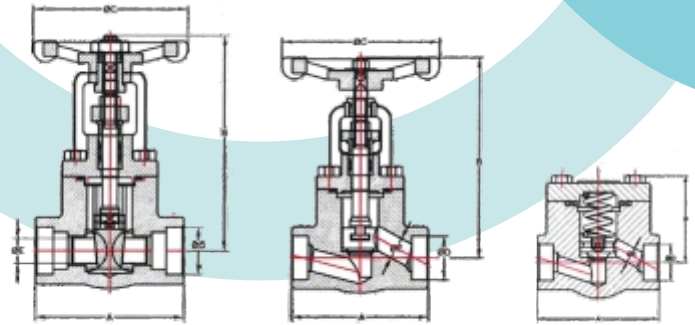
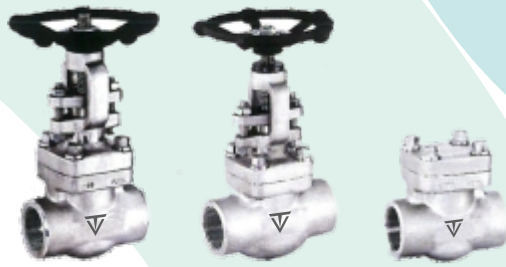
Class -600

mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	292	330	356	432	508	559	660	787	838	889	-	-	-	-
B	138	145	165	190	220	255	300	340	395	450	-	-	-	-
WT.	25.5	38	49	88	135	180	305	476	590	760	-	-	-	-

COMPONENTS	MATERIALS
BODY / COVER / HINGE / BRACKET	ASTM A216 Gr. WCB, A351 Gr. CF8 / CF8M / CF3 / CF3M **
DISC & SEAT RING	ASTM A217 Gr. CA15 / WCB + 13% Cr. / WC6, +Stellited, A351 Gr. CF8 / CF8M / CF3 / CF3M **
GASKET	SPIRAL WOUND 316 WITH GRAPHITE / PTFE FILLED
STUD/NUT	ASTM A193 Gr. B7 / B16 / B8 / B8M / A194 Gr. 2H / 7 / 8 / 8M
SURFACE PROTECTION	CARBON STEEL : HEAT RESISTANT ALUMINIUM PAINT STAINLESS STEEL : GRIT BLASTED, ACID PICKLING AND PASSIVATION

** Other materials can be given on request.

1. All dimensions are in mm.
2. Optional Features : Jacketed, Bypass arrangement, Locking arrangement, Stem extensions, IBR, Cryogenic & Others as per customer requirements.
3. Due to continuous improvements we reserve the right to change specifications and dimensions without notice.
4. Weights mentioned are in kg and approximate.


DESIGN STANDARD

API 602 & ISO 15761 / ASME B16.34*

TESTING STANDARD

API 598 & EN 12266 - PART 1

FORGED GATE, GLOBE & CHECK VALVE **CLASS - 800, 1500 & 2500***

TESTING PRESSURE IN BAR	#800	#1500	#2500*
HYDRO SHELL	207	389	647
HYDRO SEAT	152	285	475
AIR SEAT	6.9**		

** For check valves air seat is not applicable.

Size	FORGED GATE VALVE CLASS -800						FORGED GATE VALVE CLASS -1500						FORGED GATE VALVE CLASS -2500*					
	A	B	ØC	ØD	ØE	WT.	A	B	ØC	ØD	ØE	WT.	A	B	ØC	ØD	ØE	WT.
mm																		
15	73	116	110	21.8	9.5	2.2	88	157	110	21.8	9	2.3	106	200	200	21.8	11	4
20	82	132	110	27.2	12.7	2.5	92	168	110	27.2	12	3.3	128	205	200	27.2	14	9.8
25	106	154	110	33.9	18	3.3	106	196	200	33.9	15	4	140	243	200	33.9	19	13.6
40	140	200	170	48.8	30	7.6	128	215	200	48.8	27	12	-	-	-	-	-	-
50	148	234	170	61.2	36	9.5	140	253	200	61.2	34	13.6	-	-	-	-	-	-

Size	FORGED GLOBE VALVE CLASS -800						FORGED GLOBE VALVE CLASS -1500						FORGED GLOBE VALVE CLASS -2500*					
	A	B	ØC	ØD	ØE	WT.	A	B	ØC	ØD	ØE	WT.	A	B	ØC	ØD	ØE	WT.
mm																		
15	73	125	110	21.8	9.5	2.3	88	164	110	21.8	8	2.5	106	204	250	21.8	11	4.2
20	82	142	110	27.2	12.5	2.7	92	173	110	27.2	9	3.5	128	223	300	27.2	14	10.3
25	106	163	110	33.9	17	3.5	106	204	200	33.9	14	4.2	140	256	350	33.9	19	14.3
40	140	210	170	48.8	28	8	128	222	300	48.8	25	13.5	-	-	-	-	-	-
50	148	252	170	61.2	36	10	140	256	300	61.2	27	14.5	-	-	-	-	-	-

Size	FORGED CHECK VALVE CLASS -800					FORGED CHECK VALVE CLASS -1500					FORGED LIFT CHECK VALVE CLASS -2500*				
	A	B	ØD	ØE	WT.	A	B	ØD	ØE	WT.	A	B	ØD	ØE	WT.
mm															
15	73	54	21.8	9.5	1.5	88	54	21.8	8	1.6	106	62	21.8	11	2.9
20	82	65	27.2	12.5	2	92	68	27.2	9	2.4	128	85	27.2	14	6.8
25	106	73	33.9	17	2.5	106	72	33.9	14	2.9	140	94	33.9	19	9
40	140	102	48.8	28	6.1	128	102	48.8	25	9	-	-	-	-	-
50	148	125	61.2	36	8.5	140	112	61.2	27	9.6	-	-	-	-	-

COMPONENTS

 BODY, BONNET, GLAND FLANGE & COVER
 WEDGE & PLUG

STEM

DISC, SEATING & GLAND

YOKE SLEEVE

PACKING

GASKET

SPRING

HAND WHEEL

STUB/NUT

SURFACE PROTECTION

MATERIALS

ASTM A105 / ASTM A182 Gr. F22, F5, F9, F304 & F316 **

ASTM A217 Gr. CA15 / ASTM A 351 Gr. CF 8 / CF8M

ASTM A 182 Gr. F6A, F304, F316, ASTM A276 TYPE 410 / 304 / 316

ASTM A276 TYPE 410 / 304 / 316

ASTM A582 TYPE 416 / NI-RESIST ASTM A439 Gr. D2

PREMOULDED GRAFOIL RINGS / BRAIDED + MOULDED GRAFOIL RINGS

SPIRAL WOUND 316 WITH GRAPHITE / PTFE FILLED

ASTM A312 TYPE 316

MALLEABLE IRON / SG IRON

ASTM A193 Gr. B7 / B16 / B8 / B8M / A194 Gr. 2H / 7 / 8 / 8M

CARBON STEEL : HEAT RESISTANT ALUMINIUM PAINT

STAINLESS STEEL : GRIT BLASTED, ACID PICKLING AND PASSIVATION

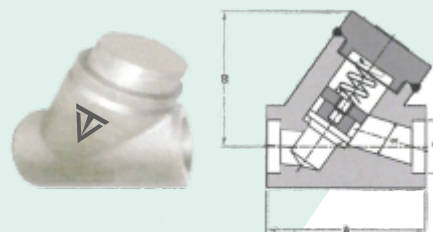
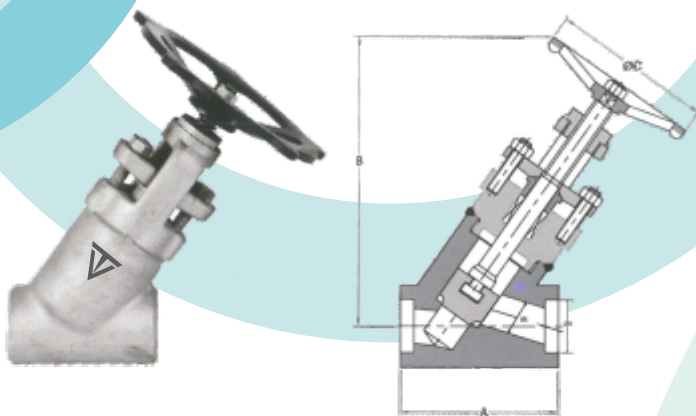
** Other materials can be given on request.

1. All dimensions are in mm.

2. Optional Features : Locking arrangement, Stem extensions, IBR, Cryogenic & Others as per customer requirements.

3. Due to continuous improvements we reserve the right to change specifications and dimensions without notice.

4. Weights mentioned are in kg and approximate.



FORGED Y GLOBE & CHECK VALVE CLASS - 2500

DESIGN STANDARD
ASME B16.34

TESTING STANDARD
API 598 & EN 12266-1

END CONNECTIONS
Screwed ends - NPT(F) to BS-B1.20.1,
BSP(F) & BSPT(F) to BS 21 / IS 554
Socket weld ends to ASME B 16.11
Butt weld ends to ASME B 16.25

TESTING PRESSURE IN BAR	#2500
HYDRO SHELL	647
HYDRO SEAT	475
AIR SEAT	6.9**

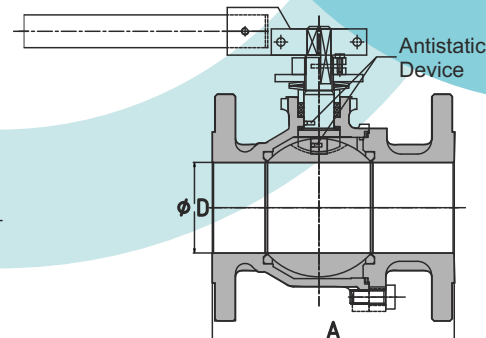
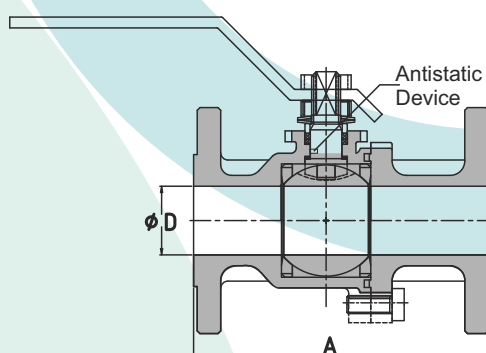
** For check valves air seat is not applicable.

Size	FORGED Y GLOBE VALVE CLASS-2500					
mm	A	B	ØC	ØD	ØE	WT.
15	86	175	110	10	21.8	3.5
20	98	190	200	14	27.2	6
25	105	210	200	19	33.9	7
40	145	231	300	31	48.8	14.5
50	145	298	350	34	61.2	21

Size	FORGED Y LIFT CHECK VALVE CLASS-2500				
mm	A	B	ØD	ØE	WT.
15	86	65	10	21.8	2.2
20	98	77	14	27.2	3.5
25	105	85	19	33.9	4.2
40	145	114	31	48.8	11.5
50	145	120	34	61.2	17

COMPONENTS	MATERIALS
BODY, BONNET, GLAND FLANGE & COVER	ASTM A 105 / ASTM A 182 Gr. F11, F22, F5, F9, F 304 & F 316
DISC & PLUG	ASTM A 217 Gr. CA15 / ASTM A 351 Gr. CF8 / CF8M
STEM	ASTM A 182 Gr. F6A, F304, F316, ASTM A276 TYPE 410 / 304 / 316
DISC, SEATING & GLAND	ASTM A 276 TYPE 410 / 304 / 316
YOKE SLEEVE	ASTM A582 TYPE 416 / NI-RESIST ASTM A439 Gr. D2
PACKING	PREMOULDED GRAFOIL RINGS / BRAIDED + MOULDED GRAFOIL RINGS
SPRING	ASTM A 312 TYPE 316
HAND WHEEL	MALLEABLE IRON
SURFACE PROTECTION	CARBON STEEL : HEAT RESISTANT ALUMINIUM PAINT STAINLESS STEEL : GRIT BLASTED, ACID PICKLING AND PASSIVATION

1. All dimensions are in mm.
2. Weights mentioned are in kg and approximate.
3. CS/Alloy Steel Wedges and Seatrings will be overlayed with 13% Chrome or Stellite 6 as per customer requirements.
4. Options Features : Locking Arrangement, IBR & Other as per customer specifications.
5. Due to continuous developments we reserve the right to change specifications without notice.



FLOATING BALL VALVE

Two Piece - Reduced & Full Bore

CLASS - 150, 300 & 600

DESIGN STANDARD
BS EN ISO 17292 & API 6D

TESTING STANDARD
API 598 & EN 12266-Part 1
Fire Safe Testing - API 607

TESTING PRESSURE IN BAR	#150	#300	#600
HYDRO SHELL	30	77	155
HYDRO SEAT	22	57	*
AIR SEAT	6.9		

* For PTFE - 69 Bar, RPTFE - 76 Bar & Nylon/PEEK/Metal Seat - 113 Bar

TECHNICAL SPECIFICATIONS	
SEAT LEAKAGE	NO LEAKAGE (SOFT SEAT)
	CLASS IV - METAL SEAT
OPERATIONS	LEVER / GEAR / PNEUMATIC / ELECTRICAL ACTUATOR
END CONNECTION	FLANGE / BUTT WELD ENDS / RING JOINT

Size mm	ØD		Class -150			Class -300			Class -600		
			A	WT		A	WT		A	WT	
	RB	FB		RB	FB		RB	FB		RB	FB
15	-	13	108	-	1.5	140	-	2.7	165	-	4
20	13	20	117	1.8	2	152	2.8	3.7	190	5	6
25	20	25	127	2.5	2.6	165	4	4.7	216	7.2	7
32	25	32	140	3.5	4.5	178	5.5	6.5	229	8.5	9
40	32	38	165	4.5	6	190	8	9.5	241	10.3	13
50	38	49	178	7	8.5	216	10	11	292	14.5	20.5
65	49	62	190	10.5	14	241	13	21	330	24	29
80	62	76	203	16	19.7	283	25	31	356	32	37
100	76	100	229	23.5	31.5	305	39	49	432	63	88
150	100	150	267	41	60	403	68	139	559	83	-
200	150	198	292	75	100	419	152	226	-	-	-
250	198	252	330	124	155	457	194	275	-	-	-
300	252	303	356	145	288	502	-	-	-	-	-

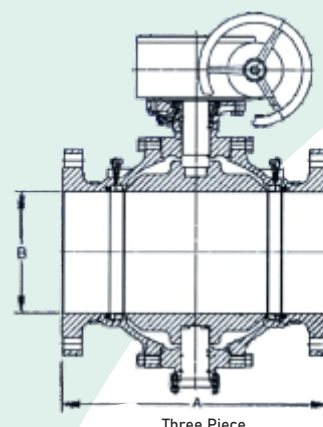
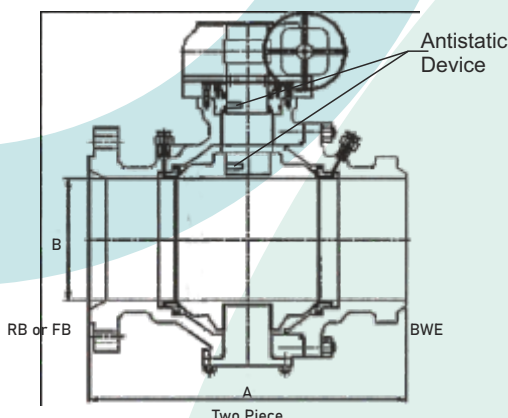
RB = Reduced Bore

FB = Full Bore

COMPONENTS	MATERIALS
BODY / END PIECE	ASTM A216 Gr. WCB, A351 Gr. CF8 / CF8M / CF3 / CF3M **
BALL	ASTM A217 Gr. CA 15, A351 Gr. CF8 / CF8M / CF3 / CF3M **
STEM	ASTM A 182 Gr. F6A, F304, F316, ASTM A276 TYPE 304 / 316 **
SEAT	PTFE / RPTFE / DEVLON / NYLON / PEEK / METAL
METAL SEAT	Stainless Steel ASTM A276 Type 410 Hardened / ASTM A276, Type 316 Stellite
STEM SEAL	Grafoil / PTFE
STEM WASHER	GLASS FILLED TEFLON
BODY SEAL	Grafoil / PTFE
GLAND NUT	Stainless Steel
BODY STUD/NUT	ASTM A193 Gr. B7 / B16 / B8 / B8M / A194 Gr. 2H / 7 / 8 / 8M
SURFACE PROTECTION	CARBON STEEL : HEAT RESISTANT ALUMINIUM PAINT STAINLESS STEEL : GRIT BLASTED, ACID PICKLING AND PASSIVATION

** Other materials can be given on request.

1. All dimensions are in mm.
2. Valves upto 100 FB / 150RB with lever, from 150 FB / 200 RB provided with gear actuators.
3. All size of Ball valves can also be provided with actuators (Electrical / Pneumatic / Flanged end with Ring Type joint / Butt Weld End)
4. Due to continuous developments we reserve the right to change specifications without notice.
5. Weights mentioned are in kg and approximate.



TRUNNION MOUNTED BALL VALVE

CLASS - 150, 300 & 600

DESIGN STANDARD

API 6D, API 608, ASME B 16.34, EN ISO 17292

TESTING STANDARD

API 6D, API 598, EN 12266-1 / ISO 5208

Fire Safe Testing - API 607 & 6FA

TESTING PRESSURE IN BAR	#150	#300	#600
HYDRO SHELL	30	77	153
HYDRO SEAT	20	57	*
AIR SEAT	6.9		

* For PTFE - 69 Bar, RPTFE - 76 Bar & Nylon/PEEK/Metal Seat - 113 Bar

TECHNICAL SPECIFICATIONS	
SEAT LEAKAGE	NO LEAKAGE - SOFT SEAT
	CLASS IV - METAL SEAT
OPERATIONS	LEVER / GEAR / PNEUMATIC / ELECTRICAL ACTUATOR
END CONNECTION	FLANGE / BUTT WELD ENDS / RING JOINT

		Class -150					Class -300				Class -600		
Size	ØD	A		WT			A		WT		A	WT	
mm	RB	FB	FE	BWE	RB	FB	FE	BWE	RB	FB	FE/BW	RB	FB
50	-	49	178	216	-	25	216	216	-	29	292	-	35
80	49	74	203	283	34	38	283	283	42	58	356	55	64
100	74	100	229	305	44	62	305	305	55	77	432	78	101
150	100	150	394	457	90	127	403	457	104	160	559	202	250
200	150	201	457	521	165	255	502	521	226	272	660	397	449
250	201	252	533	559	295	378	568	559	390	490	787	645	792
300	252	303	610	635	438	570	648	635	530	670	838	850	1025
350	303	334	686	762	606	721	762	762	898	1060	889	1090	1135
400	334	385	762	838	798	955	838	838	1060	1470	991	1555	1598
450	385	436	864	914	1220	1275	914	914	1740	1665	1092	2190	2180
500	436	487	914	991	1400	1882	991	991	1955	2295	1194	2610	2750
550	487	538	991	1092	1770	2700	1092	1092	2390	2810	1295	3170	3860
600	538	589	1067	1143	2300	3255	1143	1143	2910	3570	1397	3680	4968

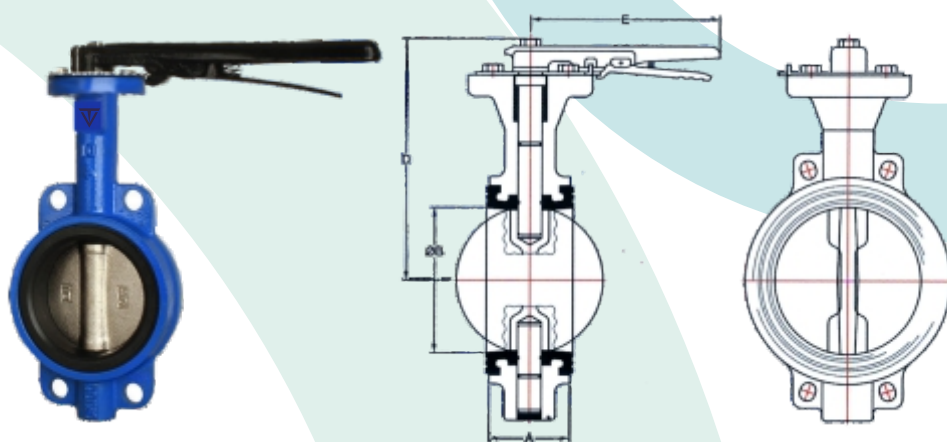
RB = Reduced Bore

FB = Full Bore

COMPONENTS	MATERIALS
BODY / END PIECE	ASTM A216 Gr. WCB, A351 Gr. CF8 / CF8M / CF3 / CF3M **
BALL	ASTM A217 Gr. CA 15, A351 Gr. CF8 / CF8M / CF3 / CF3M **
STEM / TRUNNION	ASTM A 182 Gr. F6A, F304, F316, ASTM A276 TYPE 304 / 316 / 410 HARDENED **
SEAT / SEAT INSERT	PTFE / RPTFE / DEVLON / NYLON / PEEK / METAL
METAL SEAT	ASTM A276 TYPE 410 HARDENED / STELLITED **
SEAT RETAINER	ASTM A 217 Gr. CA15 / ASTM A351 Gr. CF8 / CF8M / CF3 / CF3M **
COIL SPRING	INCONEL X-750
O" RING	VITON Gr. B
STEM WASHER	GLASS FILLED TEFLON
BODY SEAL	SPIRAL WOUND 316 WITH GRAPHITE / PTFE FILLED
TRUNNION / STUFFING BOX SEAL	PTFE / GRAFOIL / SPIRAL WOUND SS WITH GRAPHITE FILLER
BODY STUD / NUT	ASTM A193 Gr. B7 / B16 / B8 / B8M / A194 Gr. 2H / 7 / 8 / 8M
SURFACE PROTECTION	CARBON STEEL : HEAT RESISTANT ALUMINIUM PAINT STAINLESS STEEL : GRIT BLASTED, ACID PICKLING AND PASSIVATION

** Other materials can be given on request.

- All dimensions are in mm.
- Valves upto 100 FB / 150RB with lever, from 150 FB / 200 RB provided with gear actuators.
- All size of Ball valves can also be provided with actuators (Electrical / Pneumatic / Flanged end with Ring Type joint / Butt Weld End)
- Due to continuous developments we reserve the right to change specifications without notice.
- Weights mentioned are in kg and approximate.



WAFER TYPE RUBBER LINED BUTTERFLY VALVE

DESIGN STANDARD
API 609, BS EN 593 & IS 13095

TESTING STANDARD
API 598 & BS EN 12266 - Part 1

TESTING PRESSURE IN BAR	PN 10	PN 16
HYDRO SHELL	15	24
HYDRO SEAT	11	18
AIR SEAT	7	7

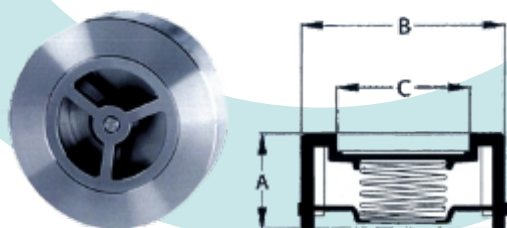
SIZE mm	A	ØB	D	E	WT KG Approx
40	33	38	130	220	1.2
50	43	50	155	220	2.18
65	46	62	165	220	2.6
80	46	76	180	220	3
100	52	100	205	265	4
125	56	125	225	350	5.2
150	56	150	240	350	7.5
200	60	200	275	350	10.3
250	68	250	350	*	17
300	78	300	400	*	24.5
350	80	350	440	*	49.5
400	102	400	470	*	71
450	114	450	510	*	94
500	127	500	550	*	128
600	154	600	620	*	188

* Gear Operated

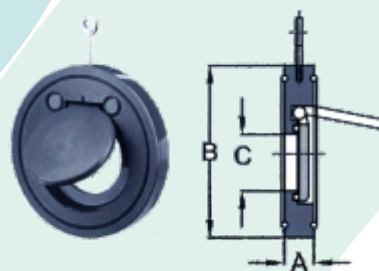
COMPONENTS	MATERIALS
BODY	CI (IS : 210 - FG 220) / ASTM A216 Gr. WCB
DISC	SGI (ASTM A536-60,40,18) / ASTM A351 Gr. CF8 & CF8M
SEAT	EPDM / NITRILE
STEM	ASTM A276 TYPE 410 / 304 / 316
O" RING	NITRILE
SURFACE PROTECTION	CARBON STEEL : HEAT RESISTANT ALUMINIUM PAINT STAINLESS STEEL : GRIT BLASTED, ACID PICKLING AND PASSIVATION

OPTIONAL FEATURES UPON REQUEST

1. Pneumatic / Electrical Actuator.
2. Other MOC, as per customer requirements.
3. Other flange-drillings, subject to customer requirements.
4. Locking Arrangement.
5. Stem Extension
6. Lever Operation up to sizes 150NB, Gear actuators are recommended for sizes 200NB and above.
7. All dimensions are in mm.
8. Due to continuous developments we reserve the right to change specifications without notice.
9. Weights mentioned are in kg and approximate.



NON SLAM CHECK VALVE



WAFER CHECK VALVE

● **DESIGN STANDARD**
API 594 & API 6D

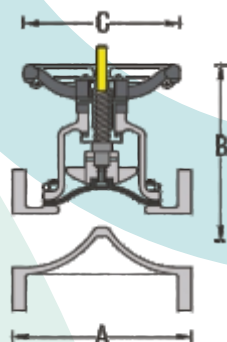
● **TESTING STANDARD**
API 598 & EN 12266 - Part 1

	NON SLAM		WAFER	
TESTING PRESSURE IN BAR	#150	#300	PN 10	PN 40
HYDRO SHELL	30	77	15	60
HYDRO SEAT	22	57	11	44

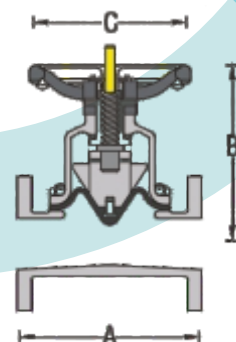
NON SLAM					WAFER			
SIZE mm	A	B	C	WT.(1)	A	B	C	WT.(1)
15	17	36	14	0.17	-	-	-	-
20	20	48	19	0.23	-	-	-	-
25	23	54	24	0.3	-	-	-	-
32	28	66.5	31.5	0.6	-	-	-	-
40	32	76	38	0.7	-	-	-	-
50	40	96	48	1.2	19.1	107	30	1.3
65	46	109	63	1.8	19.1	127	40	1.8
80	50	131	76	2.6	19.1	142	52	2.2
100	60	162	98	4.6	19.1	168	72	2.8
125	90	194	125	12	22.2	194	95	3.9
150	106	224	150	16	22.2	224	115	5.7
200	140	291	200	31	28.6	290	158	14
250	200	329	250	30	38.1	352	196	18
300	250	380	300	50	38.1	417	242	27
350	-	-	-	-	45	438	270	41
400	-	-	-	-	51	489	310	56
450	-	-	-	-	60	539	360	78
500	-	-	-	-	64	594	405	101
600	-	-	-	-	76	695	460	180

COMPONENTS	MATERIALS
BODY	CARBON STEEL ASTM A216 Gr. WCB, STAINLESS STEEL A351 Gr. CF8 / CF8M, DUCTILE IRON ASTM A 395
DISC & COVER	CARBON STEEL ASTM A216 Gr. WCB, ASTM A217 Gr. CA 15, STAINLESS STEEL ASTM A276, TYPE 410 / 304 / 316, STAINLESS STEEL ASTM A 351 Gr. CF8 / CF8M / DUCTILE IRON ASTM A395
GUIDE PLATE & SPRING	STAINLESS STEEL ASTM A 276 TYPE 316
O-RING (BODY & DISC)	ELASTOMER (GRADE ACCORDING TO WORKING CONDITIONS)
HINGE PIN	STAINLESS STEEL ASTM A 276 TYPE 410 / 304 / 316
SURFACE PROTECTION	CARBON STEEL : HEAT RESISTANT ALUMINIUM PAINT STAINLESS STEEL : GRIT BLASTED, ACID PICKLING AND PASSIVATION

- * All dimensions are in mm.
- * Net. in Kg. Approx
- * Ductile Iron for the Wafer, Sizes 350 & above
- * Cover & Guide plate applicable for Non Slam.
- * Spring applicable for Wafer Check Valves from Sizes 50 to 300 only.
- * Valves can be supplied to suit ASME / BS / DIN Flanges
- * Other materials not mentioned above available on requests.
- * Due to continuous developments we reserve the right to change specifications without notice.



WEIR TYPE

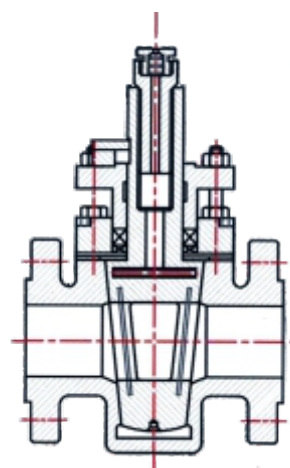


STRAIGHT THROUGH TYPE

DIAPHRAGM VALVE

- DESIGN STANDARD
BS EN 13397
- TESTING STANDARD
API 598 & EN 12266-Part 1

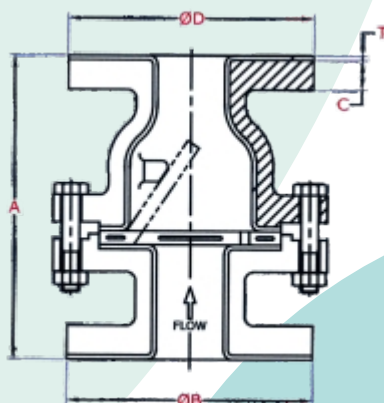
MATERIAL OF CONSTRUCTION	CAST IRON /WCB/WCS/WC6/WC9/CF8/ CF8M/ CF3/CF3M/ 4A/5A & Other Special Exotic Alloy
END CONNECTIONS	FLANGED ENDS AND BUTT WELD
PRESSURE RATING	ASA 150# /PN 10/ PN 16
SIZE RANGE	25 MM TO 450 MM



LUBRICATED PLUG VALVE

- DESIGN STANDARD
API 6D & API 599
- TESTING STANDARD
API 598 & EN 12266-Part 1

COMPONENTS	MATERIALS
BODY	IS 210 Gr. FG 200
PLUG	IS 210 Gr. FG 200



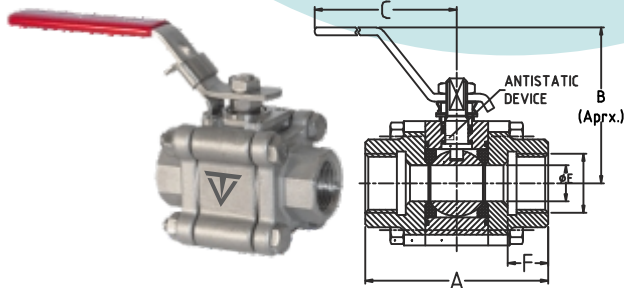
FLAP CHECK VALVE

- DESIGN STANDARD
API 6D
- TESTING STANDARD
API 6D

MATERIAL OF CONSTRUCTION	CAST IRON /WCB
END CONNECTIONS	FLANGED ENDS
PRESSURE RATING	ASA 150# /PN 10/ PN 16
SIZE RANGE	25 MM TO 300 MM

FORGED BALL VALVE

Socket Weld / Screwed End



DESIGN STANDARD
BS EN ISO 17292

TESTING STANDARD
API 598 & EN 12266-Part 1

mm	A	B	C	ØE	F	Wt. Kgs
15	64	82	120	13	13.5	0.7
20	75	86	145	20	14.5	1.4
25	88	90	145	25	17.3	2.2
32	105	110	175	32	20	2.5
40	114	115	175	38	21	3.8

COMPONENTS	MATERIALS	COMPONENTS	MATERIALS
BODY	A 105, F304, F316 **	SEAT	PTFE / CFT / GFT
END PIECE	A 105, F304, F316 **	BODY SEAL	GRAFOIL
BALL	410, 304, 316	STEM SEAL	GRAFOIL
STEM	410, 304, 316	STEM WASHER	25% GFT
GLAND	410, 304, 316	HEX SCREW	B7, B8, B8M

** Other materials can be given on request.

1. All dimensions are in mm.
2. Optional Features : Locking arrangement, Stem extensions, IBR, & Others as per customer requirements.
3. Due to continuous improvements we reserve the right to change specifications and dimensions without notice.
4. Weights mentioned are in kg and approximate.

PISTON VALVES

Socket Weld / Screwed End



DESIGN STANDARD
ASME B16.34 / API 6D

TESTING STANDARD
API 598 & EN 12266-Part 1

Size	15 nb, 20nb, 25 nb, 40 nb, 50 nb
End Connection	Socket Weld/Screwed BSP Ends
Options	IBR/Non-IBR
Moc	Carbon Steel (A105) with SS internals
Operating Parameters	
For Socket Weld Ends For Pressure Rating Of Class 800	
Max. Working Pressure	138 Kg./cm ²
Max. Working Temperature	427 Deg. C.
For Screwed Ends For Pressure Rating Of Class 800	
Max. Working Pressure	31.5 Kg./cm ²
Max, Working Temperature	427 Deg. C.

PISTON VALVES

Flanged End



- The Cast Carbon Steel Piston valve is manufactured to ANSI class 150 and 300 pressure rating.
- The Piston Valve is a seat less valve.
- In Piston Valves seat and Gland are replaced by lower and upper seating rings.
- The unique design ensures a long life even at high temperature up to 427 deg.C.

Size	50NB, 65NB, 80NB, 100NB, 150NB 200NB & 250NB
End Connection	Flanged Ends with ANSI Class 150 & 300
Options	IBR/Non-IBR
Moc	Carbon Steel (A105) with SS internals
Operating Parameters	
For ANSI Class 150	
Max. Working Pressure	As pes ANSI class 150
Max. Working Temperature	427 Deg. C.
For ANSI Class 300	
Max. Working Pressure	As pes ANSI class 300
Max, Working Temperature	427 Deg. C.

BTM FORGINGS PRIVATE LIMITED

ABOUT US

BTM Forgings Private Limited is sister concern of Veetech Valves Private Limited. The clients in present times with more relaxed financial brackets are willing to spend only on products which pamper them giving a distinctive look and identity. Thanks to the much more aware and choosy clients of today, relishing the availability of the plethora of products from wide conners of the world... that makes the companies bound to provide superior quality products. The same rule touches the manufacturing of world class automotive and engineering sectors which demands the raw material of superior quality. Here came a name to reckon with confidence established in the year 2006.

BTM Forgings Private Limited a name celebrating all the consumers demands in an upbeat mood!. We hold a distinguished image in the market of manufacturing and supplying for the automotive and engineering industries. Our factory at Hubli has well-equipped state of the art machineries and other facilities to produce and supply quality forgings weighing from 200gms to 25kgs. We are certified for ISO 9001:2015 by TUV INDIA & Well Known forge by IBR.

BTM Forgings Private Limited commenced closed Die steel forgings activity in 2006 and are leading supplier of duly heat treated forgings in Carbon Steel, Stainless Steel and Alloy Steel to various valve manufacturing industries. Hydraulic Equipments and Fittings manufacturers, Pipe Fittings manufactures, various Engineering Industries and also for Automotive Industries. We have integrated high quality equipments, advanced technology and well trained technicians to meet the demands of tomorrow.

The development and production of forging components at BTM Forgings is supported by a team of experienced engineers to over come the design and manufacturing complications, selecting proper raw material, process control, testing and inspection.

INFRASTRUCTURE

Our infrastructure set up is one of the biggest strength in achieving our desired results. The perfect amalgamation of the state of the art machinery and our team of highly qualified professionals enable our products to encourage the clientele into the deal. We keep on upgrading our machineries regularly giving us an edge over our competitors. Apart from upgradation of machineries . We have our R & D Department that regularly keeps a vigil on the technological upgrade. Our strong equation between the machineries and workforce helps us to well adapt & flourish our imagination with the engineering giving birth to a product unanimously desired by each of our valued clients.

CERTIFICATIONS



Central Boilers Board
Certificate of Approval for well known forge



FORGING PRODUCTS

Valve Forgings



Tee & Elbow



Ball & Stem



Gland Flange



Ball Valve



Automobile Component



Flange Forging



Gear Wheel



Y Type Body Bonnet



Bearing Component



Traps & Cover



Forged Component



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- Power Plant
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- Sugar Plant Manufacturers
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VEETECH
V A L V E S



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