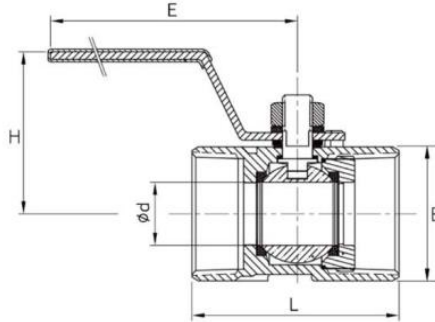


ONE PIECE BALL VALVES

BB-101 1000PSI



DIMENSIONS UNIT:mm

SIZE	d	φL	B	H	E	SIZE	d	φL	B	H	E
1/4"	5	39.4	16.5	31	57.8	1"	15	70.7	37.5	50	104
3/8"	7	44.2	20.5	37	69	1 1/4"	20	77	47	55	104
1/2"	9.2	56.6	24.5	43	89	1 1/2"	25	83	53	69	123
3/4"	12.5	59	31.5	47	89	2"	32	100	64.5	75	123

SPECIFICATIONS

Size Range 1/4"~2"

For chemical and industrial applications

Blow-out proof stem design

100% tested air under water at 100psi, open and closed positions

Working pressure 1000 psi W.O.G

Temperature range -20° to 450° F

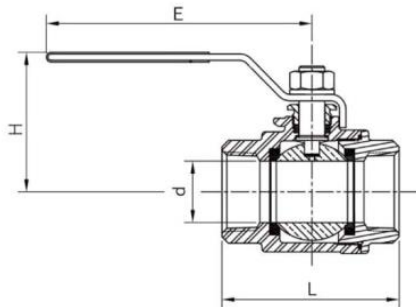
End types threaded

MATERIALS LIST

Designation	Material
BODY	ASTM A351 GR.CF8M/CF8
BALL	ASTM A351 GR.CF8M/CF8
STEM	ASTM A276 TYPE316/304
GASKET	PTFE
SEAT	TFM-1600
HANDLE	ASTM A276 TYPE 304

TWO-PIECE BALL VALVES

BB-201 1000PSI



DIMENSIONS UNIT:mm

SIZE	φd	E	H	L	SIZE	φd	E	H	L	SIZE	φd	E	H	L
1/4"	11.6	100	50	53.8	1"	25	148	73	82.8	2"	50	164	94	124.3
3/8"	12.5	100	50	53.8	1-1/4"	32	148	75	92.1	2-1/2"	65	248	135	162
1/2"	15	125	56	59.7	1-1/2"	38	164	85	111	3"	80	248	144	176
3/4"	20	125	58	71										

SPECIFICATIONS

Size range 1/4"~3"

For food and general chemical service applications

Adjustable stem packing

Blow-out proof stem design

Body and end caps quality investment casting

Available in carbon or stainless steel body construction

Design for easy actuator mounting

100% tested by air under water, at 100psi open and closed positions

Temperature Range -20° to 450° F

End type Threaded

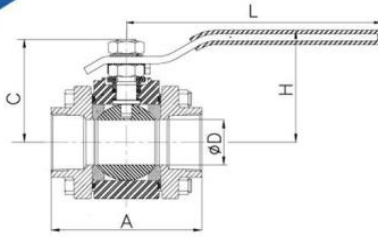
Working Pressure 1/4"~2" 1000 psi W.O.G
2-1/2"~3" 800 psi W.O.G

MATERIALS LIST

Designation	Material
BODY	ASTM A351 GR.CF8M/A216 WCB
END CAP	ASTM A351 GR.CF8M/A216 WCB
BALL	ASTM A351 GR.CF8M/CF8
STEM	SS316
BALL SEATS	PTFE
HANDLE	SS304

THREE-PIECE BALL VALVES

BB-301 HEAVY DUTY H-PERFORMANCE



DIMENSIONS UNIT:mm

SIZE in mm	A	C	φD	H	L	SIZE in mm	A	C	φD	H	L		
1/4"	8	66.0	38.1	11.2	45.2	119.4	1-1/4"	32	108.0	60.7	25.4	65.5	147.1
3/8"	10	66.0	38.1	11.2	45.2	119.4	1-1/2"	40	116.1	73.2	31.8	78.7	182.1
1/2"	15	66.0	38.1	11.2	45.2	119.4	2"	50	128	78.2	38.1	83.6	182.1
3/4"	20	71.1	40.4	14.2	47.5	119.4	2-1/2"	65	151.4	88.4	50.8	93.2	267.0
1"	25	94.0	55.9	20.6	62.0	147.1							

SPECIFICATIONS

Size Range 1/4"~2-1/2"

Blow-out proof stem design / Reduced port

ISO5211 mounting pad

Chemical, food, oil / gas, etc.

All S.S weld ends in S.S 316L / CF3M

100% tested air under water at 80psi, open and closed positions

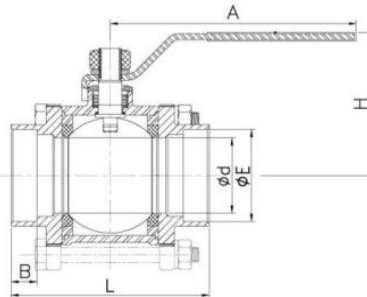
Working pressure 1000psi WOG

End types threaded, socket welding, butt welding

MATERIALS LIST

Designation	STAINLESS STEEL	CARBON STEEL
BODY	ASTM A351 GR.CF8M	ASTM A216 GR.WC8
CAP	ASTM A351 GR.CF3M	ASTM A216 GR.WC8
BALL	ASTM A351 GR.CF8M	ASTM A351 Gr. CF8
STEM	ASTM A276 TYPE 316	ASTM A276 TYPE304
HANDLE	ASTM A276 TYPE 304	ASTM A276 TYPE304
SEAT	PTFE	PTFE

BB-311K SOCKET WELD ENDS



DIMENSIONS UNIT:mm

SIZE	L	B	Ød	ØE	H	A	SIZE	L	B	Ød	ØE	H	A
1/2"	65.4	16	15	22	49.1	120	2"	133.4	25	50	61.5	93.2	164
3/4"	79	18	20	27.4	52.7	120	2-1/2"	162.8	28	65	74.2	134	248
1"	86	19	25	34.1	72.7	148	3"	183	30	80	90	143.5	248
1-1/4"	105	22	32	42.9	77.1	148	4"	227.2	35	100	115.5	177	246
1-1/2"	119.5	22	38	49	85.1	164							

SPECIFICATIONS

Size Range 1/2"~4"

Adjustable stem packing

Blow-out proof stem design / Full port

Body and end caps quality investment casting

In-line repairable

Available in carbon or stainless steel body construction

100% tested by air under water, at 100psi, open and closed positions

Working Pressure 1/2"~2" 1000 psi W.O.G
2-1/2"~3" 800 psi W.O.G
4" 600 psi W.O.G

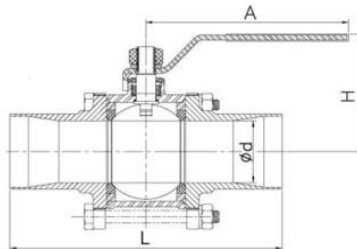
Temperature Range -20° to 450°F

End type Socket weld ends (ASME B16.11)

MATERIALS LIST

Designation	Material
BODY	ASTM A351 GR.CF8M
CAP	ASTM A351 GR.CF8M
BALL	ASTM A351-CF8M
STEM	ASTM A276-316
SEAT	PTFE
HANDLE	ASTM A276-304

BB-311L BUTT-WELD ENDS



DIMENSIONS UNIT:mm

SIZE	L	Ød	H	A	SIZE	L	Ød	H	A
1/2"	179.4	15	49.1	120	2"	222.4	50	93.2	164
3/4"	184	20	52.7	120	1-1/2"	244.8	65	134	248
1"	190	25	72.7	148	3"	257	80	143.5	248
1-1/4"	198.2	32	77.1	148	4"	280.2	100	177	246
1-1/2"	211.4	38	85.1	164					

SPECIFICATIONS

Size Range 1/2"~4"

Adjustable stem packing

Blow-out proof stem design / Full port

Body and end caps quality investment casting

In-line repairable

Available in carbon or stainless steel body construction

100% Helium test

Working Pressure 1/2"~2" 1000 psi W.O.G
2-1/2"~3" 800 psi W.O.G
4" 600 psi W.O.G

Temperature Range -20° to 450°F

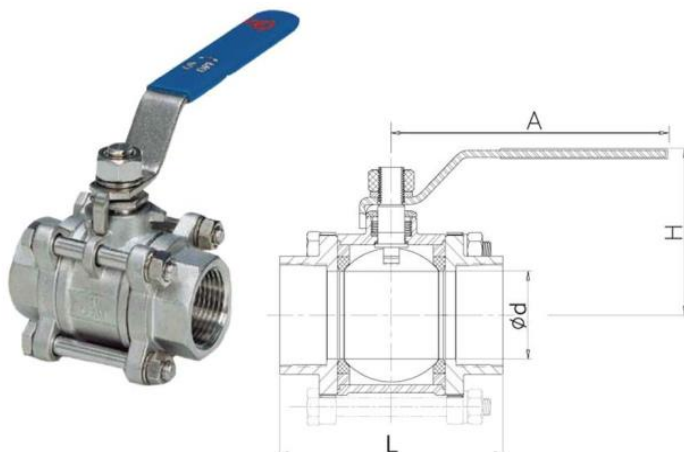
End type Butt-welding

MATERIALS LIST

Designation	Material
BODY	ASTM A351 GR.CF8M
CAP	ASTM A351 GR.CF3M
BALL	ASTM A351-CF8M
STEM	ASTM A276-316
SEAT	PTFE
HANDLE	ASTM A276-304

THREE-PIECE BALL VALVES

BB-311 THREADED ENDS



DIMENSIONS UNIT:mm

SIZE	A	L	ød	H	SIZE	A	L	ød	H
1/4"	100	60	9.5	51	1-1/2"	164	119.5	38	85.1
3/8"	100	60	9.5	51	2"	164	133.4	50	93.2
1/2"	120	65.4	15	49.1	2-1/2"	248	162.8	65	134
3/4"	120	79	20	52.7	3"	248	183	80	143.5
1"	148	86	25	72.7	4"	246	227.2	100	177
1-1/4"	148	105	32	77.1					

SPECIFICATIONS

Size Range 1/2"~4"

Adjustable stem packing / Full port

Blow-out proof stem design

In-line repairable

Available in carbon or stainless steel body construction

100% tested by air under water, at 80psi, open

and closed positions

Working Pressure 1/4"~2" 1000 psi W.O.G

2-1/2"~3" 800 psi W.O.G

4" 600 psi W.O.G

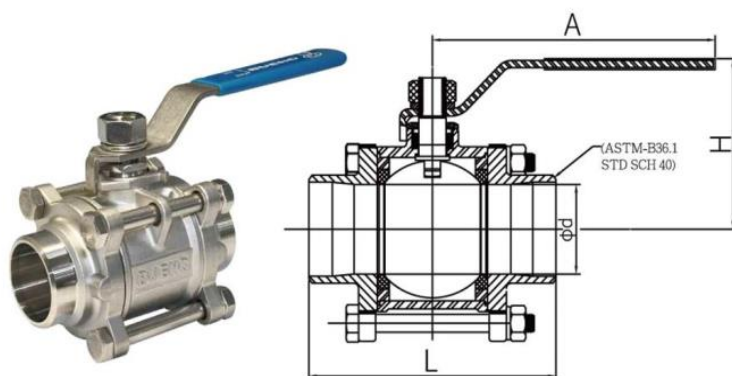
Temperature Range -20° to 450° F

End type Threaded

MATERIALS LIST

Designation	Material
BODY	ASTM A351 GR.CF8M
CAP	ASTM A351 GR.CF8M
BALL	ASTM A351-CF8M
STEM	ASTM A276 TYPE 316
SEAT	PTFE
HANDLE	ASTM A276-304

BB-311S BW ENDS, SHORT TYPE



DIMENSIONS UNIT:mm

SIZE					SIZE						
in	mm	A	L	φd	H	in	mm	A	L	φd	H
1/2"	15A	120	75	15	49.1	2"	50A	164	150	50	93.2
3/4"	20A	120	90	20	52.7	2 1/2"	65A	248	175	65	134
1"	25A	148	100	25	72.7		3"	80A	248	210	80
1 1/4"	32A	148	110	32	77.1	4"	100A	246	260	100	177
1 1/2"	40A	164	125	38	85.1						

SPECIFICATIONS

Size Range 1/2"~4"

Adjustable stem packing / Full port

Blow-out proof stem design

In-line repairable

Working Pressure 1/2"~2" 1000 psi W.O.G

2-1/2"~3" 800 psi W.O.G

4" 600 psi W.O.G

Temperature Range -20° to 450° F

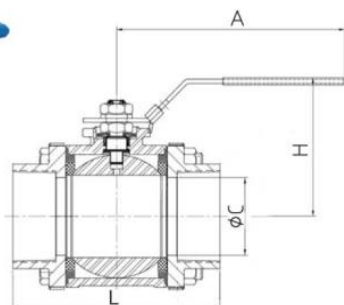
End type BW ends, short type

MATERIALS LIST

Designation	Material
BODY	ASTM A351 GR.CF8M
CAP	ASTM A351 GR.CF8M
BALL	ASTM A351-CF8M
STEM	ASTM A276 TYPE 316
SEAT	PTFE
HANDLE	ASTM A276-304

THREE-PIECE BALL VALVES

BB-312TH THREADED ENDS



DIMENSIONS UNIT:mm

SIZE					SIZE						
in	mm	A	C	L	H	in	mm	A	C	L	H
1/2"	15A	120	15	65.4	65.2	2"	50A	164	50	133.4	103.4
3/4"	20A	120	20	79	68.4	2 1/2"	65A	222	65	162.8	125.7
1"	25A	147	25	86	77.4	3"	80A	222	80	183	133.4
1 1/4"	32A	147	32	105	82.4	4"	100A	298	100	227	163.3
1 1/2"	40A	164	38	119.4	94.4						

SPECIFICATIONS

Size Range 1/2"~4"

ISO5211 mounting pad / Full port

Working pressure 1/2"~2" 1000 psi W.O.G
2 1/2"~3" 800 psi W.O.G
4" 600 psi W.O.G

End types threaded

Locking lever handle

MATERIALS LIST

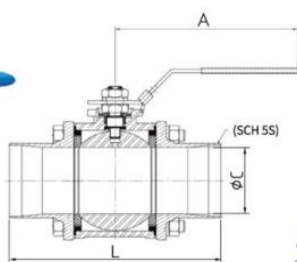
Designation	Material
BODY	ASTM A351-CF8M
CAP	ASTM A351-CF8M
BALL	ASTM A351-CF8M
STEM	ASTM A276-316
SEAT	PTFE
HANDLE	ASTM A276-304

THREE-PIECE BALL VALVES

BB-312L CLEAN VALVES



DIMENSIONS(1/2"~4")



DIMENSIONS(5"~12")

SPECIFICATIONS

Size Range 1/2"~12"

Pressure rating vacuum to 800 PSI

Operating temperature -60°C~160°C

Polished to 180 Grit/10-16min (0.25 to 0.40min)

Options pneumatic actuator or electric actuator

Clean room class 1000 assembly and test

Pipe end 5S,10S

UP & DOWN steam purge port

AP, MP, MP+EP grade process

BODY, CAP, BALL, STEM-HASTELLOY C, MONEL

SEAT-PEEK, PCTFE, DELRIN, UHMWPE

BA or EP polishing for flow channel is available on request

End types butt welding

MATERIALS LIST

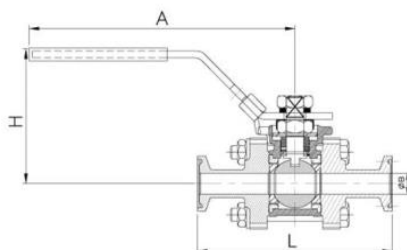
Designation	Material
BODY	ASTM A351-CF8M
CAP	ASTM A351-CF8M
STEM	ASTM A276-316
SEAT	ASTM A351-CF8M
HANDLE	ASTM A276-304

DIMENSIONS UNIT:mm

SIZE	A	ϕC	L	SIZE	A	ϕC	L	SIZE	ϕC	L
1/2"	120	15	179.4	2"	164	50	222.4	5"	114	493
3/4"	120	20	184	2-1/2"	222	65	244.8	6"	150	515
1"	147	25	190	3"	222	80	257	8"	200	560
1-1/4"	147	32	198.2	4"	298	100	280.2	10"	250	620
1-1/2"	164	38	211.4					12"	300	676

SANITARY VALVES

BB-312TC T-CLAMP ENDS



DIMENSIONS UNIT:mm

SIZE					SIZE						
A		ΦB	L	H	A		ΦB	L	H		
in	mm				in	mm					
1/2"	15A	120	9.5	89	59.6	2"	50A	164	47.5	156	103.4
3/4"	20A	120	15.75	101	68.4	2 1/2"	65A	222	60.2	197	125.7
1"	25A	147	22.1	114	77.4	3"	80A	222	72.9	229	133.4
1 1/2"	40A	164	34.8	140	94.4	4"	100A	298	97.6	243	163.3

SPECIFICATIONS

Size range 1/2"~4"

Adjustable stem packing

Blow-out proof stem design

Body and end caps quality investment casting

In-line repairable

Available in carbon or stainless steel body construction

100% tested by air under water, at 80psi, open and closed positions

Working Pressure 1/2"~4" 1000 psi W.O.G

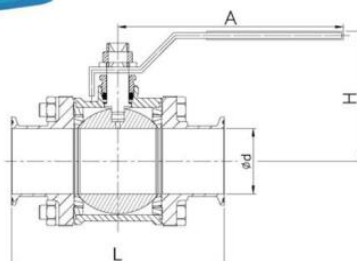
Temperature Range -20° to 450°F

Locking lever handle

MATERIALS LIST

Designation	Material
BODY	ASTM A351-CF8M
	ASTM A494-CW12MW
CAP	ASTM A351-CF8M
	ASTM A494-CW12MW
BALL	ASTM A351-CF8M
	ASTM A494-CW12MW
STEM	ASTM A276-316
SEAT	TFM-1600
HANDLE	ASTM A276-304

BB-311TC T-CLAMP ENDS



DIMENSIONS UNIT:mm

SIZE	L	φd	H	A	SIZE	L	φd	H	A
1/2"	89	9.5	51	120	2"	156	47.5	93.2	164
3/4"	101	15.75	58.7	120	2 1/2"	197	60.2	134	248
1"	114	22.1	72.7	148	3"	229	72.9	143.5	248
1 1/2"	140	34.8	85.1	164	4"	243	97.6	177	246

SPECIFICATIONS

Size range 1/2"~4"

Adjustable stem packing

Blow-out proof stem design

Body and end caps quality investment casting

In-line repairable

Available in carbon or stainless steel body construction

100% tested by air under water, at 80psi, open and closed positions

Working Pressure 1/2"~2" 1000 psi W.O.G

2 1/2"~3" 800 psi W.O.G

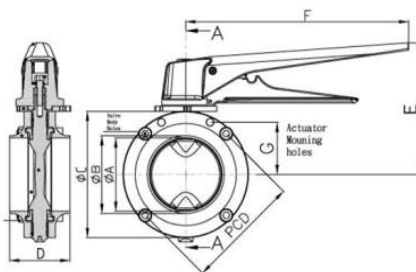
4" 600 PSI W.O.G

Temperature Range -20° to 450°F

MATERIALS LIST

Designation	Material
BODY	ASTM A351-CF8M
	ASTM A494-CW12MW
CAP	ASTM A351-CF8M
	ASTM A494-CW12MW
BALL	ASTM A351-CF8M
	ASTM A494-CW12MW
STEM	ASTM A276-316
SEAT	TFM-1600
HANDLE	ASTM A276-304

SBU-71 S.S Hygienic Butterfly Valve



DIMENSIONS UNIT:mm

SIZE	φA	φB	φC	D	E	F	G	PCD
in								
1"	22.3	25.8	69	50	83.5	154.2	26.5	59
1 1/2"	35	38.5	79	50	88.5	154.2	31.5	69
2"	47.7	51.2	94	50	96	154.2	38	84
2 1/2"	60.4	63.9	104	50	101	154.2	43	95
3"	73.1	76.6	124	60	112	185	50	111
4"	98.5	102	151	70	125.5	185	63.5	139
6"	148.4	153	223	80	183.5	266	98.5	207

SPECIFICATIONS

Size Range 1"~6"

Maximum operating pressure 10 Bar (at 20°C)

Recommended working pressure 6 Bar (at 20°C)

General temperature range -10°C~+95°C

Standard type ISO 2037 / BS 4825-1/ AS1528-1

End connections butt weld(std)

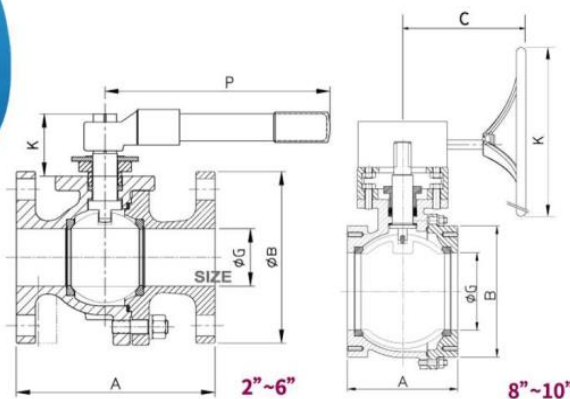
for inch tubing(O.D.tubes)

MATERIALS LIST

Designation	Material
BODY	ASTM A182-F316L
DISC STEM	ASTM A351/CF8M
SEAT	SILICON (WHITE) FDA
HANDLE ASSEMBLY	ASTM A351 CF8
NOTCH PLATE	ASTM A351 CF8

TWO-PIECE FLANGE BALL VALVES

F605D 200PSI CWP



DIMENSIONS

UNIT:mm

SIZE	A	ØB	ØG	P	K	SIZE	A	ØB	ØG	C	K
2"	178	152	50.8	229	55	8"	292	343	203	337	508
2-1/2"	191	178	63.5	406	53	10"	330	406	254	337	508
3"	203	190	76.2	406	54.5						
4"	229	229	101.6	500	57						
6"	267	279	152.4	660	73						

SPECIFICATIONS

Size range 2"~10"

Fused epoxy coating on all valve surfaces

8" comes standard with manual gear operator

Face-to-face dimensions

(ANSI B16.10) for cast iron flange standard, class 125 (ANSI B16.1)

Maximum Temperature 160°C for 2"~6"
60°C for 8"~10"

Maximum Working Pressure

200 psi(14 bars) CWP

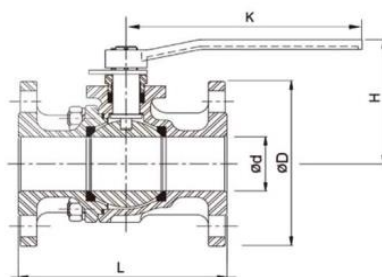
MATERIALS LIST

Designation Material

BODY	CAST IRON,ASTM A126 CLASS B
CAP	CAST IRON,ASTM A126 CLASS B
BALL	ASTM A351-CF8
STEM	AISI-304
SEAT	PTFE
HANDLE	WPB SCH40 PIPE
HANDWHEEL	DUCTILE IRON

TWO-PIECE FLANGE BALL VALVES

F601 CLASS 150LB



SPECIFICATIONS

Size Range 1/2"~10"

Blow-out proof stem

Anti-static design is standard

Valve body design B16.34

Temperature range -20°to 450°F

Face to face ASME B16.10

Flange dimensions ASME B16.5

Mounting pad ISO 5211

DIMENSIONS

UNIT:mm

SIZE	Ød	K	H	L	ØD	SIZE	Ød	K	H	L	ØD
1/2"	15	145	73	108	88.9	3"	80	320	151	203	190.5
3/4"	20	145	79	117	98.6	4"	100	320	165	229	228.6
1"	25	165	91	127	108	5"	125	514	207	356	254
1-1/4"	32	165	94	140	117.3	6"	150	514	225	394	279.4
1-1/2"	38	230	113	165	127	8"	200	1000	290.4	457	343
2"	50	230	122	178	152.4	10"	250	1000	347	533	405
2-1/2"	65	230	144	190	177.8						

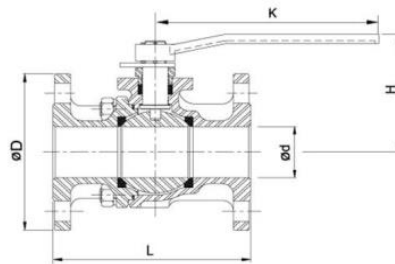
MATERIALS LIST

Designation Material

BODY&CAP	CF8/CF8M/WCB
SEAT	TFM1600
HANDLE	CF8/WCB
	WPB SCH40-1" PIPE
BALL	CF8/CF8M
STEM	SUS304/SUS316/SUS316L

TWO-PIECE FLANGE BALL VALVES

F602 JIS 10K



DIMENSIONS

UNIT:mm

SIZE	Ød	K	H	L	ØD	SIZE	Ød	K	H	L	ØD
1/2"	15	145	73	108	95	3"	80	320	151	203	185
3/4"	20	145	79	117	100	4"	100	320	165	229	210
1"	25	165	91	127	125	5"	125	514	207.5	356	250
1-1/4"	32	165	94	140	135	6"	150	514	225	340	280
1-1/2"	38	230	113	165	140	8"	200	1000	290.4	450	330
2"	50	230	122	178	155	10"	250	1000	347	533	400
2-1/2"	65	230	144	190	175						

SPECIFICATIONS

Size range 15A~250A

Blow-out proof stem / Full port

Anti-Static design is standard

Valve body design ASME B16.34

Temperature range -29°C to 232°C

Face to face JIS B 2002

Flange dimensions JIS B 2212

Pressure rating JIS B 2212

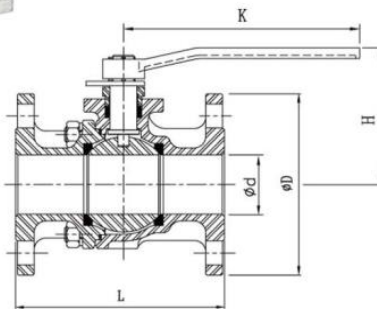
Mounting pad ISO 5211

Pressure test JIS 10K

MATERIALS LIST

Designation	Material
BODY&CAP	SCS13A/SCS14A/SCW410
SEAT	TFM-1600
HANDLE	CF8/WCB
	WPB SCH40-1" PIPE
BALL	SCS13A/SCS14A/SCS16A
STEM	SUS304/SUS316/SUS316L

F602D JIS 10K



DIMENSIONS

UNIT:mm

SIZE	Ød	ØD	K	L	H	SIZE	Ød	ØD	K	L	H
1/2"	15	95	145	108	73	2-1/2"	65	175	230	190	144
3/4"	20	100	145	117	79	3"	80	185	320	203	151
1"	25	125	165	127	91	4"	100	210	320	229	165
1-1/4"	32	135	165	140	94	5"	125	250	514	356	207.5
1-1/2"	38	140	230	165	113	6"	150	280	514	394	225
2"	50	155	230	178	122						

SPECIFICATIONS

Size range 15A~250A

Blow-out proof stem

Anti-Static design is standard

Wall thickness ASME B16.42

Temperature range -29°C to 232°C

Face to face JIS B 2002

Flange dimensions JIS B 2239

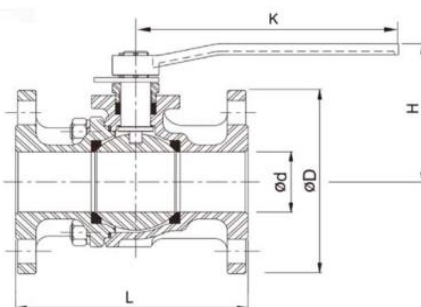
Mounting pad ISO 5211

MATERIALS LIST

Designation	Material
BODY	FCD 450
CAP	FCD 450
BALL	1/2"~1" ASTM A276 GR.304
	ASTM A351 GR.CF8
	1 1/4"~6" ASTM A351 GR.CF8
STEM	SUS304/SUS316/SUS316L
SEAT	PTFE
HANDLE	CF8 / WCB

TWO-PIECE FLANGE BALL VALVES

F603 PN16



DIMENSIONS UNIT:mm

SIZE	ød	øD	H	L	K	SIZE	ød	øD	H	L	K
1/2"	15	95	73	130	145	3"	80	200	151	310	320
3/4"	20	105	79	150	145	4"	100	220	165	350	320
1"	25	115	91	160	165	5"	125	250	207.5	400	514
1-1/4"	32	140	94	180.3	165	6"	150	285	225	480	514
1-1/2"	38	150	113	200	230	8"	200	340	290.4	600	1000
2"	50	165	122	230	230	10"	250	405	347	730	1000
2-1/2"	65	185	144	290	230						

SPECIFICATIONS

Size range DN15~DN250

Blow-out proof stem / Full port

Anti-Static design is standard

Valve body design ASME B16.34

Temperature range -29° to 232°F

Flange dimensions EN1092-1

Mounting pad ISO 5211

Pressure rating PN16

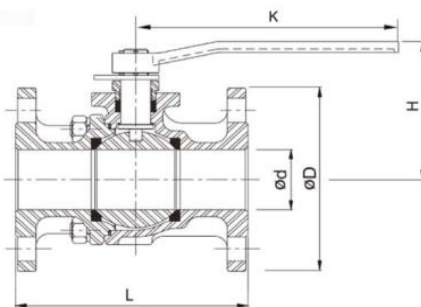
Face to face EN 558

MATERIALS LIST

Designation	Material
BODY & CAP	1.4308/1.4408/1.0619
SEAT	TFM-1600
HANDLE	1/2"~6" CF8/WCB 8"~10" WPB SCH40-1" PIPE
BALL	1.4308/1.4408
STEM	SUS304/SUS316/SUS316L

TWO-PIECE FLANGE BALL VALVES

F604 JIS-20K



DIMENSIONS UNIT:mm

SIZE	ød	øD	H	L	K	SIZE	ød	øD	H	L	K
1/2"	15	95	73	140	145	2"	50	155	122	216	230
3/4"	20	100	79	152	145	2-1/2"	65	175	144	241	230
1"	25	125	91	165	165	3"	80	200	156	282	320
1-1/4"	32	135	94	178	165	4"	100	225	170	305	320
1-1/2"	38	140	113	190	230						

SPECIFICATIONS

Size range 15A~250A

Blow-out proof stem / Full port

Anti-static stem design

Valve body design

ASME B16.34 CLASS 300

Temperature range -29°C to 232°F

Flange dimensions JIS B2220-20K-RF

Face to face JIS B2002

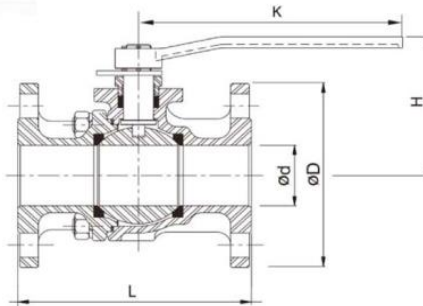
Mounting pad ISO 5211

MATERIALS LIST

Designation	Material
BODY & CAP	SCS13A/SCS14A/SCPH2
SEAT	TFM-1600
HANDLE	CF8/WCB
BALL	ASTM A351 Gr.CF8/CF8M
STEM	SUS304/SUS316

TWO-PIECE FLANGE BALL VALVES

F606 CLASS 300 LB



DIMENSIONS UNIT:mm

SIZE	ød	øD	H	L	K	SIZE	ød	øD	H	L	K
1/2"	15	95	73	140	145	2"	50	165	122	216	230
3/4"	20	115	79	152	145	2-1/2"	65	190	144	241	230
1"	25	125	91	165	165	3"	80	210	156	282	320
1-1/4"	32	135	94	178	165	4"	100	255	170	305	320
1-1/2"	38	155	113	190	230						

SPECIFICATIONS

Size range 1/2"~4"

Blow-out proof stem / Full port

Anti-Static design is standard

Valve body design

ASME B16.34 CLASS 300

Temperature range -29° to 232°F

Flange dimensions

ASME B16.5 CLASS 300 RF

Mounting pad ISO 5211

Pressure rating

ASME B16.34 CLASS 300

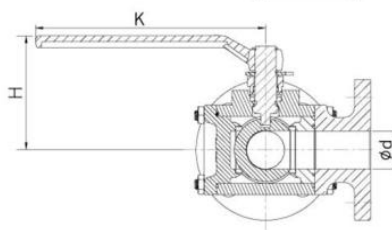
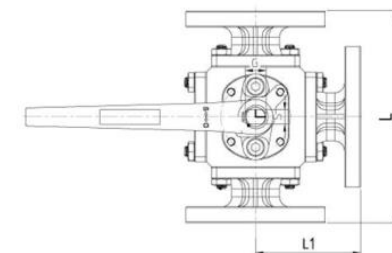
Face to face ASME B16.10 CLASS

MATERIALS LIST

Designation	Material
BODY & CAP	CF8/CF8M/WCB
SEAT	TFM-1600
HANDLE	CF8/WCB
BALL	ASTM A351 Gr.CF8/CF8M
STEM	SUS304/SUS316

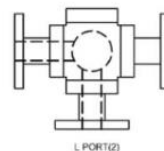
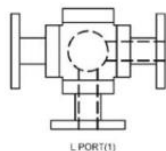
THREE-WAY FLANGE BALL VALVES

BBW602 JIS 10K



DIMENSIONS UNIT:mm

SIZE	ød	K	L	L1	H
1-1/2"	38	200	211	105.5	114
2-1/2"	63	325	320	160	146



SPECIFICATIONS

Ball L-PORT

Blow-out proof stem / Full port

Anti-Static design is standard

Wall thickness ASME B16.42

Temperature range -29° to 232°F

Flange dimensions JIS 10K B 2239

Mounting pad ISO 5211

MATERIALS LIST

Designation	Material
BODY	FCD 450
CAP	FCD 450
STEM	AISI-304
BALL	ASTM-A351-CF8
SEAT	PTFE
BLIND CAP	FCD 450
HANDLE	ASTM-A216-WCB