



M H Flow
Control Pvt. Ltd.

mhflowcontrol.com



Manufacturer Of Industrial Valves

An ISO 9001.2005 Certified Company



+91 84601 48805 | +91 95105 22870



info@mhflowcontrol.com

Our Vision

M H Flow Control Pvt. Ltd. has wide range of superior quality Valves. The company was established by Mr. Hussain Rana who is a well experienced person in Valve's Pattern Design, Casting & Machining, interested in R&D and tradition of generating innovative solutions for the application of waterworks distribution networks, Power Plants Systems, fire protection, mining systems, Starch & Petro-Chemicals plants and farming irrigation systems. Our company is characterized by an in-depth knowledge of the markets, the broad range of products .



VISION



Our Mission

As We Believe in Success, '11Fit to Use' is the word, M H Flow Control has coined and leaped to their esteemed customers. Success primarily depends on customer's satisfaction in turn quality of product and service rendered. At last, M H Flow Control is committed to serve the society with all assurance of sustainable development by adhering to Our Quality Policy, Quality Objectives and Environment Health and Safety Policy. To be globally recognized in our forte valve markets for engineering excellence, exceptional customer service and the best performing products.



Mission

Test Pressure

Testing	Hydraulic			Pnumatic
	150#	300#	600#	-
Body	425 PSIG	1100 PSIG	1100 PSIG	-
Back Seat	300 PSIG	800 PSIG	1600 PSIG	-
Seat	300 PSIG	800 PSIG	1600 PSIG	80 PSIG

Size	Port	L	L1	H	H1	ØWH	ØD	b	Øg	f	Øj	N	K:pcd
50	51	178	216	302	360	200	150	16.3	92.1	2.0	19.1	4	120.7
65	64	190	241	355	425	200	180	17.9	104.8	2.0	19.1	4	139.7
80	76	203	281	390	470	200	190	19.5	127.0	2.0	19.1	4	152.4
100	102	229	305	468	577	250	230	24.3	157.2	2.0	19.1	8	190.5
125	127	254	381	550	685	250	255	24.3	185.7	2.0	22.2	8	215.9
150	152	267	403	630	790	300	280	25.9	215.9	2.0	22.2	8	241.3
200	203	292	419	800	1013	350	345	29.0	269.9	2.0	22.2	8	298.5
250	254	330	457	950	1215	400	405	30.6	323.8	2.0	25.4	12	362.0
300	305	356	502	1110	1425	400	485	32.2	381.0	2.0	25.4	12	431.8
350	337	381	572	1140	1500	550	535	35.4	412.8	2.0	28.6	12	476.3
400	387	406	610	1365	1755	550	595	37.0	469.9	2.0	28.6	16	539.8
450	438	432	660	1540	2000	600	635	40.1	533.4	2.0	31.8	16	577.9
500	489	457	711	1690	2210	600	700	43.3	584.2	2.0	31.8	20	635.0
600	590	508	813	2100	2725	650	815	48.1	692.2	2.0	34.9	20	749.0

Size	Port	L	ØD	b	og	f	Øj	N	K:pcd
650	650	559	785	41.8	711	2.0	22.2	36	744.5
700	700	610	835	45.0	762	2.0	22.2	40	795.3
750	750	610	885	45.0	813	2.0	22.2	44	846.1
900	900	711	1055	52.9	972	2.0	25.4	44	1009.6

Size	Port	L	L1	H	H1	ØWH	ØD	b	Øg	f	Øj	N	K:pcd
50	51	203	203	270	290	200	150	16.3	92.1	2.0	19.1	4	120.7
65	64	216	216	298	320	250	180	17.9	104.8	2.0	19.1	4	139.7
80	76	241	241	318	343	250	190	19.5	127.0	2.0	19.1	4	152.4
100	102	292	292	378	410	300	230	24.3	157.2	2.0	19.1	8	190.5
125	127	356	356	390	430	350	255	24.3	185.7	2.0	22.2	8	215.9
150	152	406	406	435	480	400	280	25.9	215.9	2.0	22.2	8	241.3
200	203	495	495	523	582	500	345	29.0	269.9	2.0	22.2	8	298.5
250	254	622	622	627	700	500	405	30.6	323.8	2.0	25.4	12	362.0
300	305	698	698	740	825	600	485	32.2	381.0	2.0	25.4	12	431.8

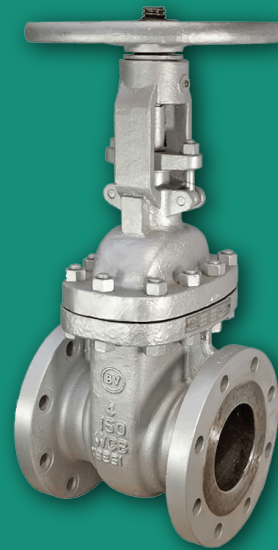
Size	Port	L	ØD	b	og	f	Øj	N	K:pcd
650	650	559	785	41.8	711	2.0	22.2	36	744.5
700	700	610	835	45.0	762	2.0	22.2	40	795.3



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GATE VALVE

150#|300#|600#|900#|1500#



Size

Class

End

Design / Mfg. Std.

Face to face

Inspection & Testing Std.

2" (50 mm) to 48" (1200 mm)

150# / 300# / 600# / 900# / 1500#

Flanged End to ASME B16.5 RF / Butt Weld
Ends to ASME B16.25

API 600 / API 603 / BS 1414

ASME B16.10

API 598

*Special Material & Higher Size/Class Valves also available on request

GLOBE VALVE

150#|300#|600#|900#|1500#



Size

Class

End

Design

Face to face

Inspection & Testing Std.

2" (50 mm) to 16" (400 mm)

150# / 300# / 600# / 900# / 1500#

Flanged End to ASME B16.5 RF / Butt Weld
Ends to ASME B16.25

BS 1873

ASME B 16.10

API 598 / BSEN 12266 PI

*Special Material & Higher Size/Class Valves also available on request

Test Pressure

Testing	Hydraulic			Pneumatic
	150#	300#	600#	80 PSIG
Body	450 PSIG	1115 PSIG	2225 PSIG	80 PSIG
Back Seat	315 PSIG	825 PSIG	1630 PSIG	80 PSIG
Seat	315 PSIG	825 PSIG	1630 PSIG	80 PSIG

Size	Port	L	L1	H	ØD	b	Øg	f	Øj	N	K:pcd
50	51	203	203	130	150	16.3	92.1	2.0	19.1	4	120.7
65	64	216	216	140	180	17.9	104.8	2.0	19.1	4	139.7
80	76	241	241	162	190	19.5	127.0	2.0	19.1	4	152.4
100	102	292	292	187	230	24.3	157.2	2.0	19.1	8	190.5
125	127	330	330	217	255	24.3	185.7	2.0	22.2	8	215.9
150	152	356	356	235	280	25.9	215.9	2.0	22.2	8	241.3
200	203	495	495	285	345	29.0	269.9	2.0	22.2	8	298.5
250	254	622	622	338	405	30.6	323.8	2.0	25.4	12	362.0
300	305	698	698	380	485	32.2	381.0	2.0	25.4	12	431.8
350	337	787	787	415	535	35.4	412.8	2.0	28.6	12	476.3
400	387	864	864	455	595	37.0	469.9	2.0	28.6	16	539.8
450	438	978	978	505	635	40.1	533.4	2.0	31.8	16	577.9
500	489	978	978	560	700	43.3	584.2	2.0	31.8	20	635.0
600	590	1295	1295	615	815	48.1	692.2	2.0	34.9	20	749.0

Size	Port	L	ØD	b	og	f	Øj	N	K:pcd
650	650	1295	785	41.8	711	2.0	22.2	36	744.5
700	700	1448	835	45.0	762	2.0	22.2	40	795.3
750	750	1524	885	45.0	813	2.0	22.2	44	846.1
900	900	1956	1055	52.9	972	2.0	25.4	44	1009.6

Size	Port	L	H	H1	Øwh	ØD	b	Øg	f	Øj	N	K:pcd
50	51	230	-	-	200	165	20	102	3	18	4	125
65	64	290	-	-	250	185	22	122	3	18	8	145
80	76	310	-	-	250	200	24	138	3	18	8	160
100	102	350	-	-	350	235	24	162	3	22	8	190
150	152	480	-	-	400	300	28	218	3	26	8	250
200	203	600	-	-	480	375	34	285	3	30	12	320
250	254	730	-	-	480	450	38	345	3	33	12	385
300	305	850	-	-	600	515	42	410	3	33	16	450
350	337	980	-	-	-	580	54	465	4	36	16	510
400	387	1100	-	-	-	660	60	535	4	39	16	585
450	438	1200	-	-	-	685	66	560	4	39	20	610
500	489	1250	-	-	-	755	72	615	4	42	20	670
600	590	1450	-	-	-	890	84	735	5	48	20	795



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SWING CHECK VALVE

150#|300#|600#|900#|1500#



Size	2" (50 mm) to 36" (900 mm)
Class	150# / 300# / 600# / 900# / 1500#
End	Flanged End to ASME B16.5 RF
Design / Mfg. Std.	BS 1868 / API 6D
Face to face	ASME B16.10 / API 6D
Inspection & Testing Std.	API 6D / API 598 / BSEN 12266PI

*Special Material & Higher Size/Class Valves also available on request

"Y" STRAINER

150#|300#|600#|900#|PN16|PN25|PN40



Size	1/2" (15 mm) to 2" (50 mm) Threaded End 2" (50 mm) to 24" (600 mm) Flanged End
Class	150# / 300# / 600# / 900# / PN16 / PN25 / PN40
End	Flanged / Threaded / Socket Weld Ends
Design	Mfg. Standard
Features	Strainer Screens - Perforated + Wire mesh

*Special Material & Higher Size also available on request

	VALVE DIMENSION									TOP PLATE DRILLING		
Size	A	B	C	D	F	G	H	KEY WAY	Q	PCD	N	N
40	40	77	85	34	31.7	12.7	8	-	22	70	4	9
50	50	95	100	43	31.7	14.2	9.5	-	26	70	4	9
65	65	117	115	46	31.7	14.2	9.5	-	47	70	4	9
80	75	126	125	46	31.7	14.2	9.5	-	60	70	4	9
100	100	160	150	53	31.7	15.9	11	-	85	70	4	9
125	125	182	155	56	31.7	15.9	11	-	113	70	4	9
150	152	210	170	56	31.7	19	12.7	-	144	102	4	11
200	203	265	205	61	31.7	22.2	18.5	-	195	102	4	11
250	252	325	255	69	50	28.6	-	6.3X6.3	245	125	4	11
300	300	366	275	78	50	28.6	-	6.3X6.3	313	125	4	11
350	337	438	305	78	65	35	-	7.9X7.9	330	140	4	18
400	387	490	335	102	65	41.2	-	9.5X9.5	376	140	4	18
450	438	539	368	114	65	47.6	-	12.7X9.5	425	140	4	18
500	489	595	400	127	65	47.6	-	12.7X9.5	475	140	4	18
600	587	696	495	154	75	47.6	-	12.7X9.5	570	165	4	18

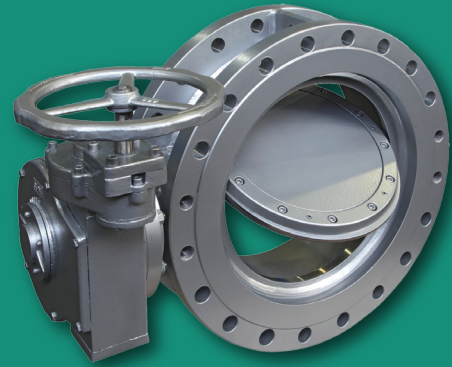
Test Pressure

Testing	Hydraulic			Pneumatic
	800#	1500#	2500#	
Body	3000 PSIG	5400 PSIG	9060 PSIG	-
Back Seat	2200 PSIG	4075 PSIG	6800 PSIG	80 PSIG

					SW. ENDS		
					SCR. Ends		OD
Size	L	H	ØC	E	Max.	Min.	F(Min.)
15	85	55	1/2"	13.56	22.22	21.72	9.65
20	92	60	3/4"	13.87	27.56	27.05	12.7
25	105	72	1"	17.35	34.29	33.78	12.7
40	127	95	1.1/2"	18.38	49.15	48.64	12.7
50	140	100	2"	19.23	61.62	61.11	15.75

					SW. ENDS		
					SCR. Ends		OD
Size	L	H	ØC	E	Max.	Min.	F(Min.)
15	92	60	1/2"	13.56	22.22	21.72	9.65
20	105	72	3/4"	13.87	27.56	27.05	12.7
25	127	95	1"	17.35	34.29	33.78	12.7
40	140	100	1.1/2"	18.38	49.15	48.64	12.7

CENTER DISC DESIGN BUTTERFLY VALVE



(A) Center Disc Butterfly Valve

Size	2" (50 mm) to 36" (900 mm)
Class	PN 16 upto 12" and above PN 10
Type	Wafer Type / Lug Type / Flange Ends
Design	API-609 - Category : A
Seat	Moulded Seat as NBR / EPDM / SILICON / VITON / PTFE
Operation	Lever / Gear / Actuator / Electric Operated

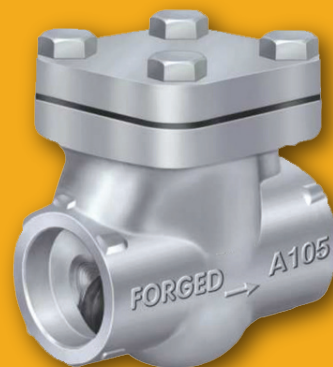
*Special Material & Higher Size/Class Valves also available on request

(B) Offset Disc Butterfly Valve

Size	2" (50 mm) to 36" (900 mm)
Class	PN 10 / PN 16
Type	Wafer Type / Lug Type / Flange Ends
Design	API-609 - Category : B / AWWA C504
Seat	Moulded Seat Lip Seal Design NBR / EPDM / SILICON / VITON etc.
Operation	Lever / Gear / Actuator / Electric Operated

FORGE STEEL LIFT CHECK VALVE

800# / 1500# / 2500#



Size	1/4" (6 mm) to 2" (50 mm)
Class	800# / 1500# / 2500#
End	Threaded / Socket Weld / Butt Weld Ends
Design	API-602 / BS 5352 / B 16.11 / B 16.25
Features	Bolted / Welded Bonnet

*Special Material & Higher Size/Class Valves also available on request

Test Pressure

Testing	Hydraulic			Pnumatic
	800#	1500#	2500#	-
Body	3000 PSIG	5400 PSIG	9060 PSIG	-
Back Seat	2200 PSIG	4075 PSIG	6800 PSIG	-
Seat	2200 PSIG	4075 PSIG	6800 PSIG	80 PSIG

							SW. ENDS		
					SCR. Ends		OD		
Size	L	H	H1	OWH	ØC	E	Max.	Min.	F(Min.)
15	85	152	165	90	1/2"	13.56	22.22	21.72	9.65
20	92	161	176	90	3/4"	13.87	27.56	27.05	12.7
25	105	175	198	90	1"	17.35	34.29	33.78	12.7
40	127	240	278	145	1.1/2"	18.38	49.15	48.64	12.7
50	140	255	298	145	2"	19.23	61.62	61.11	15.75

							SW. ENDS		
					SCR. Ends		OD		
Size	L	H	H1	OWH	ØC	E	Max.	Min.	F(Min.)
15	92	161	176	90	1/2"	13.56	22.22	21.72	9.65
20	105	175	198	90	3/4"	13.87	27.56	27.05	12.7
25	127	240	278	145	1"	17.35	34.29	33.78	12.7
40	140	255	298	145	1.1/2"	18.38	49.15	48.64	12.7

Test Pressure

Testing	Hydraulic			Pnumatic
	800#	1500#	2500#	-
Body	3000 PSIG	5400 PSIG	9060 PSIG	-
Back Seat	2200 PSIG	4075 PSIG	6800 PSIG	-
Seat	2200 PSIG	4075 PSIG	6800 PSIG	80 PSIG

							SW. ENDS		
					SCR. Ends		OD		
Size	L	H	H1	OWH	ØC	E	Max.	Min.	F(Min.)
15	85	162	170	90	1/2"	13.56	22.22	21.72	9.65
20	92	170	180	90	3/4"	13.87	27.56	27.05	12.7
25	105	190	202	90	1"	17.35	34.29	33.78	12.7
40	127	243	260	145	1.1/2"	18.38	49.15	48.64	12.7
50	140	255	272	145	2"	19.23	61.62	61.11	15.75

							SW. ENDS		
					SCR. Ends		OD		
Size	L	H	H1	OWH	ØC	E	Max.	Min.	F(Min.)
15	92	170	180	90	1/2"	13.56	22.22	21.72	9.65
20	105	190	202	90	3/4"	13.87	27.56	27.05	12.7
25	127	243	260	145	1"	17.35	34.29	33.78	12.7
40	140	255	272	145	1.1/2"	18.38	49.15	48.64	12.7

FORGE STEEL GATE VALVE

800#|1500#|2500#



Size

Class

End

Design / Mfg. Std.

Features

1/4" (6 mm) to 2" (50 mm)

800# / 1500# / 2500#

Threaded / Socket Weld / Butt Weld Ends

API-602 / BS 5352 / B 16.11 / B 16.25

Bolted / Welded Bonnet

*Special Material & Higher Size/Class Valves also available on request

FORGE STEEL GLOBE VALVE

800# / 1500# / 2500#



Size

Class

End

Design

Features

1/4" (6 mm) to 2" (50 mm)

800# / 1500# / 2500#

Threaded / Socket Weld / Butt Weld Ends

API-602 / BS 5352 / B 16.11 / B 16.25

Bolted / Welded Bonnet

*Special Material & Higher Size/Class Valves also available on request

ISO PN 20 / ASME 150 CLASS

	50	65	80	100	150	200	250	300	350	400	450	500
A	30	38	52	72	114	157	195	230	270	310	360	406
B	19	19	19	19	19	29	29	38	44	51	60	64
C	104.5	120	133	171	219	276	337	406	446	508	542	598

ISO PN 20 / ASME 150 CLASS

	50	65	80	100	150	200	250	300	350	400	450	500
A	101	120	133	171	218	276	336	406	447	511	546	603
B	60	67	67	73	98	127	146	181	184	191	203	219
C	60	73	89	114	168	219	273	324	356	406	457	508

API 6D SHORT PATTERN SINGLE PLATE WAFER CHECK VALVE



Parameter

Design

Compliance to
API 6D / API 594

Pressure Temperature Rating

ASME B 16.34

End Connection Dimensions

Wafer to suit PN 20 (ASME 150 Class), PN 50
(ASME 300 Class), PN 100 (ASME 600 Class)

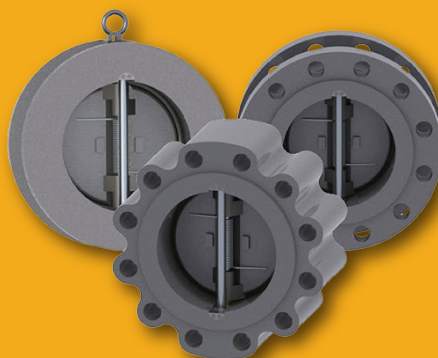
Face to Face/ End to End

API-6D

Inspection & Testing

ISO 5208 / API 598

API 6D LONG PATTERN DUAL PLATE CHECK VALVE



Parameter Design

Compliance to
API 6D - ISO 14313/API 594

Pressure Temperature Rating

ASME B 16.34

End Connection Dimensions

Wafer to suit PN 20 (ASME 150 Class), PN 50
(ASME 300 Class), PN 100 (ASME 600 Class)

Face to Face/ End to End

API-6D

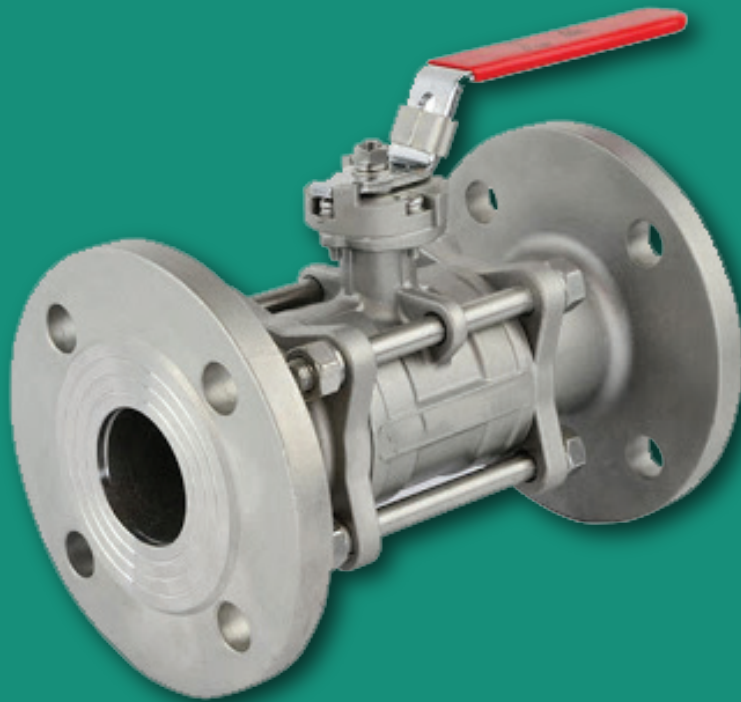
Inspection & Testing

ISO 5208 / API 598/BS 7655 PART 1



TWO WAY BALL VALVES

[1 PIECE / 2 PIECE / 3 PIECE DESIGN]



Availability [Size]

MOC

Ball

Stem

Ball Seat/Gland Seal/Stem Seal

Pressure Class

Operation

Valve Design

Pressure Testing

Fire Safe Testing

Face to Face

Flange Drilling

Butt Weld End

Socket Weld End

Screwed End

DN15 / 15MM / 1/2" To DN300 / 300MM / 12" [Flanged End]

DN15 / 15MM / 1/2" To DN100 / 100MM / 4" [Screwed End]

WCB [CS] / CF8 [SS 304] / CF8M [SS 316] / CF3M [SS 316L]

CF8 [SS 304] / CF8M [SS 316] / CF3M [SS 316L]

AISI 304 / 316 / 304L / 316L

P.T.F.E. / P.T.F.E. Glass Filled / P.T.F.E. Carbon Filled

150# / 300# / 600# / 800#

Manual / Pneumatic / Electrical

BS EN ISO 17292 [BS 5351] / ASME B 16.34 / API 6D / BE EN ISO 12516

API 598 / API 6D / BS EN 12266 I [BS 6755 Part I]

API 607 / API 6FA / BS EN ISO 12266 Part II [BS 6755 PART II]

ANSI B 16.10

ANSI 16.5

ANSI B 16.25

ANSI B 16.11v

ANSI B 1.20.1 [BSP/NPT]



M H Flow
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CONTACT US



Head Office

M H Flow Control pvt ltd
G- 3/4 AL-Mizab Estate
Sonal Factory, vatva-Narol Road.
vatva.Ahmedabad, Gujarat - 382440



+91 84601 48805 | +91 95105 22870



info@mhflowcontrol.com