

STAINLESS & CARBON STEEL VALVES



**GOLDEN HIGHPOPE INDUSTRIAL INC.
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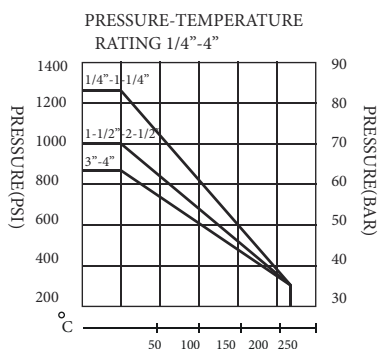
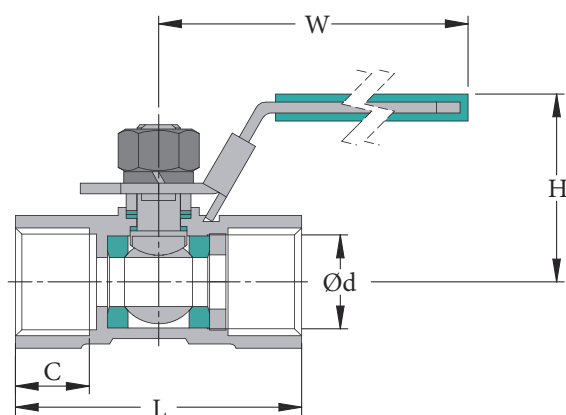


1-PC BALL VALVE REDUCE PORT 1000WOG PN63

V-1L

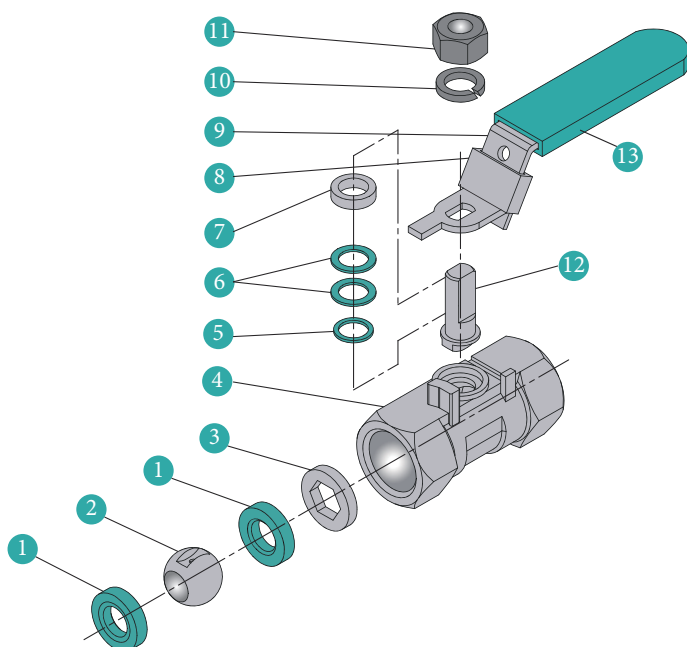


SIZE		Ød	L	W	H	C
1/4"	DN8	5	40	75	28	10
3/8"	DN10	7	45	90	31	10.5
1/2"	DN15	9	57	95	34	13.5
3/4"	DN20	12.5	60	95	43	14
1"	DN25	16	72	111	52	16.5
1-1/4"	DN32	20	78	124	52	19
1-1/2"	DN40	25	83	139	65	19
2"	DN50	32	99	152	70	23.5
2-1/2"	DN65	38	130	200	84	31.5
3"	DN80	50	150	220	108	32
4"	DN100	65	192	300	117.5	44



- ☑ 1-PC Design
- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ Reduce Port
- ☑ 1000PSI PN63
- ☑ Standard: ASME B16.34
- ☑ All kinds Thread Standard
- ☑ Locking Lever Available
- ☑ Testing: API598

PART LIST

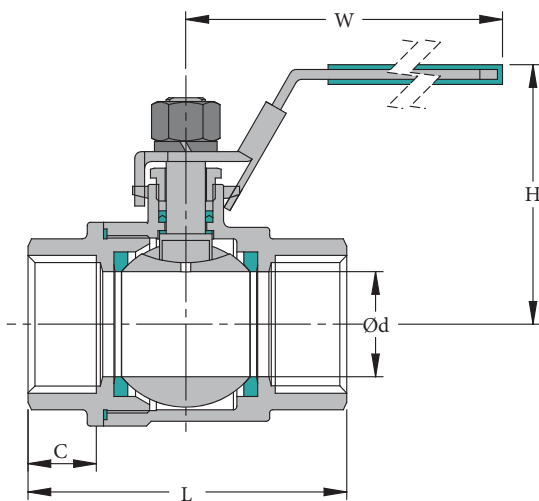


MATERIAL LIST				
ITEM	PART NAME	MATERIAL		
1	BALL SEAT	PTFE	R-PTFE	
2	BALL	SS316	SS304	
3	END PLUG	SS316	SS304	
4	BODY	CF8M	CF8	WCB
5	THRUST WASHER	PTFE		
6	STEM PACKING	PTFE		
7	GLAND	SS304		
8	LOCKING PIN	SS304		
9	HANDLE	S.S		
10	SPRING WASHER	SS304		
11	STEM NUT	SS304		
12	STEM	SS316	SS304	
13	HANDLE COVER	PLASTIC		

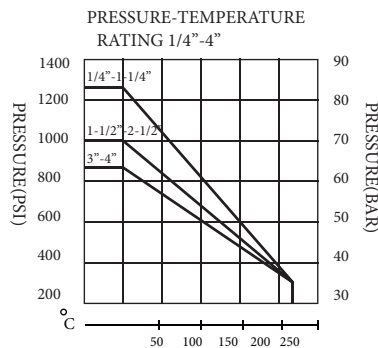


2-PC BALL VALVE FULL PORT 1000WOG PN63 ECONOMIC PATTERN

BV-2L

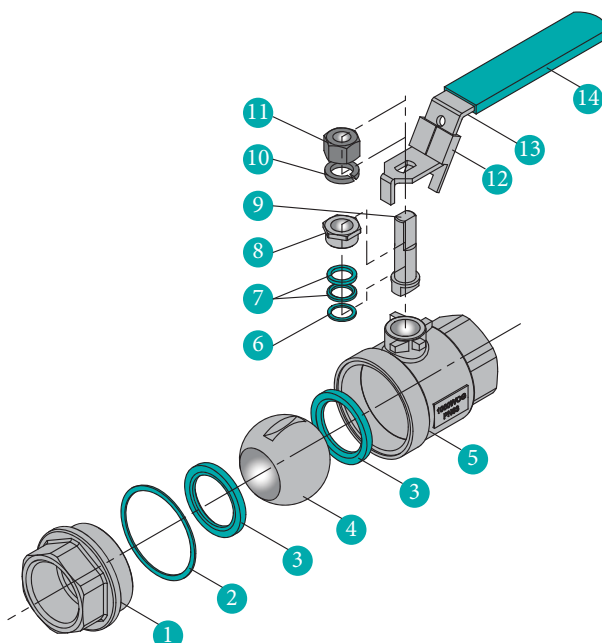


SIZE		Ød	L	W	H	C
1/4"	DN8	10.5	48	100	51.5	10
3/8"	DN10	10.5	48	100	51.5	10
1/2"	DN15	14	54	100	57.5	12.5
3/4"	DN20	19	60	120	64.5	13
1"	DN25	24	72	120	68	15.5
1-1/4"	DN32	31	87	150	79.5	17.5
1-1/2"	DN40	38	96	170	90.5	18
2"	DN50	48	108	170	98	18
2-1/2"	DN65	64	136	250	122	24
3"	DN80	76	164	250	132	27.5
4"	DN100	98	193	300	163	28

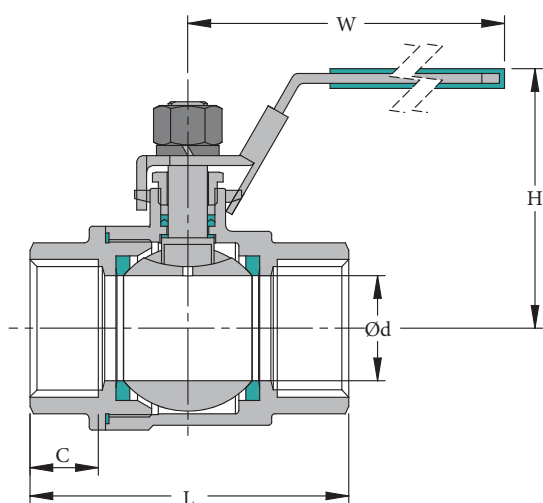


- ☑Economic Pattern
- ☑Investment Casting Body
- ☑Blow-out Proof Stem
- ☑Full Port
- ☑1000PSI PN63
- ☑Standard:ASME B16.34
- ☑All kinds Thread Standard
- ☑Locking Lever Available
- ☑Testing:API598

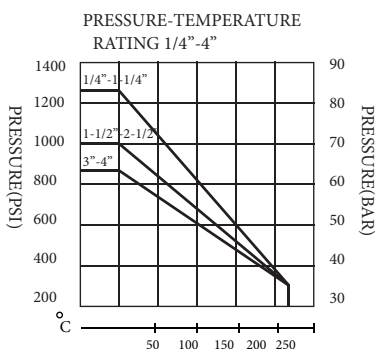
PART LIST



MATERIAL LIST				
ITEM	PART NAME	MATERIAL		
1	CAP	CF8M	CF8	WCB
2	BODY GASKET	PTFE		
3	BALL SEAT	PTFE		PTFE+15%FV
4	BALL	SS316		SS304
5	BODY	CF8M	CF8	WCB
6	THRUST WASHER	PTFE		
7	STEM PACKING	SS304		
8	STOP NUT	SS304		
9	STEM	SS316		SS304
10	SPRING WASHER	SS304		
11	STEM NUT	SS304		
12	HANDLE LOCKER	SS304		
13	HANDLE	S.S		
14	HANDLE COVER	PLASTIC		

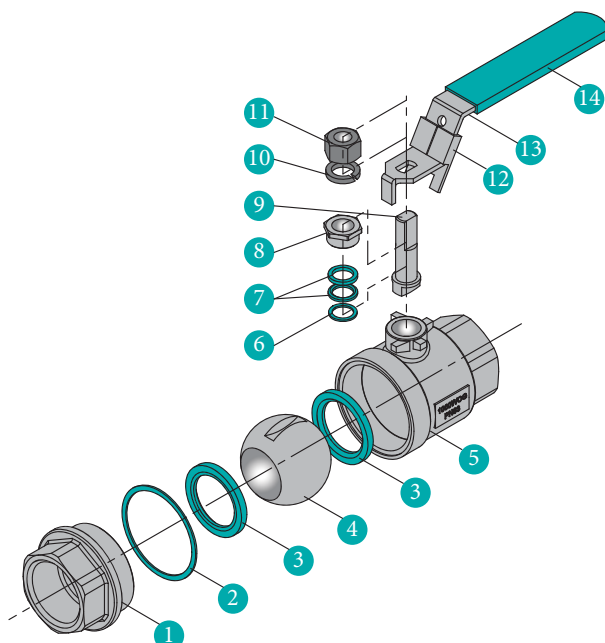


SIZE		Ød	L	W	H	C
1/4"	DN8	11.5	55	98	56	10
3/8"	DN10	12.5	55	98	56	10
1/2"	DN15	15	61	99	60	14
3/4"	DN20	20	70	108	67.5	15
1"	DN25	24	82.5	136	73	20
1-1/4"	DN32	32	95	137	79	20
1-1/2"	DN40	38	107.5	171.5	90	21
2"	DN50	48	120	171.5	98	21
2-1/2"	DN65	64	161	215	129	26
3"	DN80	80	178	240	140	31
4"	DN100	98	220	317	153.5	37



- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ Full Port
- ☑ 1000PSI PN63
- ☑ Standard: ASME B16.34
- ☑ All kinds Thread Standard
- ☑ Locking Lever Available
- ☑ Testing: API598

PART LIST

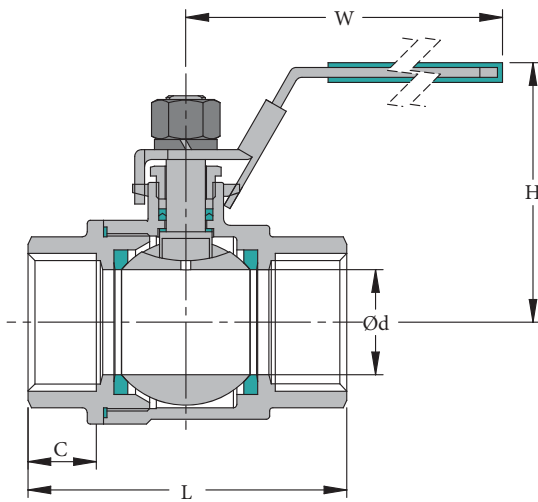


MATERIAL LIST				
ITEM	PART NAME	MATERIAL		
1	CAP	CF8M	CF8	WCB
2	BODY GASKET	PTFE		
3	BALL SEAT	PTFE		PTFE+15%FV
4	BALL	SS316		SS304
5	BODY	CF8M	CF8	WCB
6	THRUST WASHER	PTFE		
7	STEM PACKING	SS304		
8	STOP NUT	SS304		
9	STEM	SS316		SS304
10	SPRING WASHER	SS304		
11	STEM NUT	SS304		
12	HANDLE LOCKER	SS304		
13	HANDLE	S.S		
14	HANDLE COVER	PLASTIC		

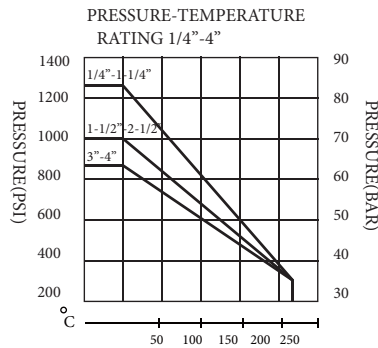


2-PC BALL VALVE FULL PORT 1000WOG PN63 DIN STANDARD(M3)

LVM3-2

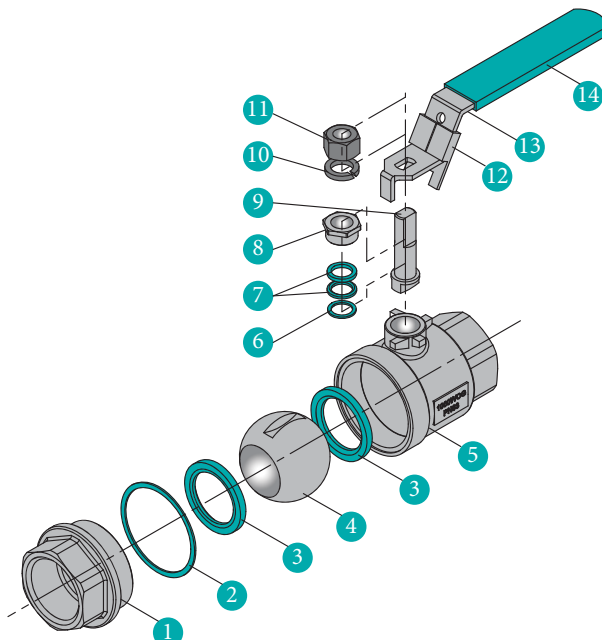


SIZE		Ød	L	W	H	C
1/4"	DN8	10.5	50	100	52	10.5
3/8"	DN10	10.5	60	100	57	11.5
1/2"	DN15	15	75	120	63	16
3/4"	DN20	19.5	80	120	67	16
1"	DN25	24	90	150	78.5	19
1-1/4"	DN32	31.5	110	150	83.5	22
1-1/2"	DN40	38	120	170	96	23
2"	DN50	48	140	170	102	25
2-1/2"	DN65	64	185	250	130	36
3"	DN80	78	205	250	148	36
4"	DN100	98	240	280	180	47



- ☑Economic Pattern
- ☑Investment Casting Body
- ☑Blow-out Proof Stem
- ☑Full Port
- ☑1000PSI PN63
- ☑Face to Face;DIN3202-M3
- ☑Standard:ASME B16.34
- ☑All kinds Thread Standard
- ☑Locking Lever Available
- ☑Testing:API598

PART LIST



MATERIAL LIST				
ITEM	PART NAME	MATERIAL		
1	CAP	CF8M	CF8	WCB
2	BODY GASKET	PTFE		
3	BALL SEAT	PTFE		PTFE+15%FV
4	BALL	SS316		SS304
5	BODY	CF8M	CF8	WCB
6	THRUST WASHER	PTFE		
7	STEM PACKING	SS304		
8	STOP NUT	SS304		
9	STEM	SS316		SS304
10	SPRING WASHER	SS304		
11	STEM NUT	SS304		
12	HANDLE LOCKER	SS304		
13	HANDLE	S.S		
14	HANDLE COVER	PLASTIC		

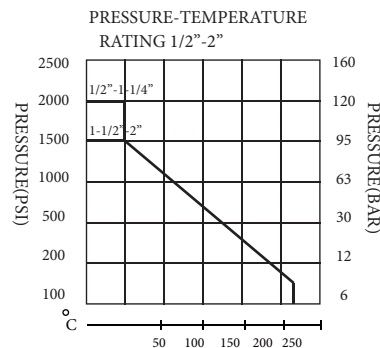
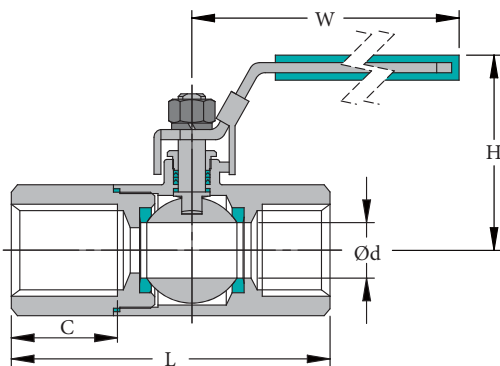


2-PC BALL VALVE REDUCE PORT 2000WOG PN125

R-2

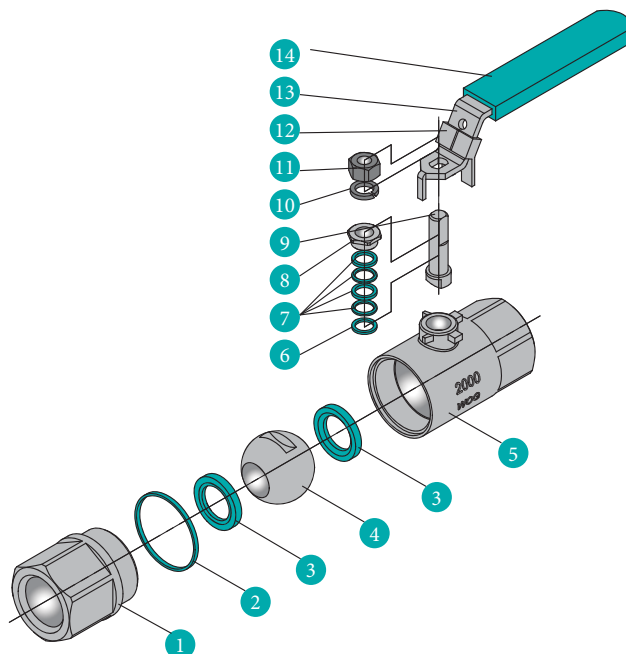


SIZE		Ød	L	W	H	C
1/2"	DN15	12.5	63.5	98	55	15
3/4"	DN20	17	72.5	110	62	17
1"	DN25	22	87.5	150	72	20
1-1/4"	DN32	25	96	143	80	19
1-1/2"	DN40	31.5	105	172	90	21
2"	DN50	38	119	172	94	23



- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ 2000PSI/PN125
- ☑ Reduce Port Design
- ☑ Standard: ASME B16.34
- ☑ Locking Lever Available
- ☑ Testing: API598/SP-110

PART LIST



MATERIAL LIST				
ITEM	ITEM	MATERIAL		
1	CAP	CF8M	CF8	WCB
2	BODY GASKET	PTFE		
3	BALL SEAT	PTFE		R-PTFE
4	BALL	SS316		SS304
5	BODY	CF8M	CF8	WCB
6	THRUST WASHER	PTFE		
7	V-RING PACKING	PTFE		
8	STOP NUT	SS304		
9	STEM	SS316		SS304
10	SPRING WASHER	SS304		
11	STEM NUT	SS304		
12	HANDLE LOCKER	SS304		
13	HANDLE	S.S		
14	HANDLE COVER	PLASTIC		

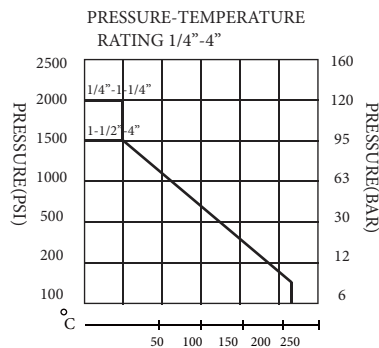
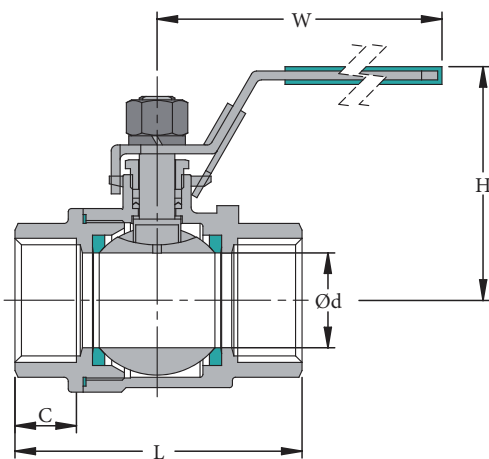


2-PC BALL VALVE FULL PORT 2000WOG PN125

V-2H

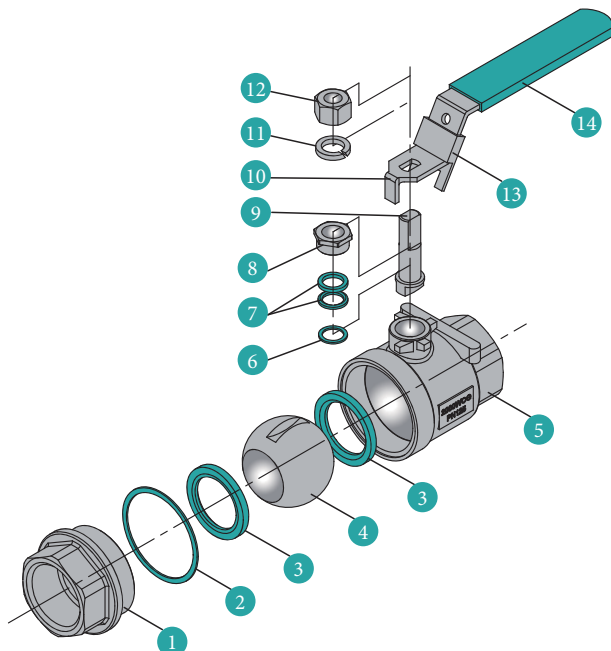


SIZE		Ød	L	W	H	C
1/4"	DN8	10.5	53	99	56	10.5
3/8"	DN10	12	53	99	56	10.5
1/2"	DN15	14.8	61.5	99	62	14
3/4"	DN20	19.8	70	109	69	14.5
1"	DN25	23.8	82.5	137.5	75	17.5
1-1/4"	DN32	31.8	95	137.5	80.5	18.5
1-1/2"	DN40	37.8	107.5	171.5	93.5	19
2"	DN50	47.8	121	171.5	104.5	21
2-1/2"	DN65	63.8	160	206	128	26
3"	DN80	79.8	178	241	140	29
4"	DN100	97.8	217	306	166	34.5



- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ 2000PSI/PN125
- ☑ Full Port Design
- ☑ Standard: ASME B16.34
- ☑ Locking Lever Available
- ☑ Testing: API598/SP-110

PART LIST



MATERIAL LIST				
ITEM	ITEM	MATERIAL		
1	CAP	CF8M	CF8	WCB
2	BODY GASKET	PTFE		
3	BALL SEAT	PTFE		R-PTFE
4	BALL	SS316		SS304
5	BODY	CF8M	CF8	WCB
6	THRUST WASHER	PTFE		
7	V-RING PACKING	PTFE		
8	STOP NUT	SS304		
9	STEM	SS316		SS304
10	HANDLE	S.S		
11	SPRING WASHER	SS304		
12	STEM NUT	SS304		
13	HANDLE LOCKER	SS304		
14	HANDLE COVER	PLASTIC		

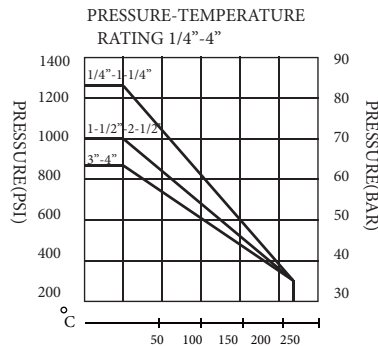
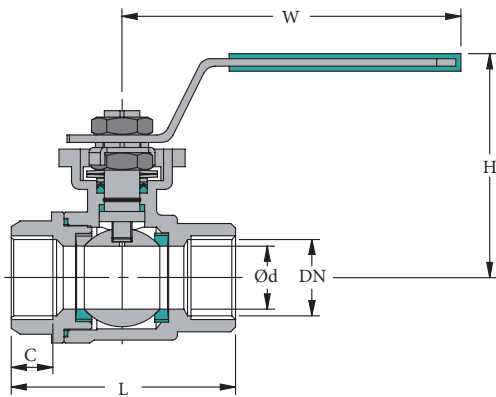


2-PC BALL VALVE FULL PORT 1000WOG PN63 ISO-DIRECT MOUNTING PAD

V-2DM

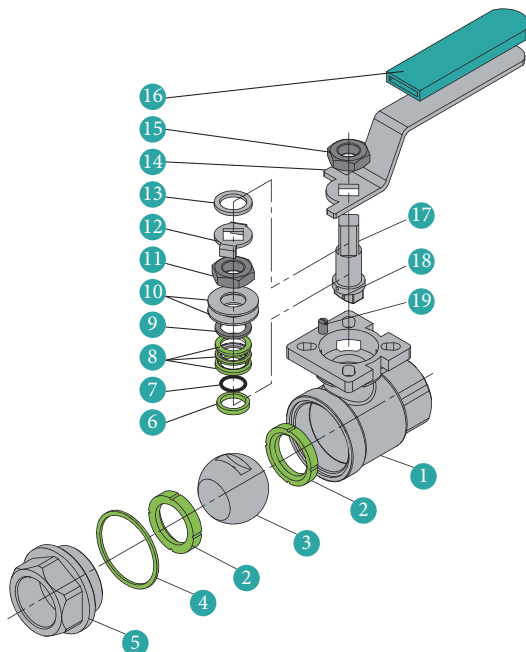


SIZE	Ød	L	W	C	H
1/4"	DN8	12.5	60	12	63
3/8"	DN10	12.5	60	14	63
1/2"	DN15	15	76	19	70
3/4"	DN20	20	80	18	78
1"	DN25	25	90	19	82
1-1/4"	DN32	32	110	24.5	88
1-1/2"	DN40	40	120	25	93
2"	DN50	50	140	26.5	103
2-1/2"	DN65	65	185	40	165
3"	DN80	80	205	42.5	180
4"	DN100	98	240	43.5	205

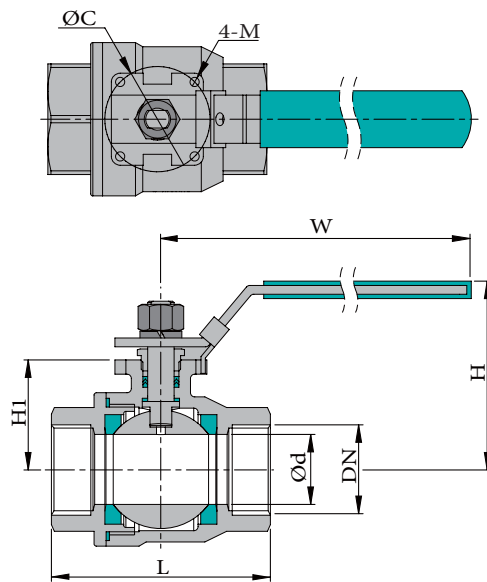


- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ Anti-Static Device Available
- ☑ Full Port
- ☑ 1000PSI PN63
- ☑ Bellville Washer for Self-Adjustment
- ☑ Standard: ASME B16.34
- ☑ All kinds Thread Standard
- ☑ Locking Lever Available
- ☑ ISO5211 Direct Mounting Pad
- ☑ Testing: API598

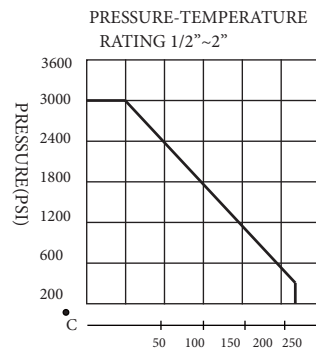
PART LIST



MATERIAL LIST				
ITEM	PART NAME	PART NAME		
1	BODY	CF8M	CF8	WCB
2	BALL SEAT	PTFE		PTFE+15%FV
3	BALL	SS316		SS304
4	BODY GASKET	PTFE		
5	CAP	CF8M	CF8	WCB
6	THRUST WASHER	PTFE		
7	O-RING	VITON		
8	STEM SEALS	PTFE		
9	GLAND	SS304		
10	BELLEVILLE WASHER	SS301		
11	STOP NUT	SS304		
12	LOCKING WASHER	SS304		
13	WASHER	SS304		
14	HANDLE	S.S		
15	STEM NUT	SS304		
16	HANDLE SLEEVE	PLASTIC		
17	STEM	SS316	SS304	
18	ANTI-STATIC DEVICE	SS304		
19	PIN	SS304		

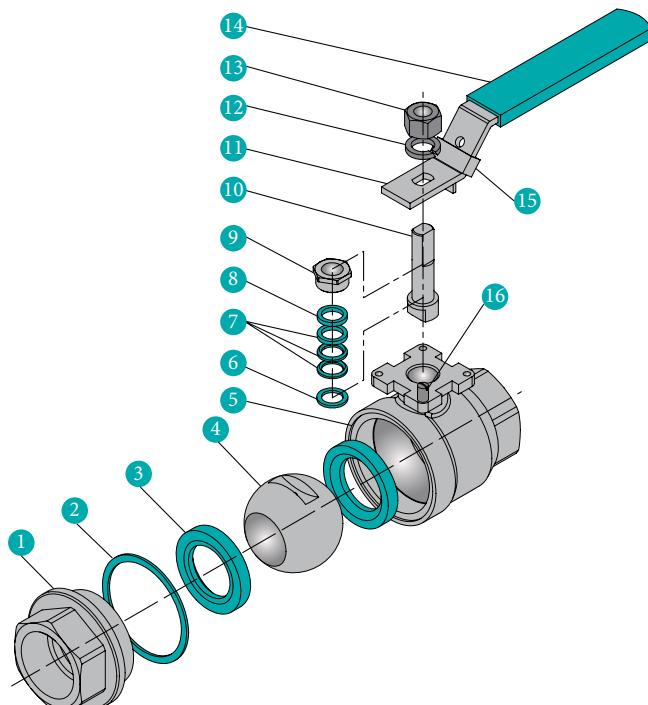


SIZE	DN	Ød	H	H1	L	W	ØC	M
1/4"	8	12.5	54	24	60	120	36	M5
3/8"	10	12.5	54	24	60	120	36	M5
1/2"	15	15	58	29	75	120	36	M5
3/4"	20	20	72	32.5	80	145	42	M5
1"	25	25.4	76	38	90	145	42	M5
1-1/4"	32	32	85	45	110	178	50	M6
1-1/2"	40	38.1	90	50.5	120	178	50	M6
2"	50	50	125	63	140	245	70	M8



- ☒ Investment Casting Body
- ☒ Blow-out Proof Stem
- ☒ Full Port
- ☒ 3000PSI
- ☒ Standard: ASME B16.34
- ☒ All Thread Standard Available
- ☒ ISO5211 Mounting Pad
- ☒ Testing: API598/SP-110

PART LIST

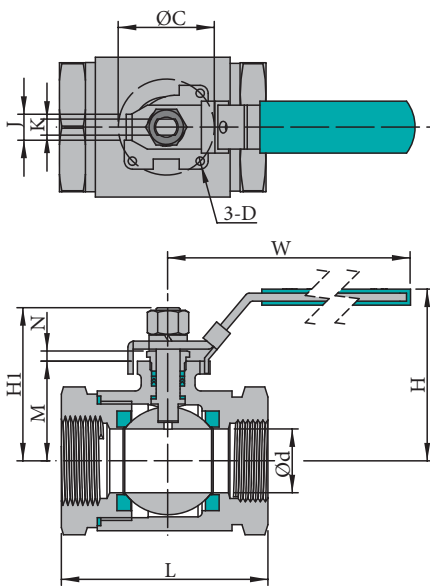


MATERIAL LIST			
ITEM	PART NAME	MATERIAL	
1	CAP	CF8M	CF8
2	BODY GASKET	PTFE	
3	BALL SEAT	TFM1600	
4	BALL	SS316	SS304
5	BODY	CF8M	CF8
6	THRUST WASHER	PTFE	
7	STEM PACKING	PTFE	
8	GLAND	PTFE	
9	STOP NUT	SS304	
10	STEM	SS316	SS304
11	HANDLE	S.S	
12	SPRING WASHER	SS304	
13	STEM NUT	SS304	
14	HANDLE COVER	PLASTIC	
15	LOCKING DEVICE	SS304	
16	STOP PIN	SS304	

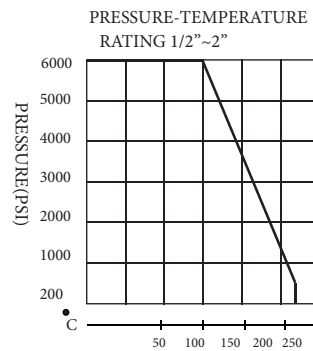


2-PC BALL VALVE FULL PORT 6000PSI ISO MOUNTING PAD

BT-2HM

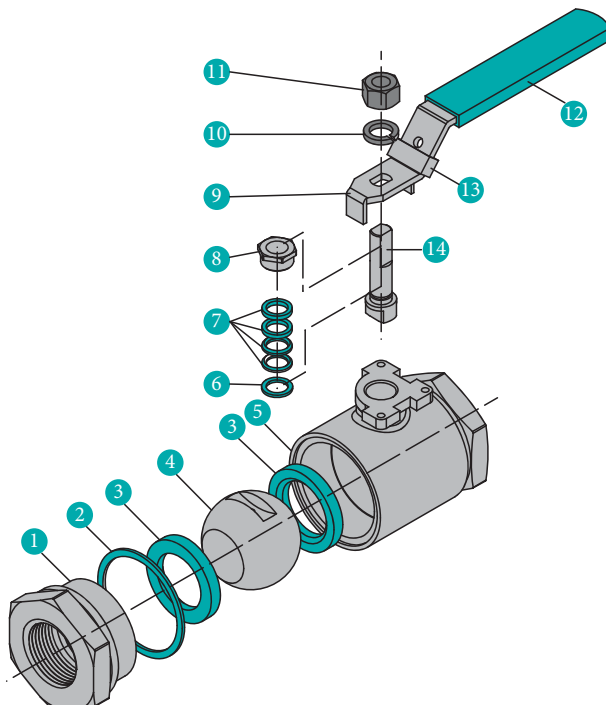


SIZE	Ød	L	W	H	H1	M	N	J	K	ØC	D	ISO5211	CV
1/4"	6	75	127	56.4	40	25.4	5	7.9	5	36	M5	F03	10
1/2"	15	100	127	56.4	40	25.4	5	7.9	5	36	M5	F03	16
3/4"	20	110	148	73.5	54	33.5	5.3	11	7	42	M5	F04	32
1"	25	120	208	89	71.5	44.7	7.1	14	9.5	50	M6	F05	62
1-1/2"	40	130	360	108	98	64.3	7.9	15.8	10	70	M8	F07	140
2"	40	158	360	108	98	64.3	7.9	15.8	10	70	M8	F07	120



- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ Locking Device Handle
- ☑ 6000PSI
- ☑ Floating Ball
- ☑ Standard: ASME B16.34
- ☑ Fire Safe Design
- ☑ ISO5211 Mounting Pad
- ☑ All Thread Standard Available
- ☑ Testing: API598/SP110

PART LIST



MATERIAL LIST				
ITEM	ITEM	ITEM		
1	CAP	CF8M	CF8	WCB
2	GASKET	PTFE		
3	BALL SEAT	DELTRIN		
4	BALL	SS316	SS304	
5	BODY	CF8M	CF8	WCB
6	THRUST WASHER	PTFE+15GF		
7	STEM PACKING	GRAPHITE		
8	STOP NUT	SS304		
9	HANDLE	S.S		
10	SPRING WASHER	SS304		
11	STEM NUT	SS304		
12	HANDLE COVER	PLASTIC		
13	LOCKING DEVICE	SS304		
14	STEM	SS316	SS304	

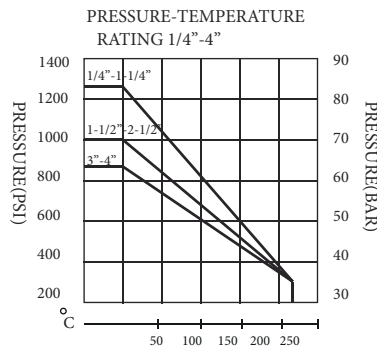
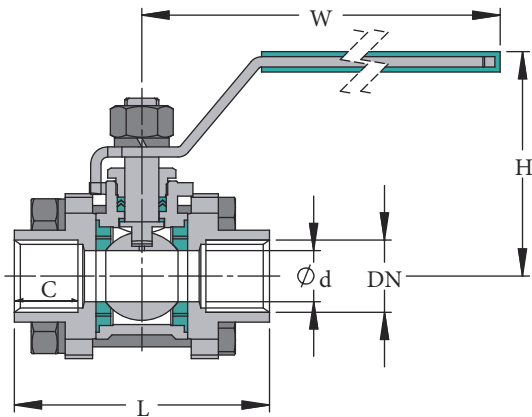


3-PC BALL VALVE FULL PORT 1000WOG PN63

V-3L

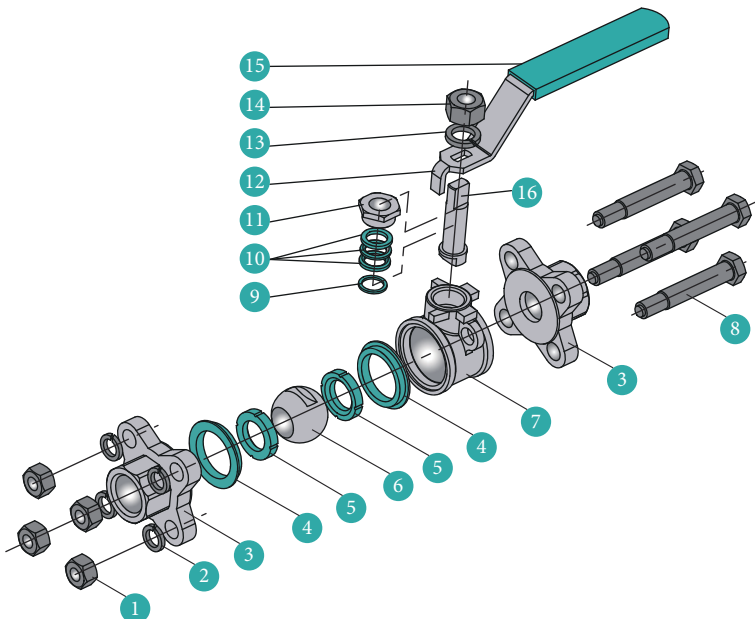


SIZE		L	Ød	H	W	C
INCH	DN					
1/4"	DN8	55	10.5	42	100	11
3/8"	DN10	55	10.5	42	100	11
1/2"	DN15	60	15	58.5	100	13.5
3/4"	DN20	70	20	64.5	120	14.5
1"	DN25	80	25	68	120	17
1-1/4"	DN32	92	32	79.5	150	18.5
1-1/2"	DN40	105	38	90.5	170	19
2"	DN50	125	48	98	170	22.5
2-1/2"	DN65	160	64	123	210	29
3"	DN80	180	76	133.5	250	29.5
4"	DN100	225	98	162.5	300	33



- ☑Economic Size
- ☑Investment Casting Body
- ☑Blow-out Proof Stem
- ☑Full Port
- ☑1000PSI PN63
- ☑Standard:ASME B16.34
- ☑All kinds Thread Standard
- ☑Locking Lever Available
- ☑Testing:API598

PART LIST



MATERIAL				
ITEM	ITEM	ITEM		
1	NUT	SS304		
2	SPRING WASHER	SS304		
3	CAP	CF8M	CF8	WCB
4	BODY GASKET	PTFE	PTFE+15%FV	
5	BALL SEAT	PTFE	PTFE+15%FV	
6	BALL	SS316	SS304	
7	BODY	CF8M	CF8	WCB
8	BOLT	SS304		
9	THRUST	PTFE		
10	STEM PACKING	PTFE		
11	STOP NUT	SS304		
12	HANDLE	S.S		
13	SPRING WASHER	SS304		
14	STEM NUT	SS304		
15	HANDLE COVER	PLASTIC		
16	STEM	SS316	SS304	

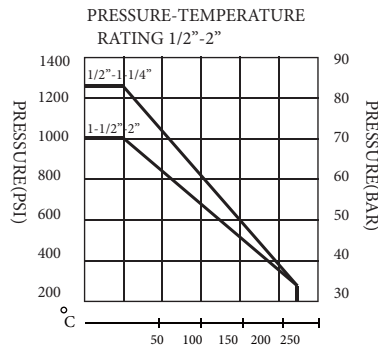
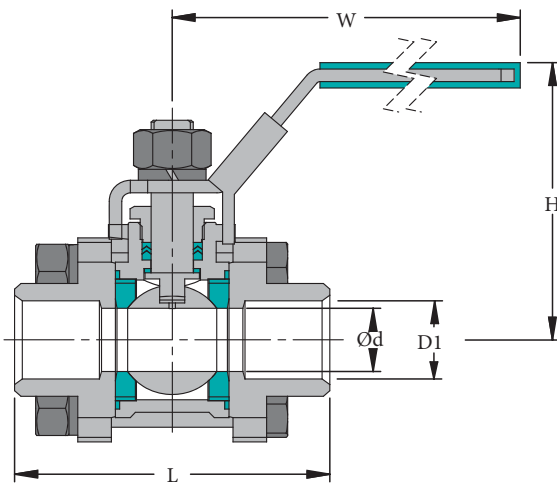


3-PC BALL VALVE FULL PORT 1000WOG PN63 BUTT WELDING END

V-3BW

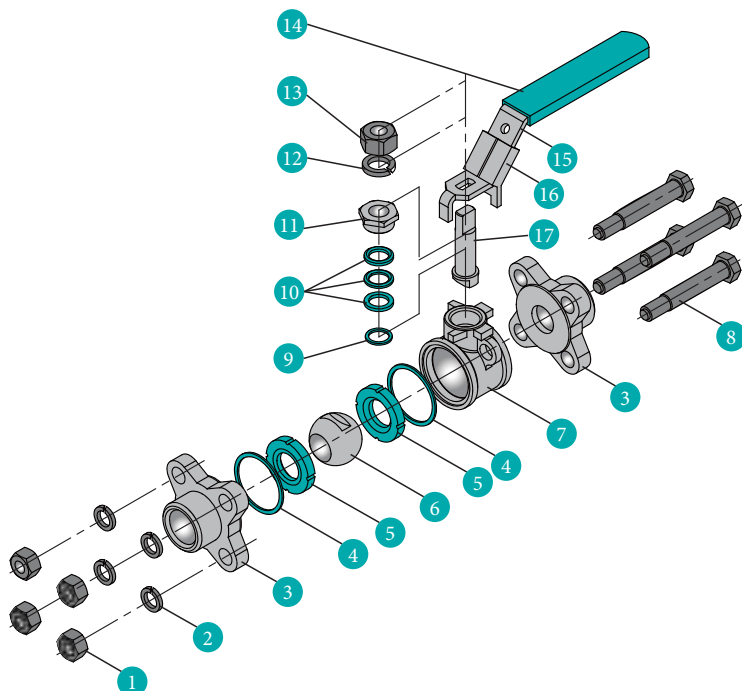


SIZE		Ød	D1	L	H	W
1/4"	DN8	10.5	10.5	55	42	102
3/8"	DN10	10.5	13	55	42	102
1/2"	DN15	15	16	65	58	101
3/4"	DN20	20	21	76.5	63	101
1"	DN25	24	26.5	86	76	137
1-1/4"	DN32	32	35	98	80	150
1-1/2"	DN40	38	41	114	93	175
2"	DN50	48	52	132	110	175
2-1/2"	DN65	64	66	164	124	215
3"	DN80	78	80.5	182	151	235
4"	DN100	98	104.6	235	167	313



- ☒ Investment Casting Body
- ☒ Blow-out Proof Stem
- ☒ Full Port
- ☒ 1000PSI PN63
- ☒ Butt Welding End Design
- ☒ Standard: ASME B16.34
- ☒ Locking Lever Available
- ☒ Testing: API598/SP-110

PART LIST

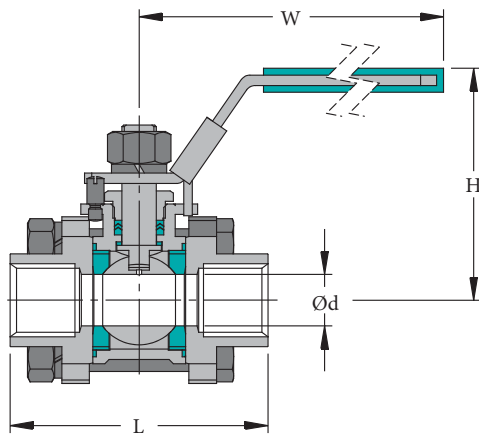


MATERIAL				
ITEM	PART NAME	ITEM		
1	NUT	SS304		
2	SPRING WASHER	SS304		
3	CAP	CF8M	CF8	WCB
4	BODY GASKET	PTFE		
5	BALL SEAT	PTFE	R-PTFE	
6	BALL	SS316	SS304	
7	BODY	CF8M	CF8	WCB
8	BOLT	SS304		
9	THRUST WASHER	PTFE		
10	V-RING PACKING	PTFE		
11	STOP NUT	SS304		
12	SPRING WASHER	SS304		
13	STEM NUT	SS304		
14	HANDLE COVER	PLASTIC		
15	HANDLE	S.S		
16	HANDLE LOCKER	SS304		
17	STEM	SS316	SS304	

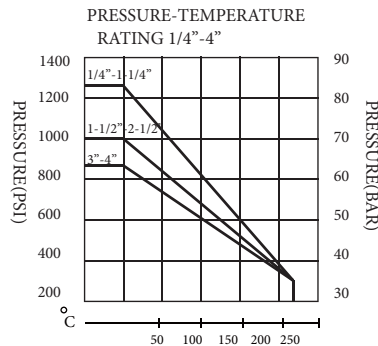


3-PC BALL VALVE FULL PORT 1000WOG PN63 ISO5211 MOUNTING PAD

V-3M

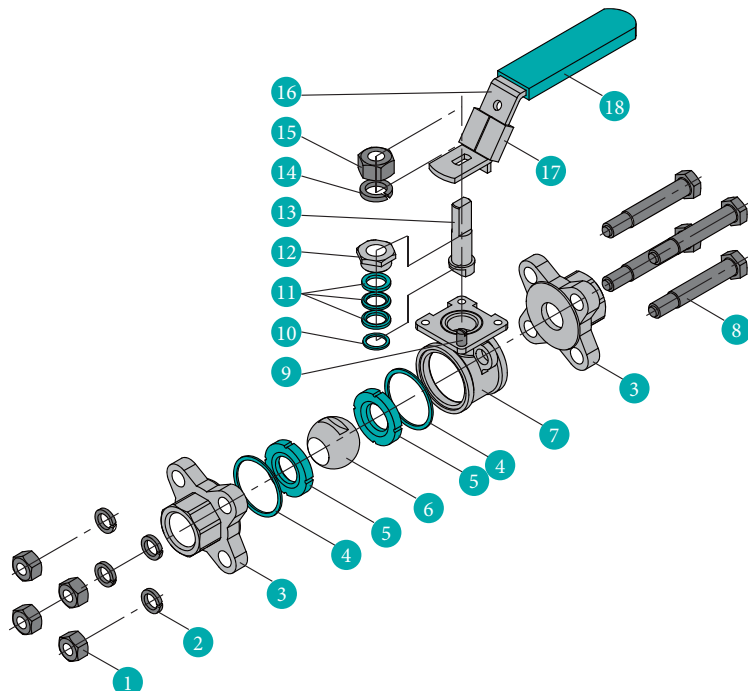


SIZE		Ød	L	W	H	ISO 5211
1/4"	DN8	12.5	50	116	64	F03
3/8"	DN10	12.5	60	116	64	F03
1/2"	DN15	15	75	130	69	F03
3/4"	DN20	20	80	135	73	F03
1"	DN25	25	90	143	73	F04
1-1/4"	DN32	32	110	143	80	F04
1-1/2"	DN40	38	120	182	87	F05
2"	DN50	50	140	182	96	F05
2-1/2"	DN65	65	185	265	129	F07
3"	DN80	80	205	265	141	F07
4"	DN100	98	240	315	173	F10



- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ 3-PC Design
- ☑ Full Port
- ☑ 1000PSI/PN63
- ☑ Face to Face DIN3202-M3
- ☑ Standard: ASME B16.34
- ☑ ISO 5211 Mounting Pad
- ☑ Testing: API598/SP-110

PART LIST



MATERIAL LIST				
ITEM	ITEM	MATERIAL		
1	NUT	SS304		
2	SPRING WASHER	SS304		
3	CAP	CF8M	CF8	WCB
4	BODY GASKET	PTFE		
5	BALL SEAT	PTFE		R-PTFE
6	BALL	SS316		SS304
7	BODY	CF8M	CF8	WCB
8	BOLT	SS304		
9	LOCKING BOLT	SS304		
10	THRUST WASHER	SS304		
11	V-RING PACKING	PTFE		
12	STOP NUT	SS304		
13	STEM	SS316		SS304
14	SPRING WASHER	SS304		
15	STEM NUT	SS304		
16	HANDLE	S.S		
17	LOCKING DEVICE	SS301		
18	HANDLE COVER	PLASTIC		

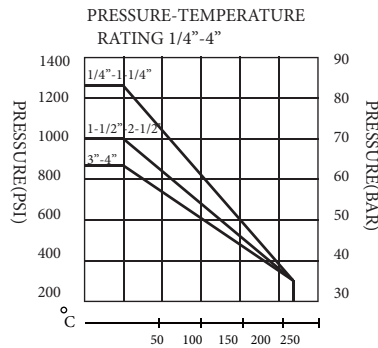
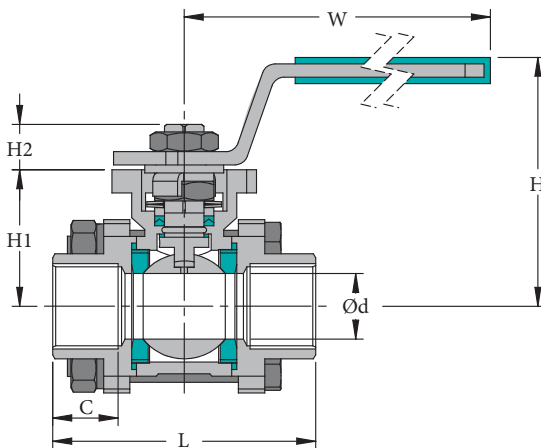


3-PC BALL VALVE FULL PORT 1000WOG PN63 ISO-DIRECT MOUNTING PAD

V-3DM

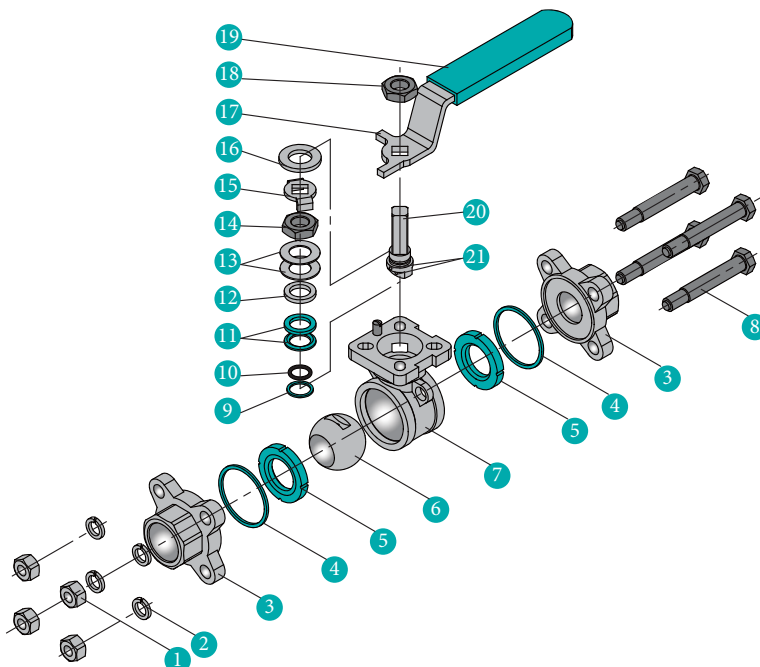


SIZE		Ød	L	H	W	C	H1	H2	ISO 5211
1/4"	DN8	8	60	63	120	13.5	32	7	F03/F04
3/8"	DN10	10	60	63	120	13.5	32	7	F03/F04
1/2"	DN15	15	75	70	120	17	40	7	F03/F04
3/4"	DN20	20	80	80	120	16.5	50	9	F03/F04
1"	DN25	25	90	90	135	19	57	11	F04/F05
1-1/4"	DN32	32	110	95	185	23.5	61	11	F04/F05
1-1/2"	DN40	38	120	105	185	23.5	76	14	F05/F07
2"	DN50	50	140	112	185	26	84	14	F05/F07
2-1/2"	DN65	65	185	174	248	40.5	100	16	F07/F10
3"	DN80	76	205	185	248	43	111	16	F07/F10
4"	DN100	100	240	205	310	43.5	130	16.5	F07/F10



- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ PN16-40/ANSI 150#/ANSI300#
- ☑ Full Port
- ☑ 1000PSI PN63
- ☑ Standard:ASME B16.34
- ☑ Locking Lever Available
- ☑ ISO5211 Direct Mounting Pad
- ☑ Testing:API598/SP-110

PART LIST



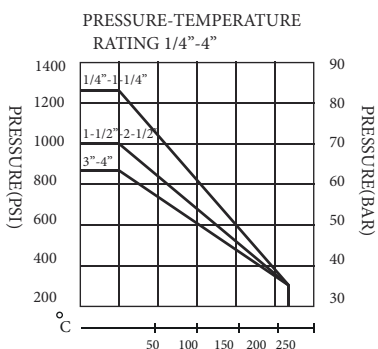
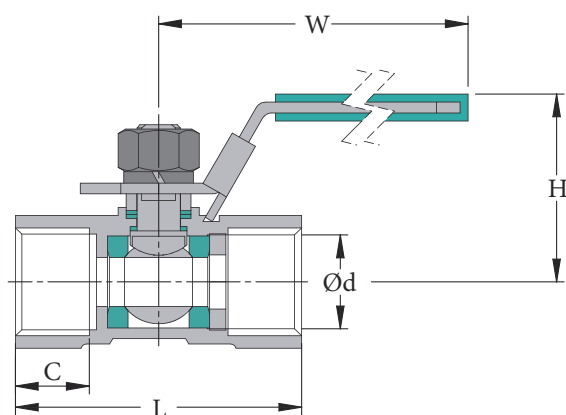
MATERIAL LIST				
ITEM	ITEM	MATERIAL		
1	NUT	SS304		
2	SPRING WASHER	SS301		
3	CAP	CF8M	CF8	WCB
4	BODY GASKET	PTFE		
5	BALL SEAT	PTFE		R-PTFE
6	BALL	SS316		SS304
7	BODY	CF8M	CF8	WCB
8	BOLT	SS304		
9	THRUST WASHER	PTFE		
10	O-RING	VITON		
11	STEM PACKING	PTFE		
12	GLAND	SS304		
13	BELLEVILLE WASHER	SS304		
14	STOP NUT	SS304		
15	LOCKING WASHER	SS304		
16	WASHER	SS304		
17	HANDLE	S.S		
18	STEM NUT	SS304		
19	HANDLE COVER	PLASTIC		
20	STEM	SS316	SS304	
21	ANTI-STACTIC DEVICE	SS301		

1-PC BALL VALVE REDUCE PORT 1000WOG PN63

KL-1L

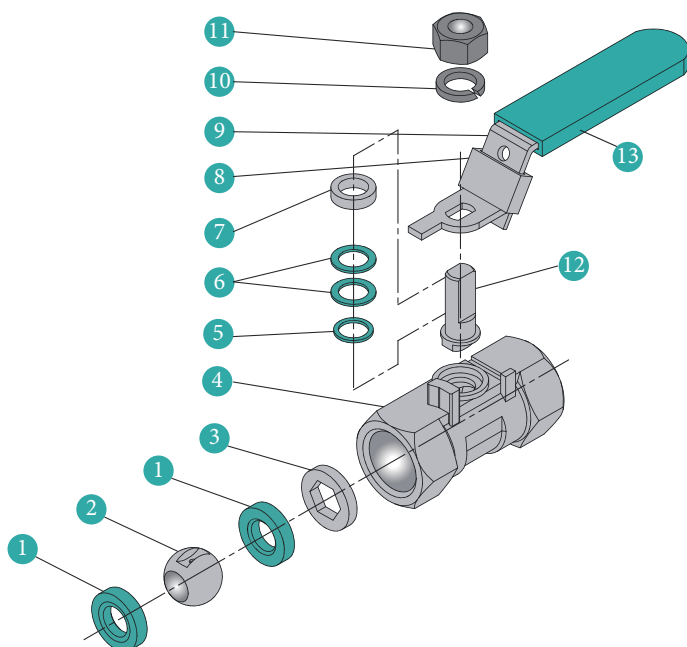


SIZE		Ød	L	W	H	C
1/4"	DN8	5	39	70	31	10
3/8"	DN10	7	44	80	36	10
1/2"	DN15	9	55	90	39	13
3/4"	DN20	12.5	58	100	45	14
1"	DN25	16	70	110	51	16.5
1-1/4"	DN32	20	77	125	59	19
1-1/2"	DN40	25	82	145	63	19
2"	DN50	32	99	145	69	23
2-1/2"	DN65	38	130	195	85	31
3"	DN80	50	148	210	110	32
4"	DN100	65	193	310	120	43



- ☑ 1-PC Design
- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ Reduce Port
- ☑ 1000PSI PN63
- ☑ Standard: ASME B16.34
- ☑ All kinds Thread Standard
- ☑ Locking Lever Available
- ☑ Testing: API598

PART LIST

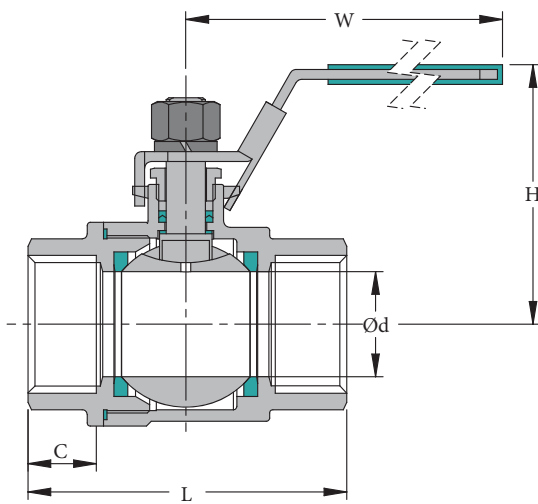


MATERIAL LIST				
ITEM	PART NAME	MATERIAL		
1	BALL SEAT	PTFE	R-PTFE	
2	BALL	SS316	SS304	
3	END PLUG	SS316	SS304	
4	BODY	CF8M	CF8	WCB
5	THRUST WASHER	PTFE		
6	STEM PACKING	PTFE		
7	GLAND	SS304		
8	LOCKING PIN	SS304		
9	HANDLE	S.S		
10	SPRING WASHER	SS304		
11	STEM NUT	SS304		
12	STEM	SS316	SS304	
13	HANDLE COVER	PLASTIC		

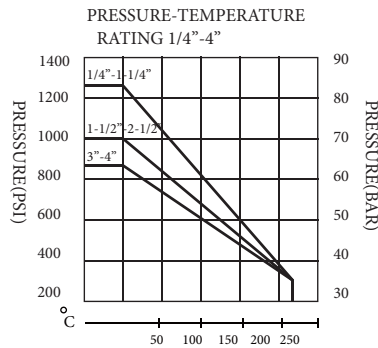


2-PC BALL VALVE FULL PORT 1000WOG PN63 ECONOMIC PATTERN

KL-2L

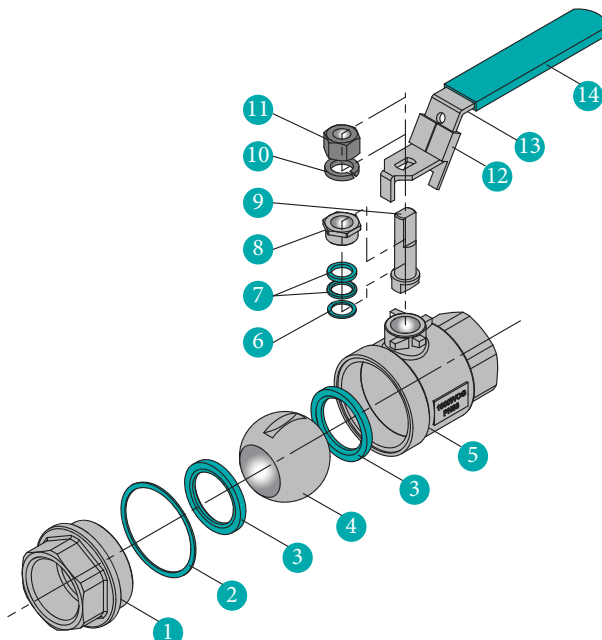


SIZE		Ød	L	W	H	C
1/4"	DN8	10.5	48	100	51.5	10
3/8"	DN10	10.5	48	100	51.5	10
1/2"	DN15	14	54	100	57.5	12.5
3/4"	DN20	19	60	120	64.5	13
1"	DN25	24	72	120	68	15.5
1-1/4"	DN32	31	87	150	79.5	17.5
1-1/2"	DN40	38	96	170	90.5	18
2"	DN50	48	108	170	98	18
2-1/2"	DN65	64	136	250	122	24
3"	DN80	76	164	250	132	27.5
4"	DN100	98	193	300	163	28



- ☑Economic Pattern
- ☑Investment Casting Body
- ☑Blow-out Proof Stem
- ☑Full Port
- ☑1000PSI PN63
- ☑Standard:ASME B16.34
- ☑All kinds Thread Standard
- ☑Locking Lever Available
- ☑Testing:API598

PART LIST



MATERIAL LIST				
ITEM	PART NAME	MATERIAL		
1	CAP	CF8M	CF8	WCB
2	BODY GASKET	PTFE		
3	BALL SEAT	PTFE		PTFE+15%FV
4	BALL	SS316		SS304
5	BODY	CF8M	CF8	WCB
6	THRUST WASHER	PTFE		
7	STEM PACKING	SS304		
8	STOP NUT	SS304		
9	STEM	SS316		SS304
10	SPRING WASHER	SS304		
11	STEM NUT	SS304		
12	HANDLE LOCKER	SS304		
13	HANDLE	S.S		
14	HANDLE COVER	PLASTIC		

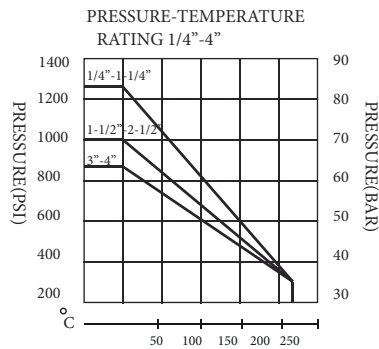
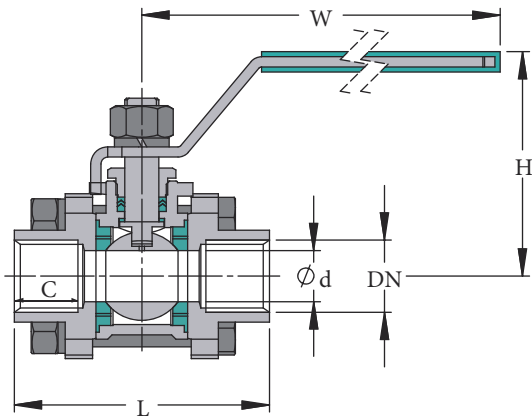


3-PC BALL VALVE FULL PORT 1000WOG PN63

KL-3L

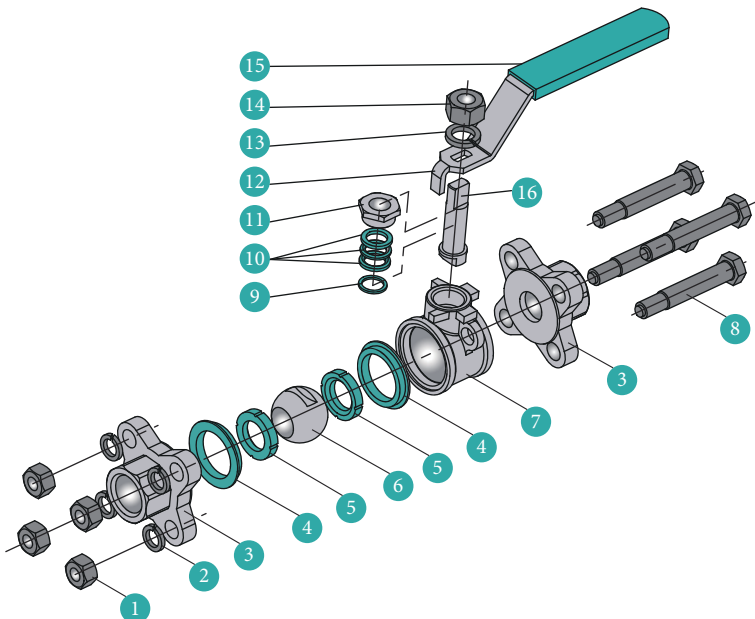


SIZE		L	Ød	H	W	C
INCH	DN					
1/4"	DN8	55	10.5	42	100	11
3/8"	DN10	55	10.5	42	100	11
1/2"	DN15	60	15	58.5	100	13.5
3/4"	DN20	70	20	64.5	120	14.5
1"	DN25	80	25	68	120	17
1-1/4"	DN32	92	32	79.5	150	18.5
1-1/2"	DN40	105	38	90.5	170	19
2"	DN50	125	48	98	170	22.5
2-1/2"	DN65	160	64	123	210	29
3"	DN80	180	76	133.5	250	29.5
4"	DN100	225	98	162.5	300	33



- ☑Economic Size
- ☑Investment Casting Body
- ☑Blow-out Proof Stem
- ☑Full Port
- ☑1000PSI PN63
- ☑Standard:ASME B16.34
- ☑All kinds Thread Standard
- ☑Locking Lever Available
- ☑Testing:API598

PART LIST

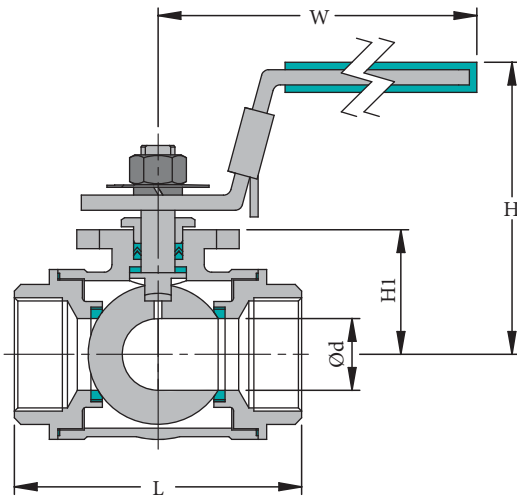


MATERIAL				
ITEM	ITEM	ITEM		
1	NUT	SS304		
2	SPRING WASHER	SS304		
3	CAP	CF8M	CF8	WCB
4	BODY GASKET	PTFE	PTFE+15%FV	
5	BALL SEAT	PTFE	PTFE+15%FV	
6	BALL	SS316	SS304	
7	BODY	CF8M	CF8	WCB
8	BOLT	SS304		
9	THRUST	PTFE		
10	STEM PACKING	PTFE		
11	STOP NUT	SS304		
12	HANDLE	S.S		
13	SPRING WASHER	SS304		
14	STEM NUT	SS304		
15	HANDLE COVER	PLASTIC		
16	STEM	SS316	SS304	

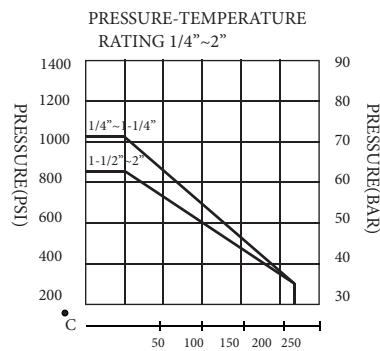


3-WAY BALL VALVE REDUCE PORT L/T PORT 1000WOG ISO5211 MOUNTING PAD

R-3TM
R-3LM

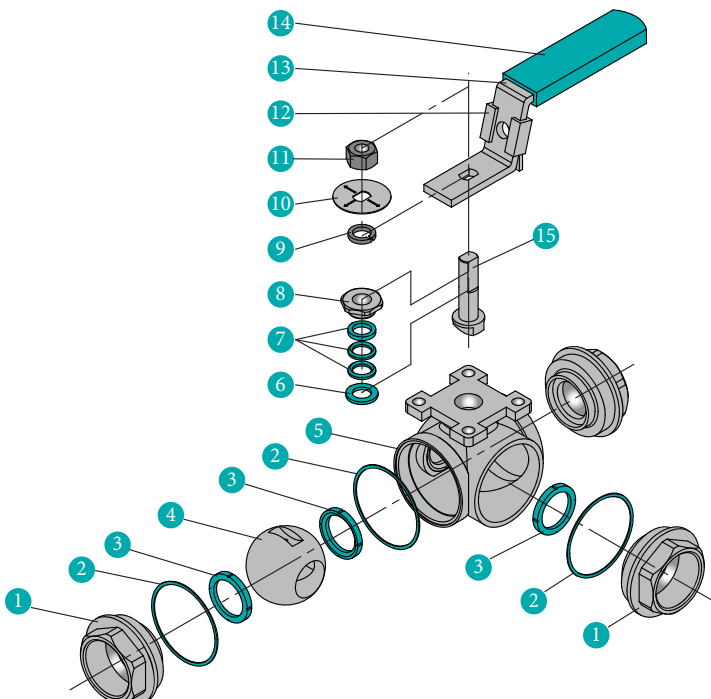


SIZE	DN	Ød	L	H	H1	W	ISO5211
1/4"	8	8	50	57.5	21	112	F03
3/8"	10	8	50	57.5	21	112	F03
1/2"	15	12	68	69	30	115	F03
3/4"	20	15	78	72	34	115	F04
1"	25	20	90	77	37	135	F04
1-1/4"	32	25	105	86	44.5	150	F04
1-1/2"	40	32	120	95	52.5	182	F05
2"	50	43	140	122	66.5	215	F07



- ☒ Investment Casting Body
- ☒ Blow-out Proof Stem
- ☒ Reduce Port
- ☒ 1000PSI/PN63
- ☒ Standard: ASME B16.34
- ☒ V-ring Packing for Self-Adjust
- ☒ ISO 5211 Mounting Pad
- ☒ L/T Port Available
- ☒ Testing: API598/SP-110

PART LIST

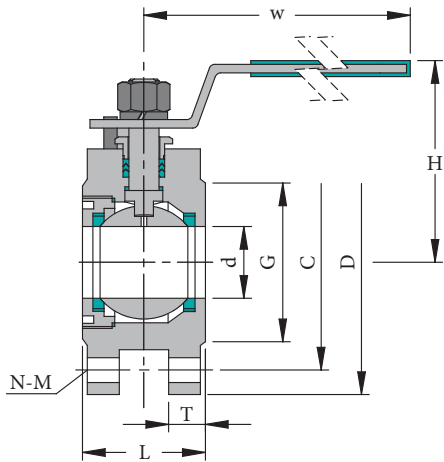


MATERIAL LIST			
ITEM	PART NAME	MATERIAL	
1	CAP	CF8M	CF8
2	BODY GASKET	PTFE	
3	BALL SEAT	PTFE	R-PTFE
4	BALL	SS316	SS304
5	BODY	CF8M	CF8
6	THRUST WASHER	PTFE	
7	STEM PACKING	PTFE	
8	STOP CAP	SS304	
9	SPRING WASHER	SS304	
10	DERECTION WASHER	ALUMINUM	
11	STEM NUT	SS304	
12	LOCKING DEVICE	SS304	
13	HANDLE	S.S	
14	HANDLE COVER	PLASTIC	
15	STEM	SS316	SS304

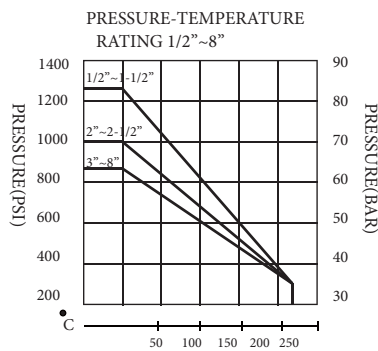


1-PC WAFER BALL VALVE FLANGE END PN16 ISO5211 MOUNTING PAD

W-1F

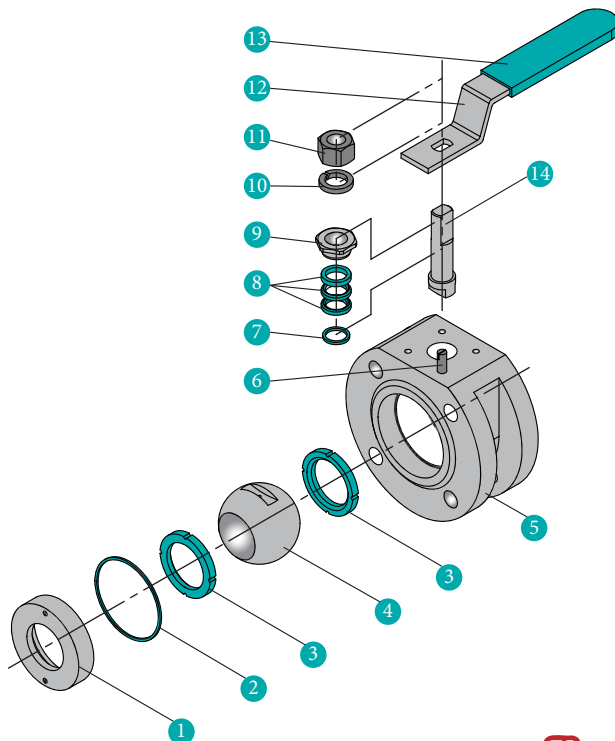


SIZE	Ød	L	H	W	ØG	ØC	ØD	N	M	T
DN15	15	40	72.5	131	45	65	95	4	M12	10
DN20	20	45	74.5	135	58	75	105	4	M12	12
DN25	23	54	83.5	150	68	85	115	4	M12	14.8
DN32	29	54	90	150	78	100	133	4	M16	14.8
DN40	38	62	97	184	88	110	150	4	M16	15
DN50	46	72	104	184	102	125	165	4	M16	15
DN65	56	90	132	265	122	145	185	4	M16	16.5
DN80	73	110	146	265	138	160	200	8	M16	18
DN100	93	135	185	312	157	180	224	8	M16	18.5



- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ Full Port
- ☑ DIN PN16
- ☑ Standard: ASME B16.34
- ☑ Flange End: DIN2633
- ☑ Testing: API598/SP-110

PART LIST

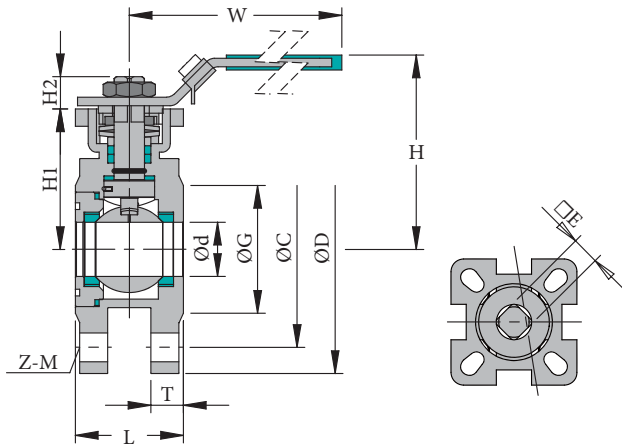


MATERIAL LIST			
ITEM	PART NAME	MATERIAL	
1	CAP	CF8M	CF8
2	BODY GASKET	PTFE	
3	BALL SEAT	PTFE	Refine-PTFE
4	BALL	SS316	SS304
5	BODY	CF8M	CF8
6	LOCKING BOLT	SS304	
7	THRUST WASHER	PTFE	
8	STEM PACKING	PTFE	
9	STOP NUT	SS304	
10	SPRING WASHER	SS304	
11	STEM NUT	SS304	
12	HANDLE	S.S	
13	HANDLE COVER	PLASTIC	
14	STEM	SS316	SS304

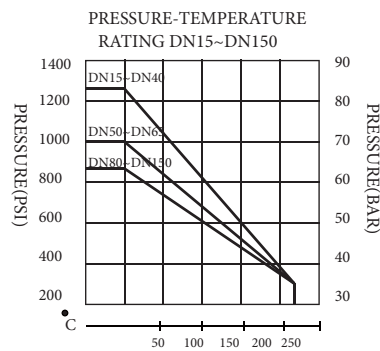


1-PC WAFER BALL VALVE FLANGE END PN16 ISO5211 DIRECT MOUNTING PAD

WDM-1F

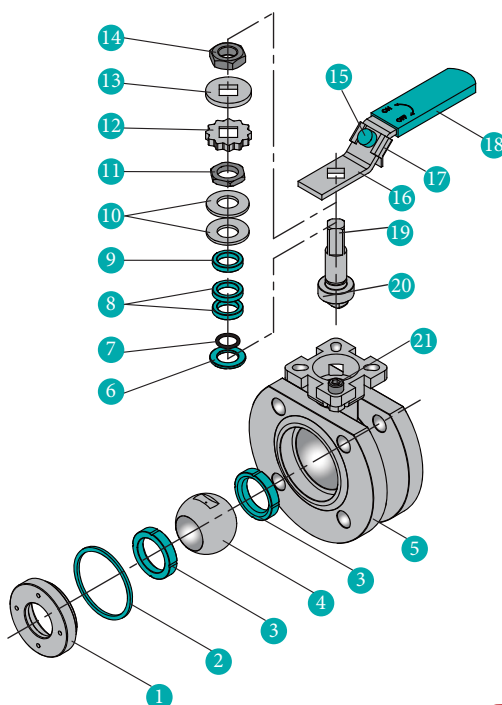


SIZE	Ød	L	W	H	H1	H2	ØG	ØC	ØD	T	□E	Z-M	ISO 5211
DN15	15	42	120	77	48.5	9	45	65	95	10	9	4-M12	F03/F04
DN20	20	44	120	85	54	9	58	75	105	12	9	4-M12	F03/F04
DN25	25	50	137	94	60	11	68	85	115	15	11	4-M12	F04/F05
DN32	32	60	187	104	72	11	78	100	140	15	11	4-M16	F04/F05
DN40	40	65	187	114	77	14	88	110	150	16	14	4-M16	F05/F07
DN50	50	80	187	120	86	14	102	125	165	18	14	4-M16	F05/F07
DN65	65	110	315	160	108	17	122	145	185	18	17	4-M16	F07/F10
DN80	80	120	315	170	116	17	138	160	200	20	17	8-M16	F07/F10
DN100	100	150	315	182	138	17	158	180	220	20	19	8-M16	F07/F10
DN125	125	180	-	-	175	25	188	210	250	22	22	8-M16	F12
DN150	150	225	-	-	190	25	212	240	285	22	27	8-M20	F12



- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ Full Port
- ☑ DIN PN16
- ☑ Anti-Static Device
- ☑ Blance Hole in Ball Slot
- ☑ ISO5211 Direct Mounging Pad
- ☑ Standard:ASME B16.34
- ☑ Flange End:DIN2633
- ☑ Testing:API598/SP-110

PART LIST

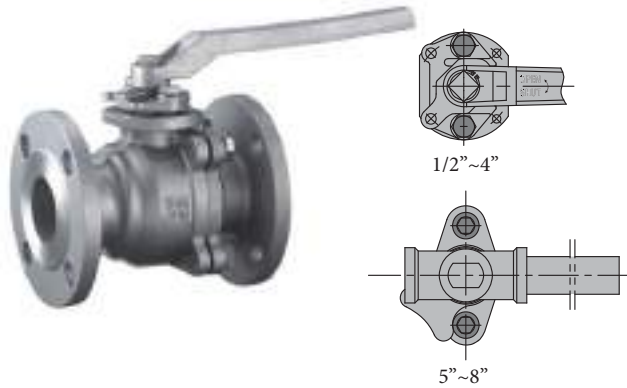


MATERIAL LIST			
ITEM	PART NAME	MATERIAL	
1	CAP	CF8M	CF8
2	BODY GASKET	PTFE	
3	BALL SEAT	PTFE	Refine-PTFE
4	BALL	SS316	SS304
5	BODY	CF8M	CF8
6	THRUST WASHER	PTFE	
7	O-RING	VITON	
8	V-RING PACKING	PTFE	
9	GLAND	SS304	
10	BELEVILLE WASHER	SS304	
11	STOP NUT	SS304	
12	STOP CAP	SS304	
13	GLAND	SS304	
14	STEM NUT	SS304	
15	PIN	PLASTIC	
16	HANDLE	S.S	
17	LOCKING DEVICE	SS304	
18	HANDLE COVER	PLASTIC	
19	STEM	SS316	SS304
20	ANTI-STATIC DEVICE	SS301	
21	LOCKING BOLT	SS304	

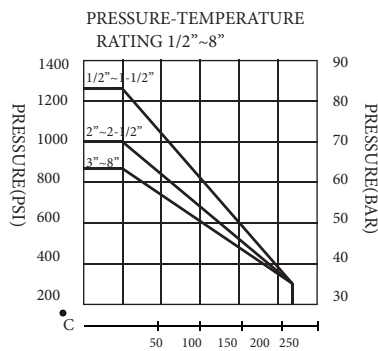
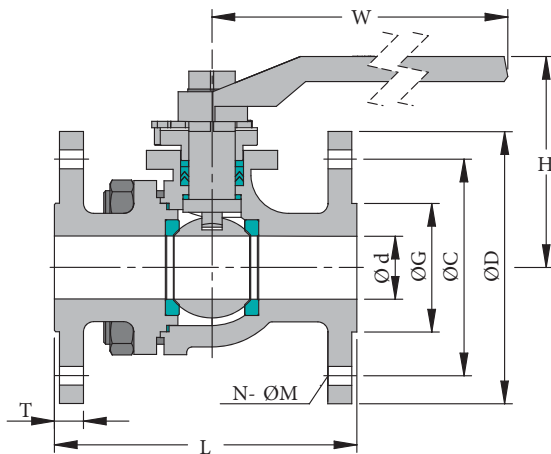


2-PC BALL VALVE FULL PORT FLANGE END 150LB/300LB ISO5211 MOUNTING PAD

2F150
2F300

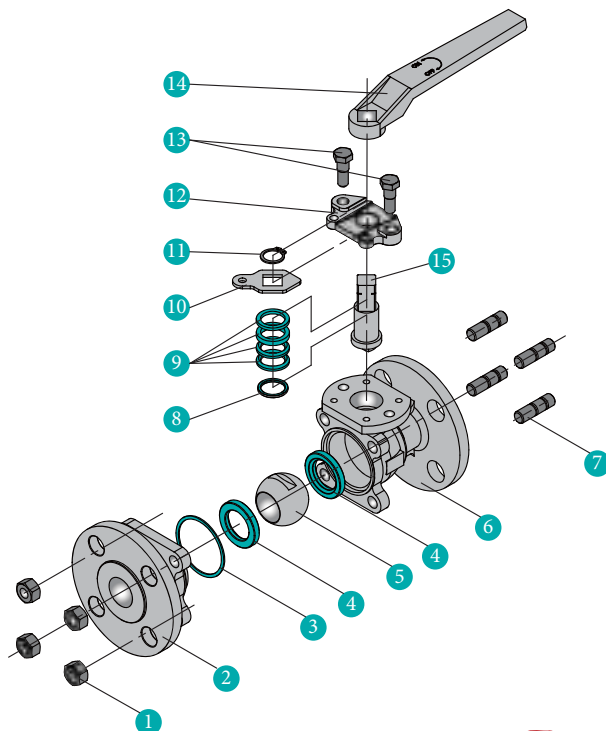


SIZE	DN	PN	L	H	Ød	ØG	ØC	ØD	N-ØM	W	T
1/2"	DN15	150LB	108	74	15	35	60.5	89	4-16	132	12
		300LB	140	72			66.5	95	4-16	115	14.3
3/4"	DN20	150LB	117	74	20	43	70	98.5	4-16	132	12
		300LB	152	76			82.5	117	4-19	115	15.9
1"	DN25	150LB	127	88	25	51	79.5	108	4-16	170	12
		300LB	165	100			89	124	4-19	210	17.5
1-1/4"	DN32	150LB	140	92	32	64	89	117	4-16	170	12.7
		300LB	178	92			98.5	133	4-19	150	19.1
1-1/2"	DN40	150LB	165	125	40	73	98.5	127	4-16	233	14.3
		300LB	190	130			114.5	156	4-22	260	20.7
2"	DN50	150LB	178	135	50	92	120.5	152	4-19	233	15.9
		300LB	216	140			127	165	8-19	260	22.3
2-1/2"	DN65	150LB	190	164	65	105	139.5	178	4-19	233	17.5
		300LB	241	164			149	190	8-22	320	25.4
3"	DN80	150LB	203	164	80	127	152.5	190.5	4-19	304	19.1
		300LB	283	184			168	210	8-22	360	28.6
4"	DN100	150LB	229	177	100	157	190.5	229	8-19	304	23.9
		300LB	305	203			200	254	8-22	360	31.8
5"	DN125	150LB	356	263	125	186	216	254	8-22	497	23.9
		300LB	381	260			235	279	8-22	600	35
6"	DN150	150LB	394	293	150	216	241.5	279	8-22	545	25.4
		300LB	403	300			270	318	12-22	645	36.6
8"	DN200	150LB	457	345	200	270	298.5	343	8-22	745	28.6
		300LB	419	353.6			330	381	12-25	875	42



- ☒ Investment Casting Body
- ☒ Blow-out Proof Stem
- ☒ Full Port
- ☒ Square Stem for Easy Assmbley
- ☒ ANSI 150LB/300LB
- ☒ Standard:ASME B16.34
- ☒ Face to Face:ASME B16.1
- ☒ Flange End:ASME B16.5
- ☒ Testing:API598/SP-110

PART LIST

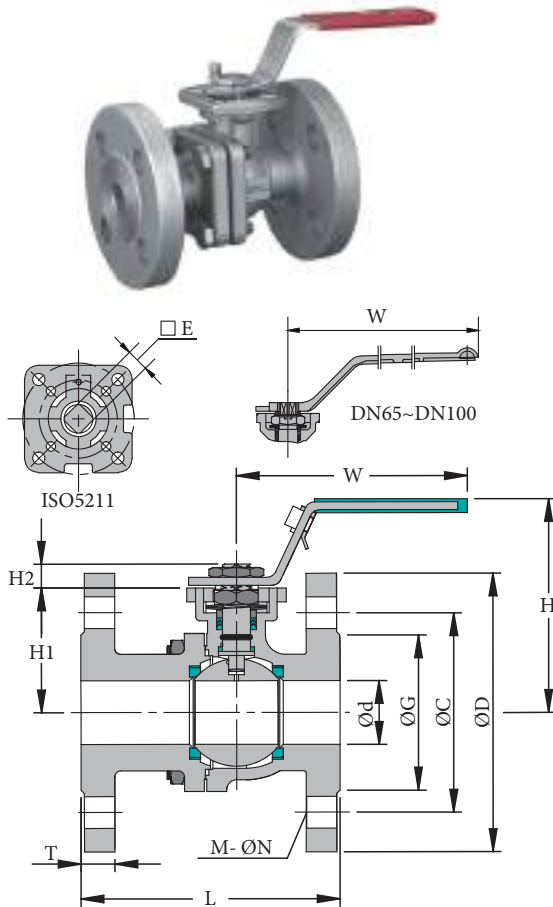


MATERIAL LIST			
ITEM	PART NAME	MATERIAL	
1	NUT	SS304	
2	CAP	CF8M	CF8
3	BODY GASKET	PTFE	
4	BALL SEAT	PTFE	Refine-PTFE
5	BALL	SS316	SS304
6	BODY	CF8M	CF8
7	BOLT	SS304	
8	THRUST WASHER	PTFE	
9	STEM PACKING	PTFE	
10	LOCKING WASHER	SS304	
11	WASHER	SS304	
12	GLAND	CF8	
13	BOLT	SS304	
14	HANDLE	S.S	
15	STEM	SS316	SS304

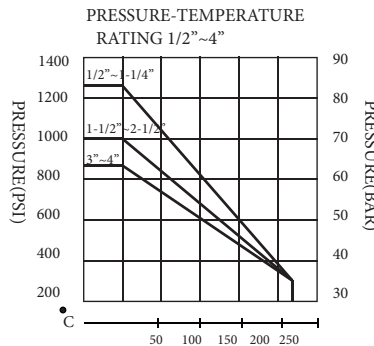


2-PC BALL VALVE FULL PORT FLANGE END ANSI 150LB/300LB ISO-DIRECT MOUNTING PAD

2FDM150
2FDM300

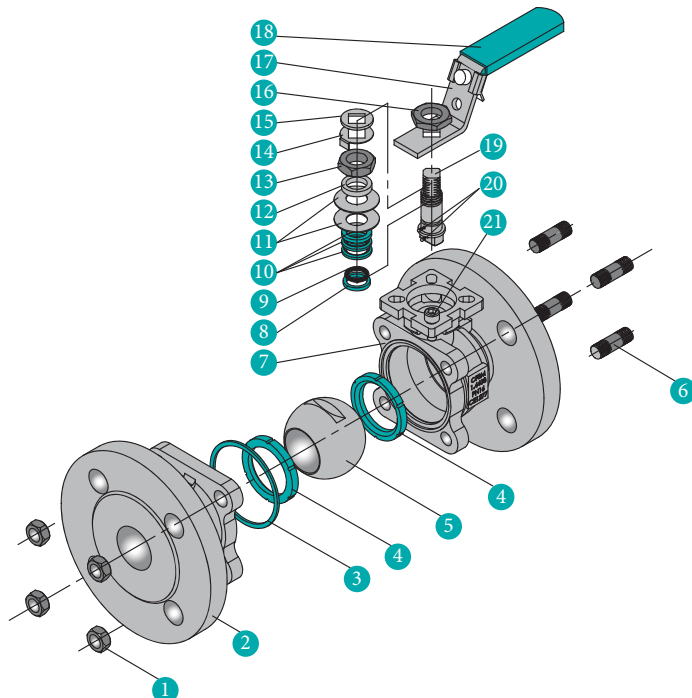


SIZE	Ød	ØG	ØC	ØD	L	H	H1	H2	T	M	N	W	E	ISO 5211
DN15	15	35.1	60.5	89	108	79	48	8.5	11.2	4	16	120	9	F03/F04
		35.1	66.5	95	140				14.3	4	16			
DN20	20	42.9	70.0	98.6	117	85	54	8.5	11.2	4	16	120	9	F03/F04
		35.1	82.5	117	152				15.9	4	19			
DN25	25	50.8	79.2	108	127	93	59	10	11.2	4	16	137	11	F04/F05
		35.1	89	124	165				17.5	4	19			
DN32	32	63.5	88.9	117	140	106	72	10	12.7	4	16	187	11	F04/F05
		35.1	98.5	133	178				19.1	4	19			
DN40	40	73.2	98.6	127	165	112	80	14	14.2	4	16	187	14	F05/F07
		35.1	114.5	-	190				20.7	4	22			
DN50	50	91.9	120.7	152.5	178	115	82	14	15.9	4	19	187	14	F05/F07
		35.1	127	-	216				22.3	8	19			
DN65	65	104.8	139.7	177.8	190	175	102	17	17.5	4	19	315	17	F07/F10
		35.1	149	190	241				25.4	8	22			
DN80	80	127	152.4	190.5	203	185	111	17	19.1	4	19	315	17	F07/F10
		35.1	168	210	283				28.6	8	22			
DN100	100	157.2	190.5	228.6	229	212	138	20	23.9	8	19	315	22	F07/F10
		35.1	200	254	305				31.8	8	22			



- ☒ Investment Casting Body
- ☒ Blow-out Proof Stem
- ☒ Anti-Static Device Available
- ☒ Full Port
- ☒ Standard: ASME B16.34
- ☒ Face to Face: ASME B16.10
- ☒ Flange End: ASME B16.5
- ☒ Locking Lever Available
- ☒ ISO5211 Direct Mounting Pad
- ☒ Testing: API598/SP-110

PART LIST

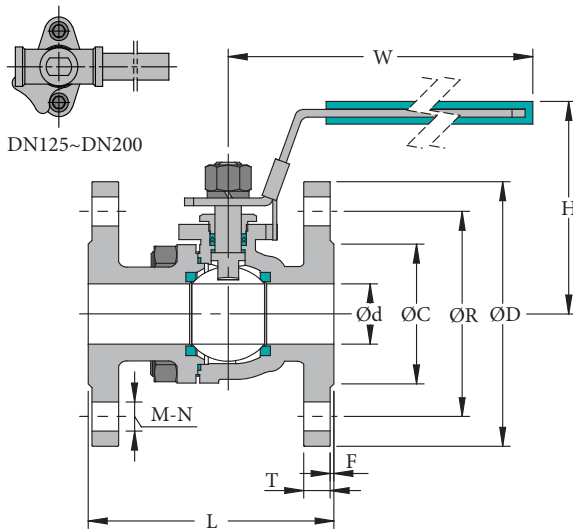


MATERIAL LIST				
ITEM	ITEM	MATERIAL		
1	NUT	SS304		
2	CAP	CF8M	CF8	WCB
3	BODY GASKET	PTFE		
4	BALL SEAT	PTFE		R-PTFE
5	BALL	SS316		SS304
6	BOLT	SS304		
7	BODY	CF8M	CF8	WCB
8	THRUST WASHER	SS304		
9	O-RING	VITONG		
10	STEM PACKING	PTFE		
11	BELLEVILLE WASHER	PTFE		
12	GLAND	SS304		
13	STOP NUT	SS304		
14	STOP WASHER	SS304		
15	WASHER	SS304		
16	STEM NUT	SS304		
17	HANDLE	S.S		
18	HANDLE COVER	SS304		
19	HSTEM	PLASTIC		
20	ANTI-STATIC DEVICE	SS304		
21	POSITION PIN	SS301		

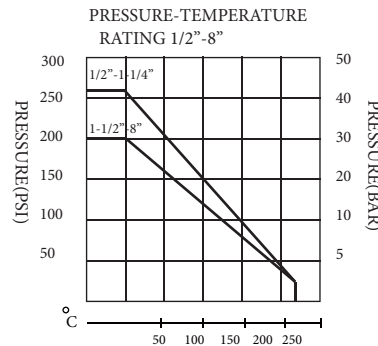


2-PC BALL VALVE FLANGE END FULL PORT PN16/PN40 ISO-MOUNTING PAD

2F4PN16
2F4PN40

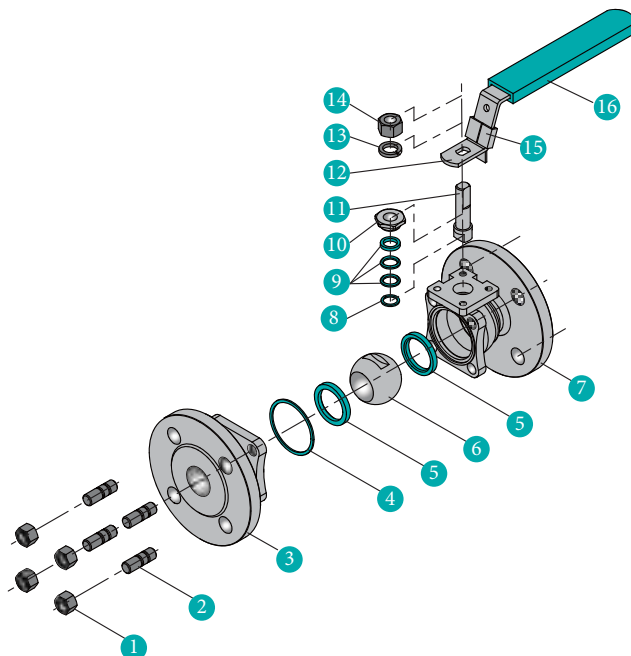


SIZE			Ød	L	H	E	ØC	ØR	ØD	M-ØN	T	F	ISO5211
1/2"	DN15	PN16	15	115	70	115	45	65	95	4-14	14	2	F03
		PN40									16		
3/4"	DN20	PN16	20	120	74.5	135	58	75	105	4-14	16	2	F04
		PN40									18		F03
1"	DN25	PN16	25	125	81.5	135	68	85	115	4-14	16	2	F04
		PN40									18		
1-1/4"	DN32	PN16 PN40	32	130	95	150	78	100	140	4-18	18	2	F04
1-1/2"	DN40	PN16	38	140	100	184	88	110	150	4-18	20	3	F05
		PN40									18		
2"	DN50	PN16	50	150	120	215	102	125	165	4-18	20	3	F07
		PN40											F05
2-1/2"	DN65	PN16	65	170	130	265	122	145	185	4-18	20	3	F07
		PN40								8-18	22		
3"	DN80	PN16	80	180	150	265	138	160	200	8-18	22	3	F07
		PN40									24		
4"	DN100	PN16	100	190	165	315	158	180	220	8-18	24	3	F07
		PN40					162	190	235	8-22			F09
5"	DN125	PN16	125	325	180	497	188	210	250	8-18	26	3	F12
		PN40						220	270	8-26			F09
6"	DN150	PN16	150	350	200	545	212	240	285	8-23	26	3	F12
		PN40					218	250	300	8-26	28		F09
8"	DN200	PN16	200	400	230	745	268	295	340	12-23	30	3	F12
		PN40					285	320	375	12-30	34		F09



- ✓ Investment Casting Body
- ✓ Blow-out Proof Stem
- ✓ PN16/PN40
- ✓ Face to Face: DIN 3202-F4/F5
- ✓ Flange Standard: DIN 2543/DIN2545
- ✓ Full Port
- ✓ Standard: ASME B16.34
- ✓ Locking Lever Available
- ✓ Testing: API598/SP-110

PART LIST

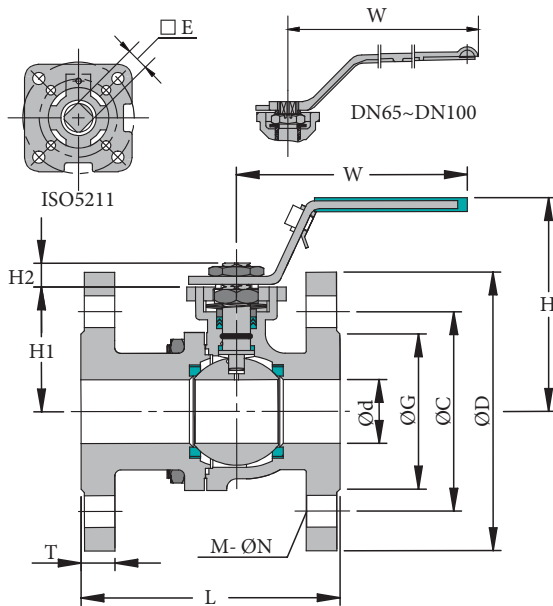


MATERIAL LIST				
ITEM	PART NAME	MATERIAL		
1	NUT	SS304		
2	BOLT	SS304		
3	CAP	CF8M	CF8	WCB
4	BODY GASKET	PTFE		
5	BALL SEAT	PTFE		R-PTFE
6	BALL	SS316		SS304
7	BODY	CF8M	CF8	WCB
8	THRUST WASHER	PTFE		
9	V-RING PACKING	PTFE		
10	STOP NUT	SS304		
11	STEM	SS316		SS304
12	HANDLE	S.S		
13	SPRING WASHER	SS304		
14	STEM NUT	SS304		
15	LOCKING PIN	SS301		
16	HANDLE COVER	PLASTIC		

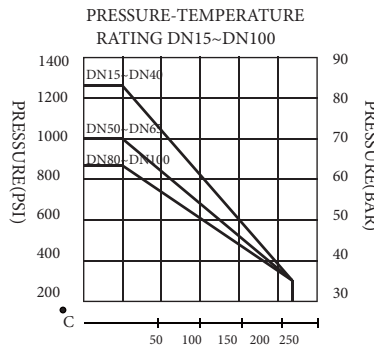


2-PC BALL VALVE FULL PORT FLANGE END PN16-40 ISO-DIRECT MOUNTING PAD

2F4DMPN16-40

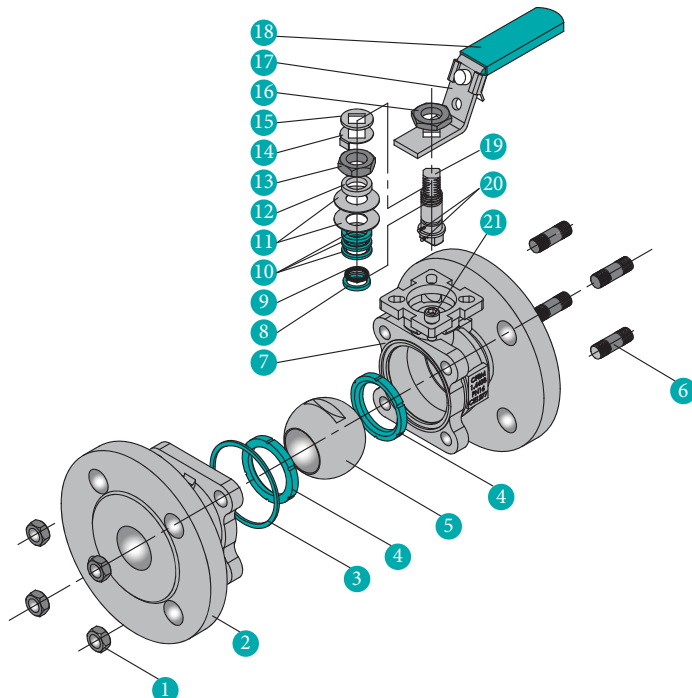


SIZE	Ød	ØG	ØC	ØD	L	H	H1	H2	T	M	N	W	E	ISO 5211
DN15	15	45	65	95	115	74	48	8	16	4	14	120	9	F03/F04
DN20	20	58	75	105	120	85	54	9	18	4	14	120	9	F03/F04
DN25	25	68	85	115	125	89	59	9	18	4	14	137	11	F04/F05
DN32	32	78	100	140	130	106	72	10	18	4	18	187	11	F04/F05
DN40	40	88	110	150	140	112	82	14	18	4	18	187	14	F05/F07
DN50	50	102	125	165	150	115	87	14	20	4	18	187	14	F05/F07
DN65	65	122	145	185	170	175	102	18.5	18	4	18	315	17	F07/F10
DN80	80	138	160	200	180	185	111	18.5	20	8	18	315	17	F07/F10
DN100	100	158	180	220	190	212	138	18.5	20	8	18	315	19	F07/F10



- ☒ Investment Casting Body
- ☒ Blow-out Proof Stem
- ☒ Anti-Static Device Available
- ☒ Full Port
- ☒ PN16~PN40
- ☒ Standard: ASME B16.34
- ☒ Face to Face: DIN3202
- ☒ Flange End: DIN2545/2543
- ☒ Locking Lever Available
- ☒ ISO5211 Direct Mounting Pad
- ☒ Testing: API598/SP-110

PART LIST

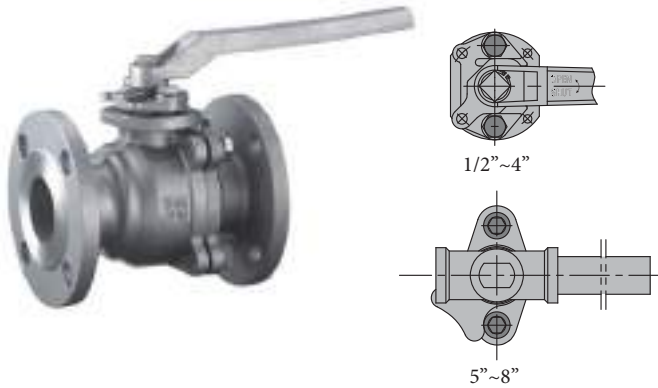


MATERIAL LIST				
ITEM	ITEM	MATERIAL		
1	NUT	SS304		
2	CAP	CF8M	CF8	WCB
3	BODY GASKET	PTFE		
4	BALL SEAT	PTFE		R-PTFE
5	BALL	SS316		SS304
6	BOLT	SS304		
7	BODY	CF8M	CF8	WCB
8	THRUST WASHER	SS304		
9	O-RING	VITONG		
10	STEM PACKING	PTFE		
11	BELLEVILLE WASHER	PTFE		
12	GLAND	SS304		
13	STOP NUT	SS304		
14	STOP WASHER	SS304		
15	WASHER	SS304		
16	STEM NUT	SS304		
17	HANDLE	S.S		
18	HANDLE COVER	SS304		
19	HSTEM	PLASTIC		
20	ANTI-STATIC DEVICE	SS304		
21	POSITION PIN	SS301		

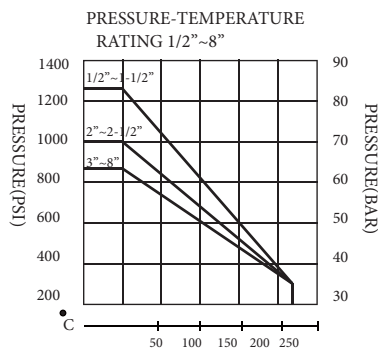
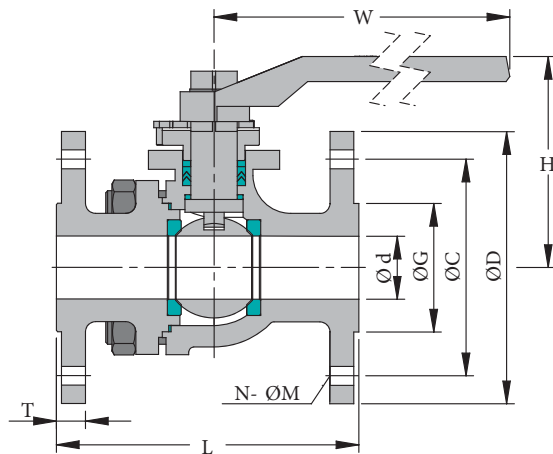


2-PC BALL VALVE FULL PORT FLANGE END 10K/20K ISO5211 MOUNTING PAD

2F10K
2F20K

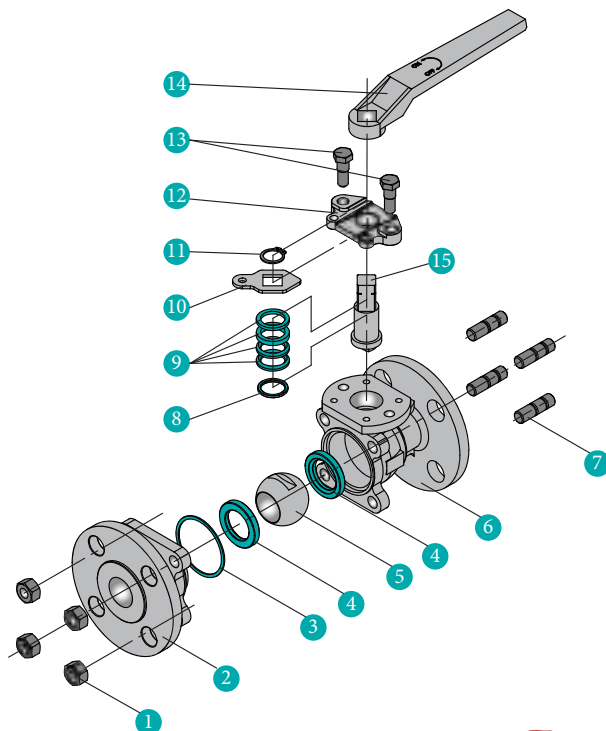


SIZE	DN	PN	L	H	d	G	C	D	N-ØM	W	T
1/2"	DN15	10K	108	74	15	52	70	95	4-15	132	12
		20K	140			51					14
3/4"	DN20	10K	117	72	20	58	75	100	4-15	132	14
		20K	152			56					16
1"	DN25	10K	127	88	25	70	90	125	4-19	170	14
		20K	165			67					16
1-1/4"	DN32	10K	140	92	32	80	100	135	4-19	170	16
		20K	178			76					18
1-1/2"	DN40	10K	165	125	40	85	105	140	4-19	233.5	16
		20K	190			81					18
2"	DN50	10K	178	136	50	100	120	155	4-19	233.5	16
		20K	216			96			8-19		18
2-1/2"	DN65	10K	190	155	65	120	140	175	4-19	233.5	18
		20K	241			116			8-19		20
3"	DN80	10K	203	163	80	130	150	185	8-19	304	18
		20K	283			132	160	200	8-23		22
4"	DN100	10K	229	178	100	155	175	210	8-19	304	18
		20K	305			160	185	225	8-23		24
5"	DN125	10K	254	262	125	185	210	250	8-23	500	20
		20K	381			195	225	270	8-25		26
6"	DN150	10K	267	293	150	215	240	280	8-23	545	22
		20K	403			230	260	305	12-25		28
8"	DN200	10K	292	345	200	262	290	330	8-23	745	22
		20K	502			275	305	350	12-25		30



- ☒ Investment Casting Body
- ☒ Blow-out Proof Stem
- ☒ Full Port
- ☒ Square Stem for Easy Assembly
- ☒ JIS 10K/20K
- ☒ Standard: ASME B16.34
- ☒ Face to Face: JIS B2002
- ☒ Flange End: JIS B2212
- ☒ Testing: API598/SP-110

PART LIST

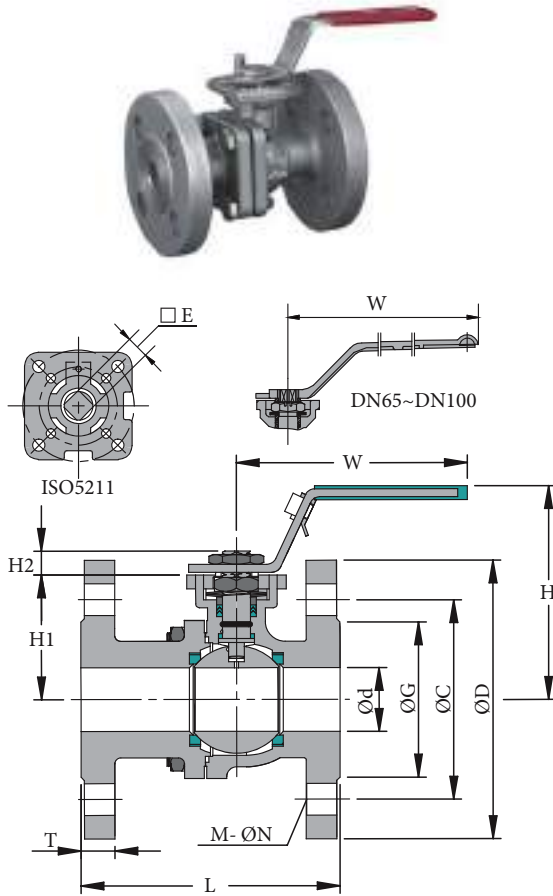


MATERIAL LIST			
ITEM	PART NAME	MATERIAL	
1	NUT	SS304	
2	CAP	CF8M	CF8
3	BODY GASKET	PTFE	
4	BALL SEAT	PTFE	Refine-PTFE
5	BALL	SS316	SS304
6	BODY	CF8M	CF8
7	BOLT	SS304	
8	THRUST WASHER	PTFE	
9	STEM PACKING	PTFE	
10	LOCKING WASHER	SS304	
11	WASHER	SS304	
12	GLAND	CF8	
13	BOLT	SS304	
14	HANDLE	S.S	
15	STEM	SS316	SS304

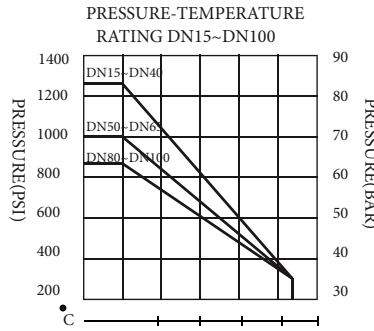


2-PC BALL VALVE FULL PORT FLANGE END 10K/20K ISO-DIRECT MOUNTING PAD

2FDM10K
2FDM20K

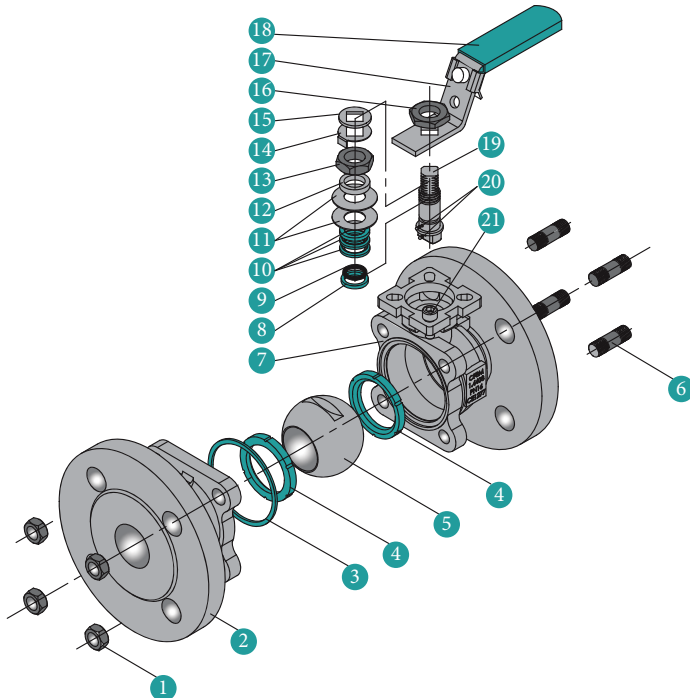


SIZE	PN	Ød	ØG	ØC	ØD	L	H	H1	H2	T	M	N	W	E	ISO 5211
DN15	10K	15	51	70	95	108	79	48	48	12	4	15	120	9	F03/F04
	20K					140				14	4	15			
DN20	10K	20	56	75	100	117	85	54	54	14	4	15	120	9	F03/F04
	20K					152				16	4	15			
DN25	10K	25	67	90	125	127	93	59	59	14	4	19	137	11	F04/F05
	20K					165				16	4	19			
DN32	10K	32	76	100	135	140	106	72	72	16	4	19	187	11	F04/F05
	20K					178				18	4	19			
DN40	10K	40	81	105	140	165	112	80	80	16	4	19	187	14	F05/F07
	20K					190				18	4	19			
DN50	10K	50	96	120	155	178	115	82	82	16	4	19	187	14	F05/F07
	20K					216				18	8	19			
DN65	10K	65	116	140	175	190	175	102	102	18	4	19	315	17	F07/F10
	20K					241				20	8	19			
DN80	10K	80	126	150	185	203	185	111	111	18	8	19	315	17	F07/F10
	20K					283				22	8	23			
DN100	10K	100	151	175	210	229	212	138	138	18	8	19	315	22	F07/F10
	20K					305				24	8	23			



- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ Anti-Static Device Available
- ☑ Full Port
- ☑ JIS 10K/20
- ☑ Standard: ASME B16.34
- ☑ Face to Face: JIS B2002
- ☑ Flange End: JIS B2220
- ☑ Locking Lever Available
- ☑ ISO5211 Direct Mounting Pad
- ☑ Testing: API598/SP-110

PART LIST



MATERIAL LIST				
ITEM	ITEM	MATERIAL		
1	NUT	SS304		
2	CAP	CF8M	CF8	WCB
3	BODY GASKET	PTFE		
4	BALL SEAT	PTFE		R-PTFE
5	BALL	SS316		SS304
6	BOLT	SS304		
7	BODY	CF8M	CF8	WCB
8	THRUST WASHER	SS304		
9	O-RING	VITONG		
10	STEM PACKING	PTFE		
11	BELLEVILLE WASHER	PTFE		
12	GLAND	SS304		
13	STOP NUT	SS304		
14	STOP WASHER	SS304		
15	WASHER	SS304		
16	STEM NUT	SS304		
17	HANDLE	SS304		
18	HANDLE COVER	PLASTIC		
19	HANDLE	S.S		
20	ANTI-STATIC DEVICE	SS304		
21	POSITION PIN	SS301		

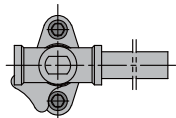


3-PC BALL VALVE FLANGE END FULL PORT PN16/PN40 ISO-MOUNTING PAD

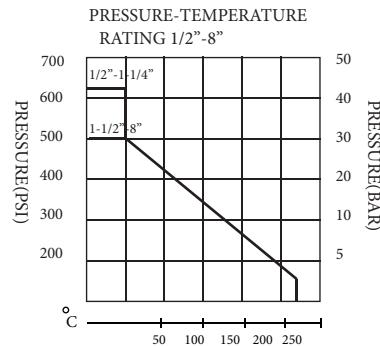
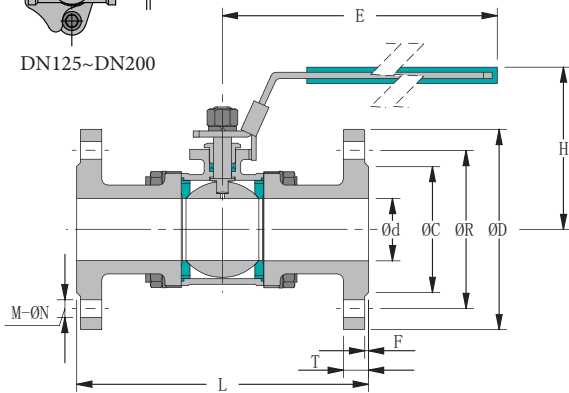
A3FPN16
A3FPN40



SIZE		Od	L	H	E	OC	OR	OD	M-ON	T	F	ISO5211
DN15	PN16	15	130	79	115	45	65	95	4-14	14	2	F03
	PN40			83						16		
DN20	PN16	20	150	83	135	58	75	105	4-14	16	2	F03
	PN40			86						18		
DN25	PN16	25	160	90	135	68	85	115	4-14	16	2	F04
	PN40			95						18		
DN32	PN16	32	180	95	150	78	100	140	4-18	16	2	F04
	PN40			99						18		
DN40	PN16	38	200	100	185	88	110	150	4-18	16	3	F05
	PN40			108						18		
DN50	PN16	50	230	112	185	102	125	165	4-18	18	3	F05
	PN40			120						20		
DN65	PN16	65	290	130	265	122	145	185	4-18	18	3	F07
	PN40			145						22		
DN80	PN16	80	310	145	265	138	160	200	8-18	20	3	F07
	PN40			162						24		
DN100	PN16	100	350	160	315	158	180	220	8-18	20	3	F09
	PN40			183						24		
DN125	PN16	125	400	245	550	188	210	250	8-18	22	3	F09
	PN40			263						26		
DN150	PN16	150	480	260	700	212	240	285	8-22	22	3	F09
	PN40			286						28		
DN200	PN16	200	600	300	900	268	295	340	12-22	24	3	F09
	PN40			337						34		

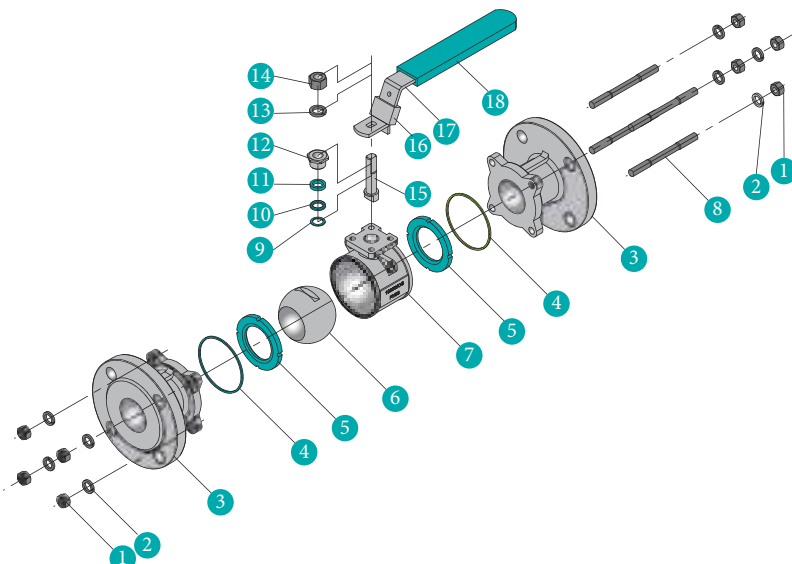


DN125~DN200

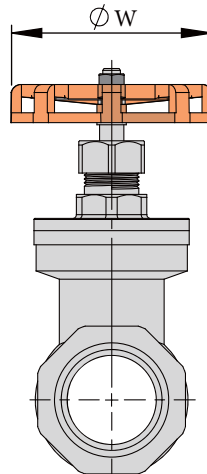
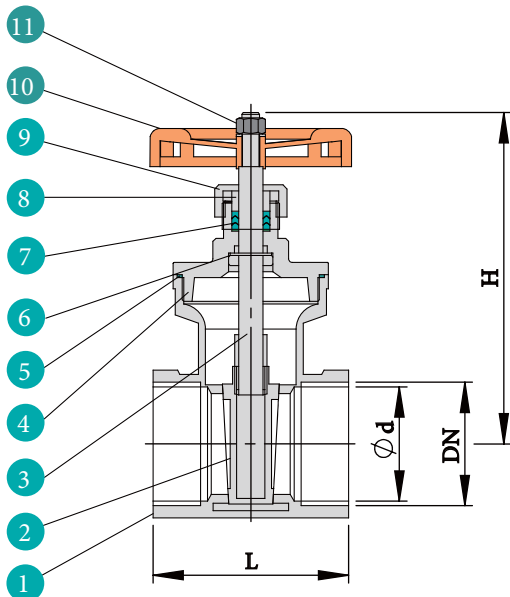
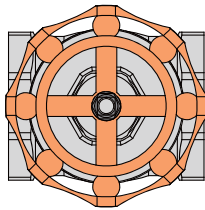


- ☑ Investment Casting Body
- ☑ Blow-out Proof Stem
- ☑ PN16/PN40
- ☑ Full Port
- ☑ Standard: ASME B16.34
- ☑ Face to Face: DIN3202-F1
- ☑ Flange End Standard: DIN2633/2545
- ☑ Locking Lever Available
- ☑ Testing: API598/SP-110

PART LIST



MATERIAL LIST			
ITEM	PART NAME	MATERIAL	
1	NUT	SS304	
2	SPRING WASHER	SS301	
3	CAP	CF8M	CF8 WCB
4	BODY GASKET	PTFE	
5	BALL SEAT	PTFE	R-PTFE
6	BALL	SS316	SS304
7	BODY	CF8M	CF8 WCB
8	BOLT	SS304	
9	THRUST WASHER	PTFE	
10	STEM PACKING	PTFE	
11	SEALS	PTFE	
12	STOP BOLT	SS304	
13	SPRING WASHER	SS301	
14	STEM NUT	SS304	
15	STEM	SS316	SS304
16	LOCKING PIN	SS304	
17	HANDLE	S.S	
18	HANDLE COVER	PLASTIC	



MATERIAL LIST

ITEM	PART NAME	MATERIAL	
1	BODY	CF8M	CF8
2	DISC	CF8M	CF8
3	STEM	SUS316	SUS304
4	BONNET	CF8M	CF8
5	GASKET	PTFE	
6	GLAND	SUS316	SUS304
7	STEM PACKING	PTFE	R-PTFE
8	GLAND	SUS304	
9	STOP CAP	SUS304	
10	HANDLE	ALUMINUM	
11	NUT	SUS304	

PRESSURE TESTING

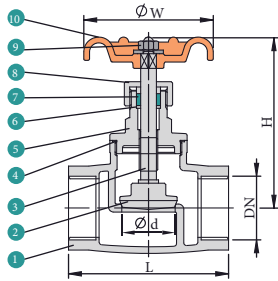
STANDARD PRESSURE	200PSI
SHELL PRESSURE TESTING	2.1Mpa
WATER SEAL TESTING	1.5Mpa
AIR SEAL TESTING	0.4~0.7Mpa

- ☑ Investment Casting Body
- ☑ 200WOG
- ☑ Metal to Metal Sealing
- ☑ Wheel Handle
- ☑ End Standard: DIN2999/DIN259/BSP/NPT
ISO228-1/BS21/2779
- ☑ Design Standard: ASME B16.34
- ☑ Testing Standard: API 598

SIZE		L	Ø d	H	W
NPS	DN				
1/2"	15	55	15	99	70
3/4"	20	60	20	105	70
1"	25	66	25	115	80
1-1/4"	32	76	32	130	90
1-1/2"	40	80	40	147	90
2"	50	90	50	168	100

GBTL-200

GLOBE VALVE 200WOG THREAD END



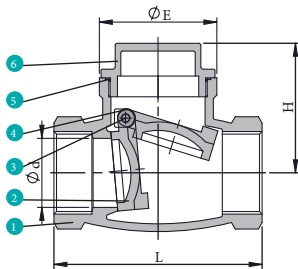
☑ Investment Casting Body ☑ Standard: ASME B16.34 ☑ Testing: API598

MATERIAL LIST						
ITEM	PART NAME	MATERIAL		ITEM	PART NAME	MATERIAL
1	BODY	CF8M	CF8	6	WASHER	SS304
2	DISC	SS316	SS304	7	PACKING	PTFE
3	STEM	SS316	SS304	8	STOP NUT	SS304
4	GASKET	PTFE		9	STEM NUT	SS304
5	BONNET	CF8M	CF8	10	HANDLE	ALUMINUM

ITEM		L	OD	H	W
NPS	DN				
1/2"	DN15	60	15	85	70
3/4"	DN20	74	20	95	70
1"	DN25	84	25	105	80
1-1/4"	DN32	93	32	125	90
1-1/2"	DN40	103	40	135	90
2"	DN50	133	50	155	100

SCT-200

SWING CHECK VALVE 200WOG THREAD END



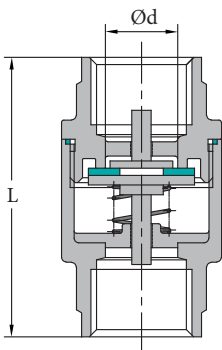
☑ Investment Casting Body ☑ Standard: ASME B16.34 ☑ Testing: API598

MATERIAL LIST							
ITEM	PART NAME	MATERIAL		ITEM	PART NAME	MATERIAL	
1	BODY	CF8M	CF8	6	BONNET	CF8M	CF8
2	DISC	SS316	SS304				
3	PIN	SS304					
4	NUT	SS304					
5	GASKET	PTFE					

ITEM		L	OD	H	
NPS	DN				
1/2"	DN15	65	15	42	
3/4"	DN20	80	20	52	
1"	DN25	90	25	60	
1-1/4"	DN32	105	32	67	
1-1/2"	DN40	120	40	75	
2"	DN50	140	50	81	

VCT-2P

2PC VERTICAL CHECK VALVE 200WOG THREAD END



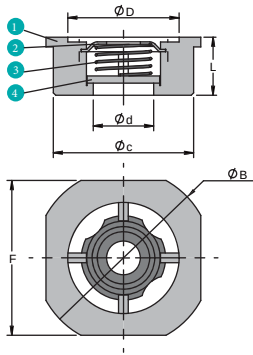
☑ Investment Casting Body ☑ Standard: ASME B16.34 ☑ Testing: API598

PART NAME	MATERIAL		PART NAME	MATERIAL	
BODY	CF8M	CF8	DISC	CF8M	CF8
CAP	CF8M	CF8	SPRING	SS316	SS304
BODY GASKET	PTFE		SEAT RING	PTFE	VITON

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	58	70	82	88	102	115	125	155	195
Ød	15	20	25	32	38	50	65	80	100

TC512

WAFER CHECK VALVE PN40 SINGLE PLATE



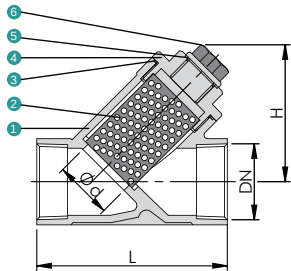
☑ Investment Casting Body ☑ Standard: ASME B16.34 ☑ Testing: API598

MATERIAL LIST						
ITEM	PART NAME	MATERIAL		ITEM	PART NAME	MATERIAL
1	BODY	CF8M	CF8			
2	STOP CAP	SS316	SS304			
3	SPRING	SS316				
4	DISC	CF8M	CF8			

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
L	16	19	22	28	32	40	46	50	60	106
Ød	15	20	25	32	40	50	62	77	95	138
Øc	43	53	57	74	82	91	112	126	150	217
ØD	34	42	46	62	71	80	100	112	135	196
F	45	55	65	79	89	100	118	135	155	-
ØB	53	63	73	84	94	106	127	144	164	220

YST-800

Y-TYPE STRAINER 800WOG THREAD END



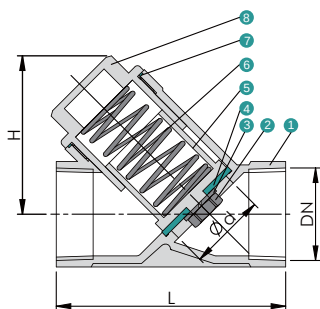
☑ Investment Casting Body ☑ Standard: ASME B16.34 ☑ Testing: API598

MATERIAL LIST						
ITEM	PART NAME	MATERIAL		ITEM	PART NAME	MATERIAL
1	BODY	CF8M	CF8	6	NUT	SS304
2	FILTER	SS316	SS304			
3	GASKET	PTFE				
4	BONNET	CF8M	CF8			
5	GASKET	PTFE				

ITEM		L	OD	H	
NPS	DN				
1/2"	DN15	65	15	51	
3/4"	DN20	80	20	60	
1"	DN25	90	25	72	
1-1/4"	DN32	105	32	77	
1-1/2"	DN40	120	40	87	
2"	DN50	140	50	104	

YCT-800

Y-TYPE CHECK VALVE PN40,800WOG THREAD END



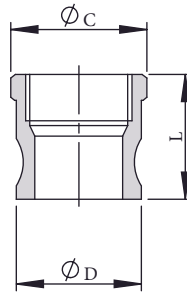
☑ Investment Casting Body ☑ Standard: ASME B16.34 ☑ Testing: API598

MATERIAL LIST							
ITEM	PART NAME	MATERIAL		ITEM	PART NAME	MATERIAL	
1	BODY	CF8M	CF8	6	SPRING	SS316	
2	NUT	SS316	SS304	7	GASKET	PTFE	
3	WASHER	SS316	SS304	8	BONNET	CF8M	CF8
4	SEAT	PTFE					
5	DISC	SS316	SS304				

ITEM		L	ØD	H	
NPS	DN				
1/2"	DN15	65	15	51	
3/4"	DN20	80	20	60	
1"	DN25	90	25	72	
1-1/4"	DN32	105	32	77	
1-1/2"	DN40	120	40	87	
2"	DN50	140	50	104	



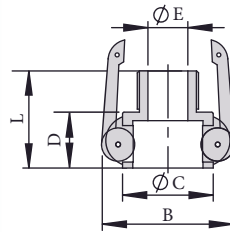
QCA
A-Adapter



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
L	38	38	48	56	58	61	87	71	83.6	86
ϕC	32.5	32.5	39	48	56	67.5	83	97	123.6	190
ϕD	16.5	21	24	28.8	36	45.8	56.5	73.6	101	150



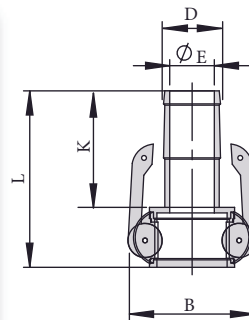
QCB
B-Coupler



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
B	53	53	60	81.3	88.5	99.5	110.5	131	159	220
C	42	42	47	58	66.5	78	92	109	138	199
D	32	32	40	48	49	54	59	60	62	72
E	14	19	25	32	39	50	59	75	100	146
L	50	52	62	72	72	80	90	93	100	118



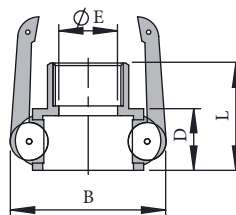
QCC
C-Coupler Hose Shank



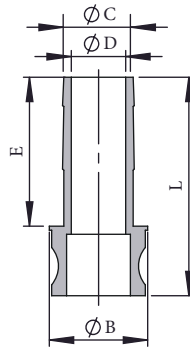
SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
B	53	53	60	81.3	88.5	99.5	110.5	131	159	220
D	15	21.4	27.4	34	40.5	53	66.5	79.4	104.8	157
E	8	14	20	25	31	43	55	67	92	140
K	43	51	60	61	64	78	85	102	110	141
L	75	83	100	109	113	132	144	162	172	213



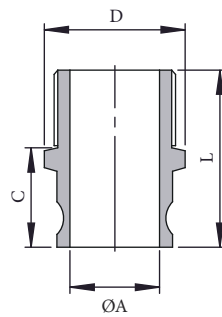
QCD
D-Coupler



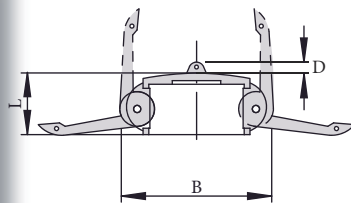
SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
B	53	53	60	81.3	88.5	99.5	110.5	131	159	220
D	15	21.4	27.4	34	40.5	53	66.5	79.4	104.8	157
E	8	14	20	25	31	43	55	67	92	140
L	43	51	60	61	64	78	85	102	110	141



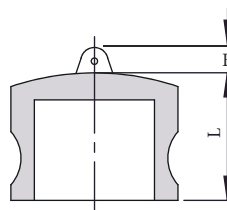
SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
B	34.5	34.5	39	48	56	65.3	80	96	122	188
C	15	21.4	27.4	34	40.5	53	66.5	79	104.8	157
D	8	14	20	25	31	43	55	68	92	140
E	45	54	60	61	64	78	85	101.6	110	141
L	85	94	106	115	120	140	150	165.1	180	220



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
A	14	21	24	28.8	36	45	56.5	75.8	98	150
C	40	40	48	56	58	62	70	77	79	86
D	32.5	32.5	39	48	56	67	80	99.6	124	182
L	57	57	72	80	82	88	100	100.5	115	130



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
B	53	53	60	81.3	88.5	99.5	110.5	131	159	220
D	7.5	7.5	12	14	16	18	18	23	24	30
L	36	36	43	51	52	59	64	65	70	85



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
B	11	11	10	14	16	17	18	20	20	26
L	26.5	26.5	34	41	44	48	50	53	56	64



2A
90 ELBOW



11A
TEE



11B
REDUCING TEE



16A
CROSS



4
45 ELBOW



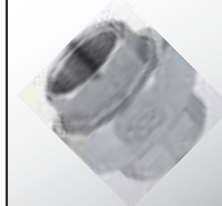
6A
STREET ELBOW



2B
REDUCING ELBOW



31B
UNION CONICAL F/F



31A
UNION FLAT F/F



31M
UNION CONICAL M/F



31AMF
UNION FLAT M/F



L31B
ELBOW UNION CONICAL



L31A
ELBOW UNION FLAT



31BS
UNION CONICAL SW



31AS
UNION FLAT SW

