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SINCE 1982

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BALL VALVE: 2-PIECE THREADED
Stainless Steel

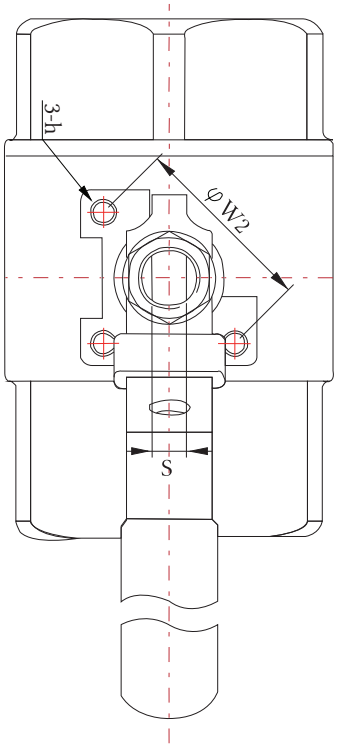
FEATURES

- Full port 1000WOG ball valve
- Steam rating: 150PSI WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 1000PSI
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator

OPTION

- ¼" – 1" working pressure 2000PSI (standard port)
- 1¼" – 2" working pressure 1500PSI (standard port)



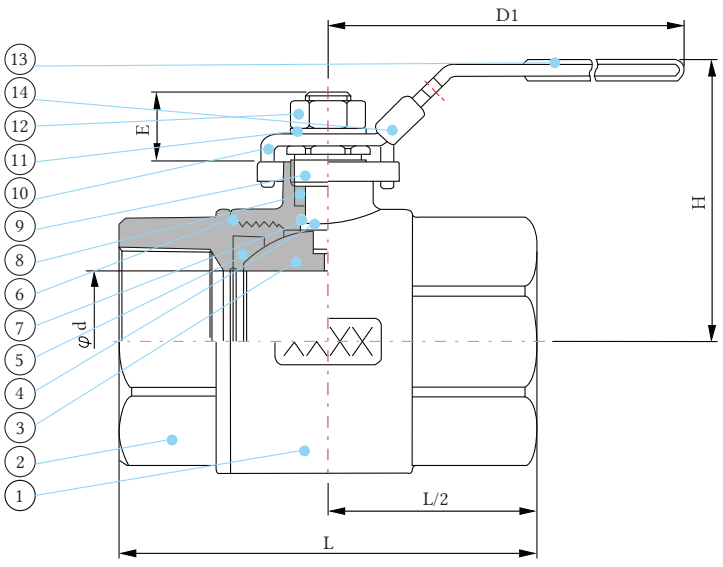


BALL VALVE: 2-PIECE THREADED
Stainless Steel

DIMENSIONS											
SIZE	d	E	L	L2	H	S	D1	W2	h	CV	WT
¼"	11	15.5	57.8	28.8	57.2	5.45	103	-	-	16	0.57
⅜"	12.5	15.5	57.8	28.8	57.2	5.45	103	-	-	16	0.53
½"	15	14.5	61.7	30.7	59.1	5.45	103	-	-	26	0.66
¾"	20	21	70.1	35	62.6	5.45	103	-	-	55	0.93
1"	25	19.5	81.3	40.2	70.7	6.2	127	-	-	110	1.54
1 ¼"	32	27.9	96	47.2	76.2	6.2	127	-	-	180	2.42
1 ½"	38	27.5	112.5	55.6	89.1	9.4	153	-	-	270	4.10
2"	50.8	26.7	126	62.4	98.2	9.4	193	-	-	500	6.28
2 ½"	65	26	168.5	85	110.6	9.4	193	70	M8	800	13.77
3"	80	38	191.4	95.9	124	12	279	102	M10	1150	22.95
4"	100	48	216.5	108.3	168.5	16	335	102	M10	2120	37.89

** All dimensions recorded in millimeters*

MATERIALS LIST			
No	PART	MATERIAL	QTY
1	BODY	ASTM A351 CF8M	1
2	CAP	ASTM A351 CF8M	1
3	BALL	ASTM A351 CF8M	1
4	STEM	ASTM A276 316SS	1
5	SEAT	RTFE (+15% GF)	2
6	GASKET	PTFE	1
7	THRUST WASHER	PTFE	1
8	PACKING	PTFE	1
9	GLAND	304SS	1
10	HANDLE	304SS	1
11	SPRING WASHER	304SS	1
12	HANDLE NUT	304SS	1
13	HANDLE SLEEVE	PLASTIC	1
14	LOCKING DEVICE	304SS	1



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BALL VALVE: 2-PIECE THREADED X FLANGED (B16.5)

Stainless Steel

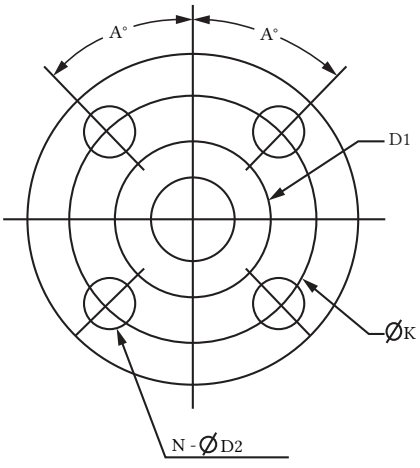
FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.5
- Square-head pipe plug: brass
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator



OPTION

- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS



Holes applied evenly, symmetrically to the axis.

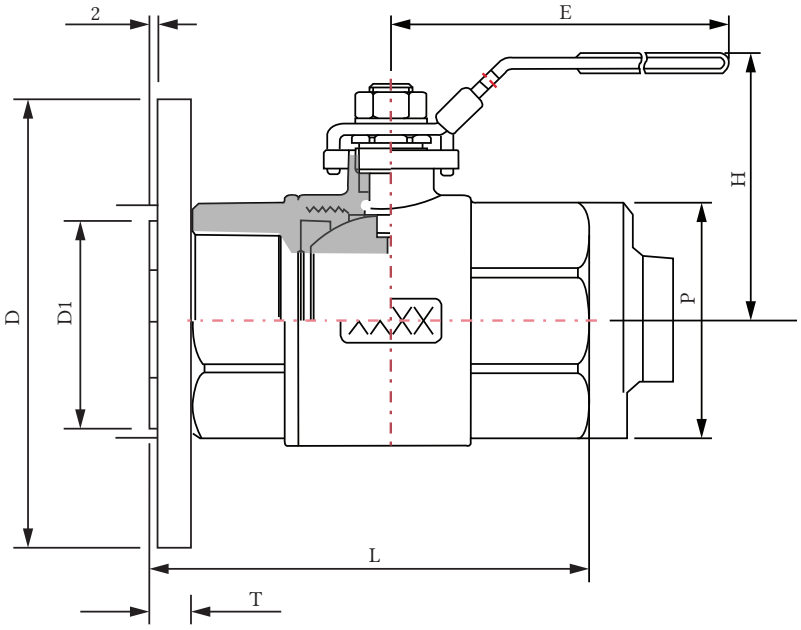
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 2-PIECE THREADED X FLANGED (B16.5)
Stainless Steel

DIMENSIONS											
SIZE	L+/-5	D	K	D1	H+/-5	N	D2	P	E+/-5	T	a
½"	77.5	89	60.4	35	55	4	16	NPT ½"	100	11.2	45
¾"	86	98.5	70	42.9	65	4	16	NPT ¾"	100	12.7	45
1"	99	108	79	50.8	70	4	16	NPT 1"	125	14.2	45
1 ½"	135	127	99	73.1	90	4	16	NPT 1 ½"	150	17.2	45
2"	151	152.4	120.6	92	100	4	19	NPT 2"	195	19	45
3"	221	190.5	152.5	127	125	4	19	NPT 3"	280	23.9	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	1
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
GASKET	PTFE	1
THRUST WASHER	PTFE	1
PACKING	PTFE	1
GLAND	304SS	1
HANDLE	304SS	1
SPRING WASHER	304SS	1
HANDLE NUT	304SS	1
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1



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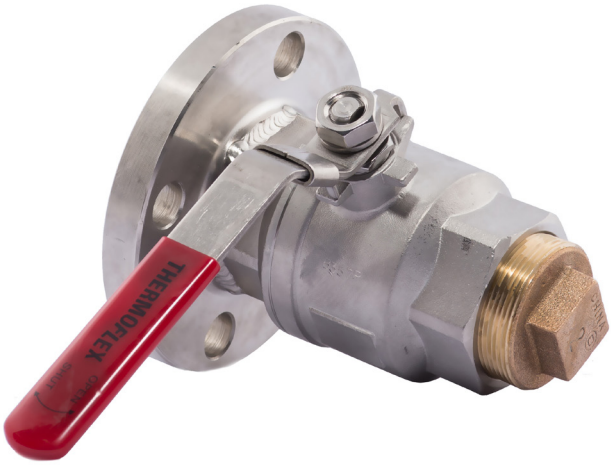
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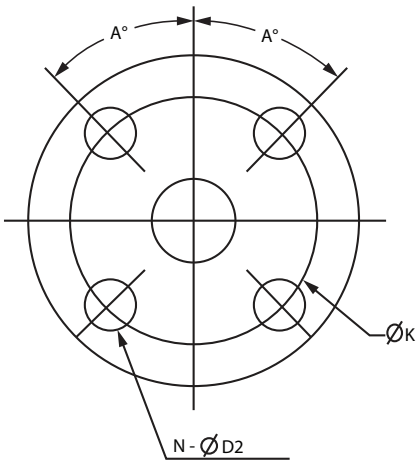
BALL VALVE: 2-PIECE THREADED X FLANGED (B16.24)

Stainless Steel

FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.24
- Square-head pipe plug: brass
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator





Holes applied evenly, symmetrically to the axis.

OPTION

- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

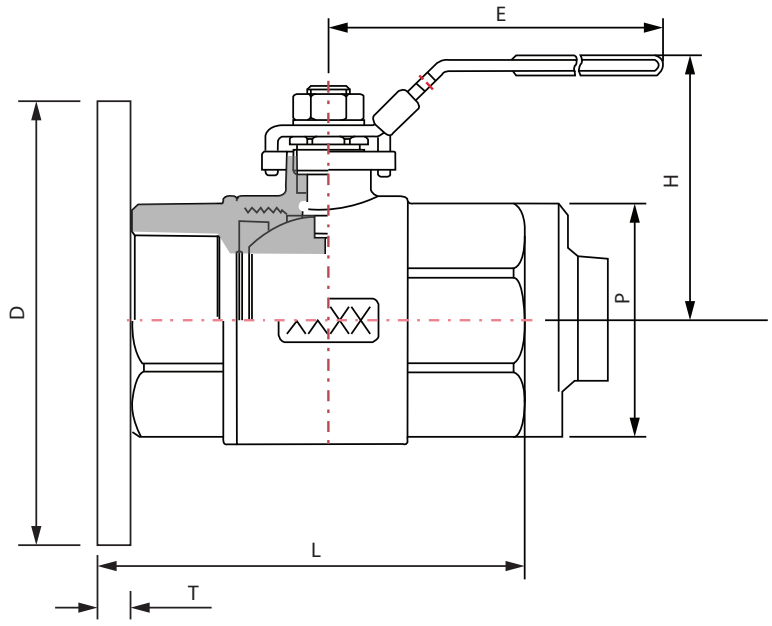
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 2-PIECE THREADED X FLANGED (B16.24)
Stainless Steel

DIMENSIONS										
SIZE	L+/-5	D	K	H+/-5	N	D2	P	E+/-5	T MIN	a
½"	74.5	89	60.4	55	4	16	NPT ½"	100	8	45
¾"	82	98.5	70	65	4	16	NPT ¾"	100	8.75	45
1"	94	108	79	70	4	16	NPT 1"	125	9.5	45
1 ½"	129	127	99	90	4	16	NPT 1 ½"	150	11	45
2"	145	152.4	120.6	100	4	19	NPT 2"	195	12.75	45
3"	213	190.5	152.5	125	4	19	NPT 3"	280	16	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	1
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
GASKET	PTFE	1
THRUST WASHER	PTFE	1
PACKING	PTFE	1
GLAND	304SS	1
HANDLE	304SS	1
SPRING WASHER	304SS	1
HANDLE NUT	304SS	1
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1



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BALL VALVE: 2-PIECE THREADED X FLANGED (B16.5) SAMPLER

Stainless Steel

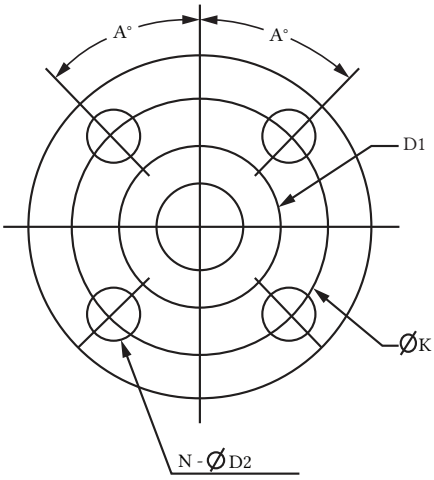
FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.5
- Square-head pipe plug: brass
- Sampler: 3/8” 304SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator



OPTION

- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS



Holes applied evenly, symmetrically to the axis.

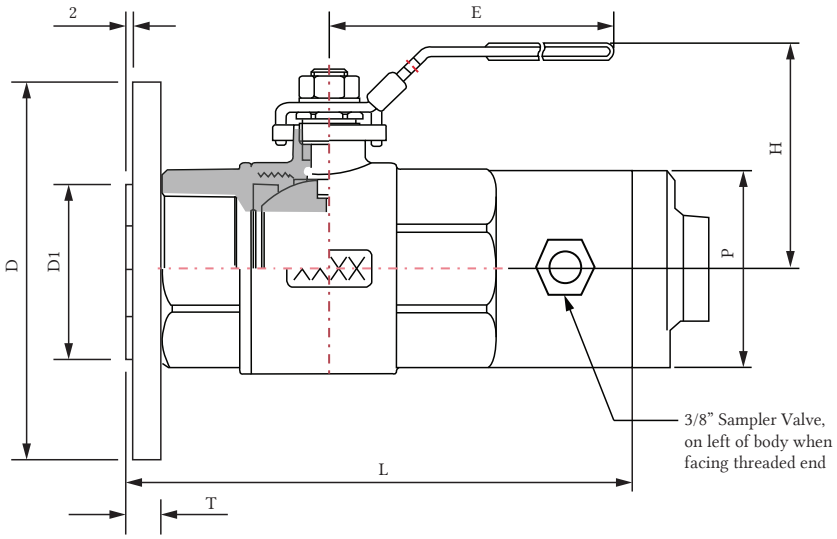
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 2-PIECE THREADED X FLANGED (B16.5) SAMPLER
Stainless Steel

DIMENSIONS											
SIZE	L+/-5	D	K	D1	H+/-5	N	D2	P	E+/-5	T	a
1”	143	108	79	50.8	70	4	16	NPT 1”	125	14.2	45
1 ½”	184	127	99	73.1	90	4	16	NPT 1 ½”	150	17.2	45
2”	208	152.4	120.6	92	100	4	19	NPT 2”	195	19	45
3”	294	190.5	152.5	127	125	4	19	NPT 3”	280	23.9	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	1
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
GASKET	PTFE	1
THRUST WASHER	PTFE	1
PACKING	PTFE	1
GLAND	304SS	1
HANDLE	304SS	1
SPRING WASHER	304SS	1
HANDLE NUT	304SS	1
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1
SAMPLER	304SS	1
EXTENSION	316SS	1



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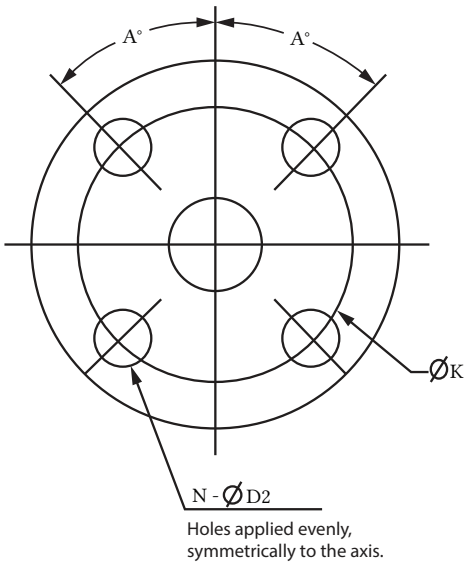
BALL VALVE: 2-PIECE THREADED X FLANGED (B16.24) SAMPLER

Stainless Steel

FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.24
- Square-head pipe plug: brass
- Sampler: 3/8” 304SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator





OPTION

- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

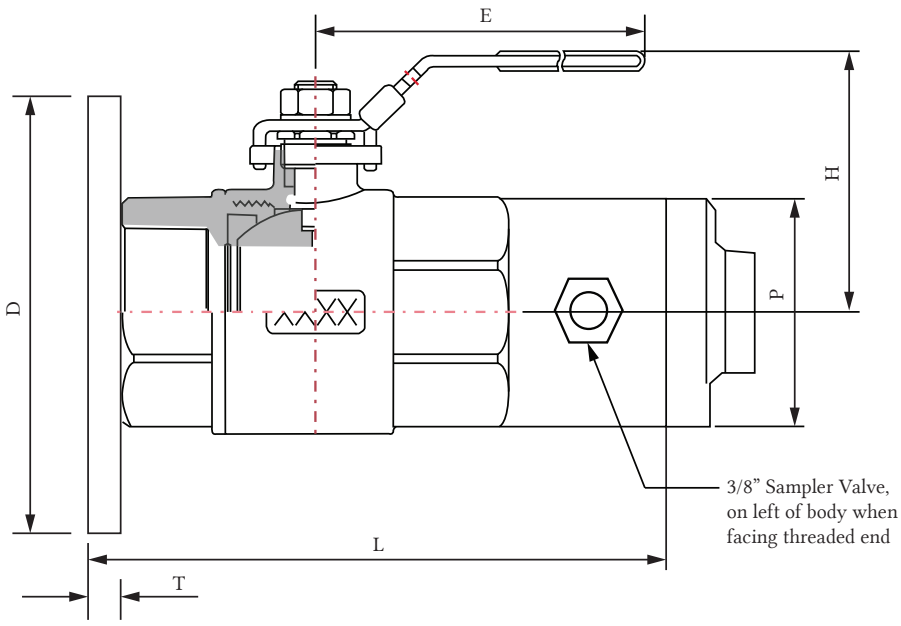
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 2-PIECE THREADED X FLANGED (B16.24) SAMPLER
Stainless Steel

DIMENSIONS										
SIZE	L+/-5	D	K	H+/-5	N	D2	P	E+/-5	T MIN	a
1"	138	108	79	70	4	16	NPT 1"	125	9.5	45
1 ½"	178	127	99	90	4	16	NPT 1 ½"	150	11	45
2"	202	152.4	120.6	100	4	19	NPT 2"	195	12.75	45
3"	286	190.5	152.5	125	4	19	NPT 3"	280	16	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	1
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
GASKET	PTFE	1
THRUST WASHER	PTFE	1
PACKING	PTFE	1
GLAND	304SS	1
HANDLE	304SS	1
SPRING WASHER	304SS	1
HANDLE NUT	304SS	1
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1
SAMPLER	304SS	1
EXTENSION	316SS	1



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BALL VALVE: 3-PIECE THREADED
Stainless Steel

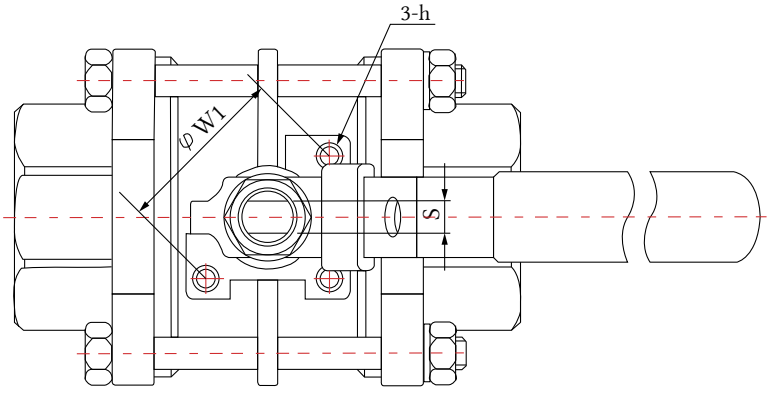
FEATURES

- Full port 1000WOG ball valve
- Steam rating: 150PSI WSP
- Blow-out-proof stem
- ISO 5211 actuator mounting pad
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 1000PSI
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator



OPTION

- Socket weld ends
- Butt weld ends

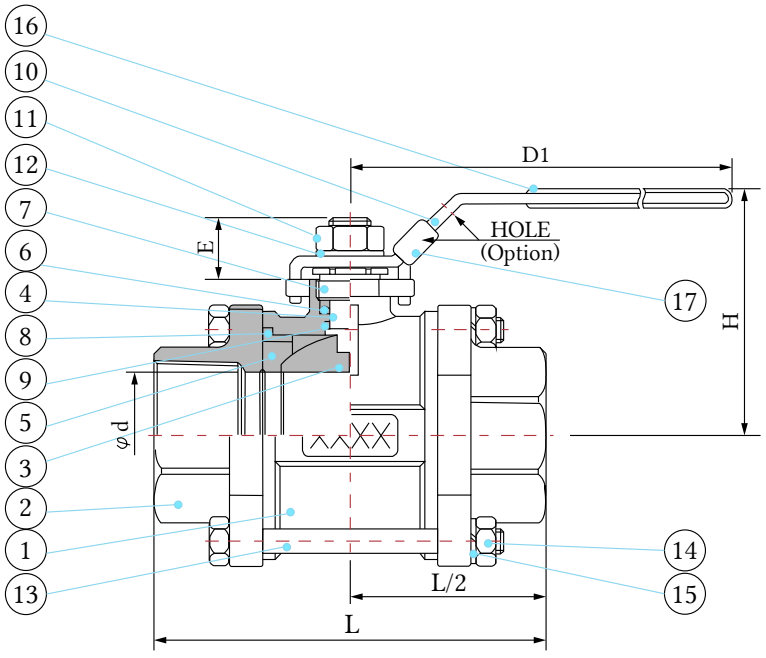


BALL VALVE: 3-PIECE THREADED
Stainless Steel

DIMENSIONS														
SIZE	A	B	C	D	E	d	L	D1	H	S	W1	h	Cv	WT
¼"	10	18.1	22.8	14.1	15.5	11	65	103	54	5.45	36	M5	16	0.48
⅜"	10	18.1	22.8	17.6	15.5	12.5	65	103	54	5.45	36	M5	16	0.46
½"	10	22.5	26.8	21.7	15.5	15	71	103	57	5.45	36	M5	26	0.58
¾"	13	28.3	34.6	27.1	19.5	20	85	127	67.1	6.2	36	M5	55	0.92
1"	13	35.0	39.5	33.8	19.5	25.4	95	127	70	6.2	36	M5	110	1.19
1 ¼"	13	44.1	49.0	42.6	25.5	32	111	153	91.1	9.4	50	M6	180	2.07
1 ½"	13	50	55.8	48.7	26.5	40	121	153	95.1	9.4	50	M6	270	2.75
2"	16	60.5	68	61.1	25.5	50.8	140	193	102	9.4	50	M6	500	4.07
2 ½"	16	77.8	88	73.8	39.5	65	173	279	120.8	12	70	M8	800	8.12
3"	16	89.1	105	89.8	37.5	80	192	279	129	12	102	M10	1150	12.71
4"	19	114.3	129.5	115.5	49.5	100	225	335	173.7	16	102	M10	2120	21.12

** All dimensions recorded in millimeters*

MATERIALS LIST			
No	PART	MATERIAL	QTY
1	BODY	ASTM A351 CF8M	1
2	CAP	ASTM A351 CF8M	2
3	BALL	ASTM A351 CF8M	1
4	STEM	ASTM A276 316SS	1
5	SEAT	RTFE (+15% GF)	2
6	PACKING	PTFE	1
7	GLAND	304SS	1
8	END SEALS	PTFE	2
9	THRUST WASHER	PTFE	1
10	HANDLE	304SS	1
11	HANDLE NUT	304SS	1
12	SPRING WASHER	304SS	1
13	BOLTS	ASTM A193 B8	4-6
14	BOLT NUTS	ASTM A194 8	4-6
15	BOLT WASHERS	304SS	4-6
16	HANDLE SLEEVE	PLASTIC	1
17	LOCKING DEVICE	304SS	1



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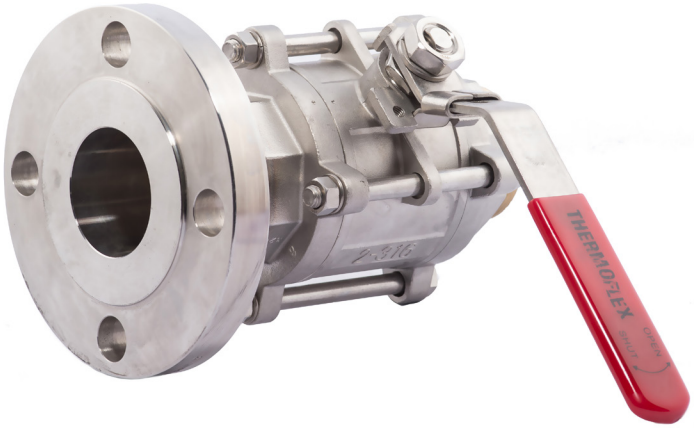
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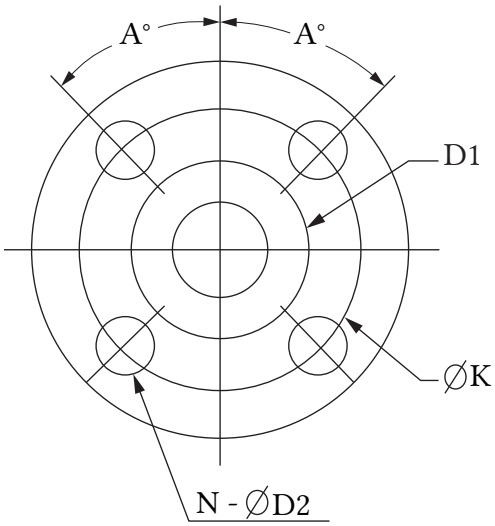
BALL VALVE: 3-PIECE THREADED X FLANGED (B16.5)

Stainless Steel

FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- ISO 5211 actuator mounting pad
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.5
- Square-head pipe plug: brass
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator





Holes applied evenly, symmetrically to the axis.

OPTION

- Socket weld X flanged
- Butt weld X flanged
- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

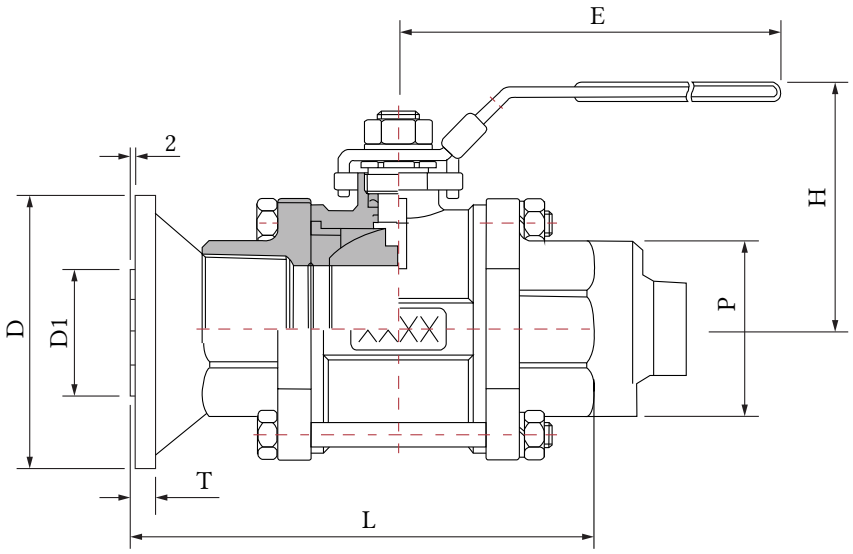
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 3-PIECE THREADED X FLANGED (B16.5)
Stainless Steel

DIMENSIONS											
SIZE	L+/-5	D	K	D1	H+/-5	N	D2	P	E+/-5	T	a
½"	113	89	60.4	35	55	4	16	NPT ½"	100	11.2	45
¾"	128	98.5	70	42.9	65	4	16	NPT ¾"	125	12.7	45
1"	140	108	79	50.8	70	4	16	NPT 1"	125	14.2	45
1 ½"	169.5	127	99	73.2	95	4	16	NPT 1 ½"	150	17.2	45
2"	192	152.4	120.6	92	100	4	19	NPT 2"	195	19	45
3"	246.5	190.5	152.5	127	135	4	19	NPT 3"	275	23.9	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	2
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
PACKING	PTFE	1
GLAND	304SS	1
END SEALS	PTFE	2
THRUST WASHER	PTFE	1
HANDLE	304SS	1
HANDLE NUT	304SS	1
SPRING WASHER	304SS	1
BOLTS	ASTM A193 B8	4-6
BOLT NUTS	ASTM A194 8	4-6
BOLT WASHERS	304SS	4-6
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1



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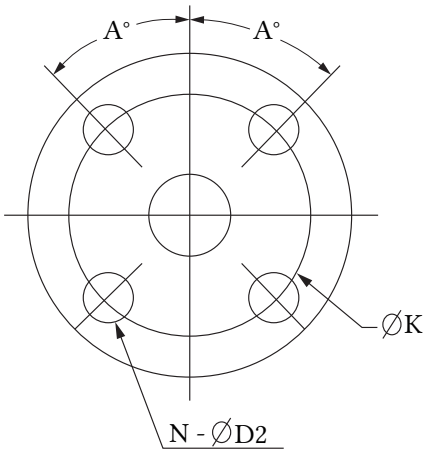
BALL VALVE: 3-PIECE THREADED X FLANGED (B16.24)

Stainless Steel



FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- ISO 5211 actuator mounting pad
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.24
- Square-head pipe plug: brass
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator



Holes applied evenly, symmetrically to the axis.

OPTION

- Socket weld X flanged
- Butt weld X flanged
- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

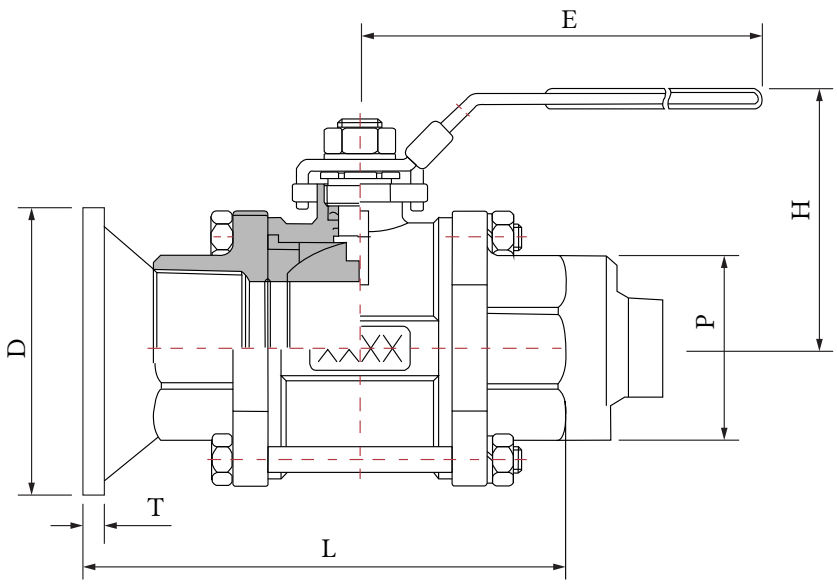
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 3-PIECE THREADED X FLANGED (B16.24)
Stainless Steel

DIMENSIONS										
SIZE	L+/-5	D	K	H+/-5	N	D2	P	E+/-5	T MIN	a
½"	110	89	60.4	55	4	16	NPT ½"	100	8	45
¾"	124	98.5	70	65	4	16	NPT ¾"	125	8.75	45
1"	135	108	79	70	4	16	NPT 1"	125	9.5	45
1 ½"	163.5	127	99	95	4	16	NPT 1 ½"	150	11	45
2"	186	152.4	120.6	100	4	19	NPT 2"	195	12.75	45
3"	238.5	190.5	152.5	135	4	19	NPT 3"	275	16	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	2
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
PACKING	PTFE	1
GLAND	304SS	1
END SEALS	PTFE	2
THRUST WASHER	PTFE	1
HANDLE	304SS	1
HANDLE NUT	304SS	1
SPRING WASHER	304SS	1
BOLTS	ASTM A193 B8	4-6
BOLT NUTS	ASTM A194 8	4-6
BOLT WASHERS	304SS	4-6
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1



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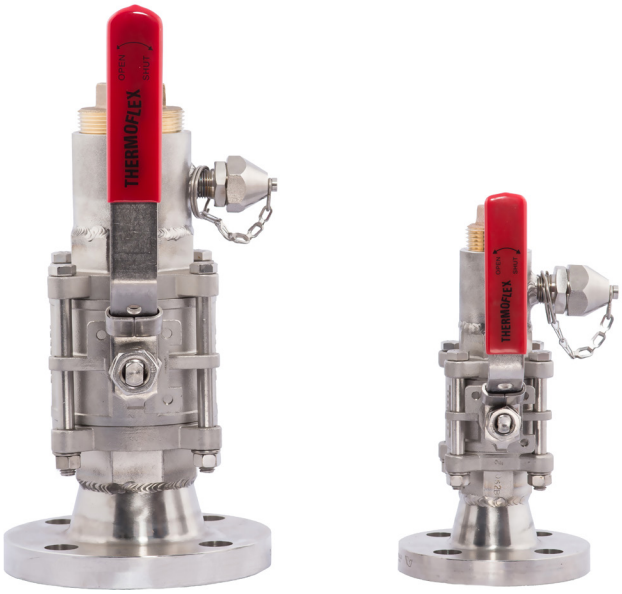
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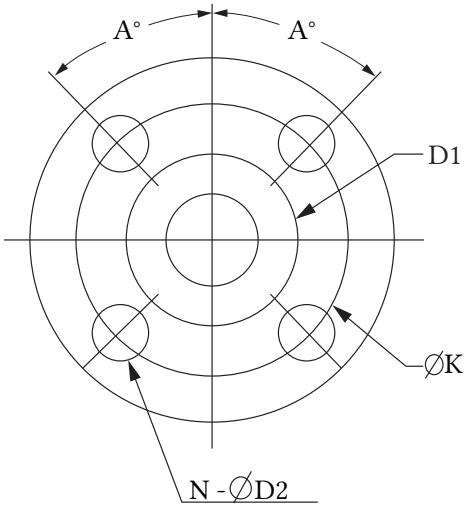
BALL VALVE: 3-PIECE THREADED X FLANGED (B16.5) SAMPLER

Stainless Steel

FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- ISO 5211 actuator mounting pad
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.5
- Square-head pipe plug: brass
- Sampler: 3/8” 304SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator





Holes applied evenly, symmetrically to the axis.

OPTION

- Socket weld X flanged
- Butt weld X flanged
- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

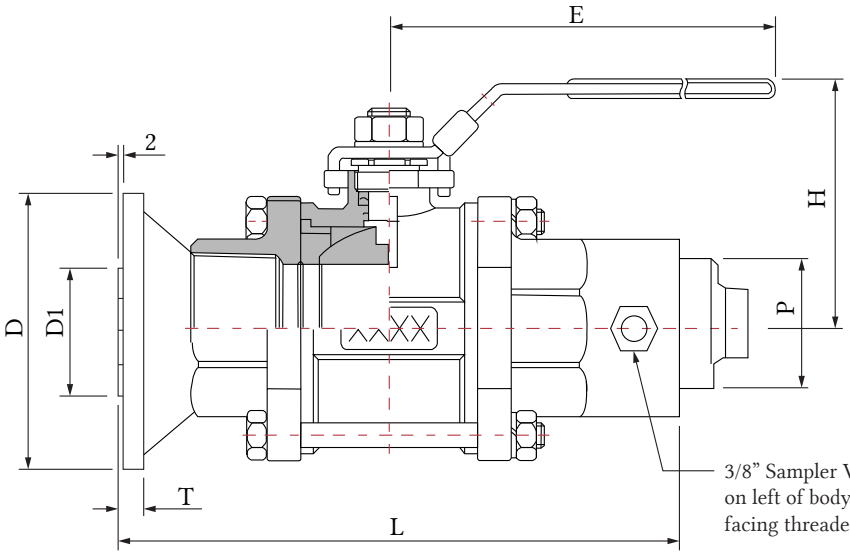
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 3-PIECE THREADED X FLANGED (B16.5) SAMPLER
Stainless Steel

DIMENSIONS											
SIZE	L+/-5	D	K	D1	H+/-5	N	D2	P	E+/-5	T	a
1”	184	108	79	50.8	70	4	16	NPT 1”	125	14.2	45
1 ½”	218.5	127	99	73.2	95	4	16	NPT 1 ½”	150	17.2	45
2”	249	152.4	120.6	92	100	4	19	NPT 2”	195	19	45
3”	319.5	190.5	152.5	127	135	4	19	NPT 3”	275	23.9	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	2
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
PACKING	PTFE	1
GLAND	304SS	1
END SEALS	PTFE	2
THRUST WASHER	PTFE	1
HANDLE	304SS	1
HANDLE NUT	304SS	1
SPRING WASHER	304SS	1
BOLTS	ASTM A193 B8	4-6
BOLT NUTS	ASTM A194 8	4-6
BOLT WASHERS	304SS	4-6
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1
SAMPLER	304SS	1
EXTENSION	316SS	1



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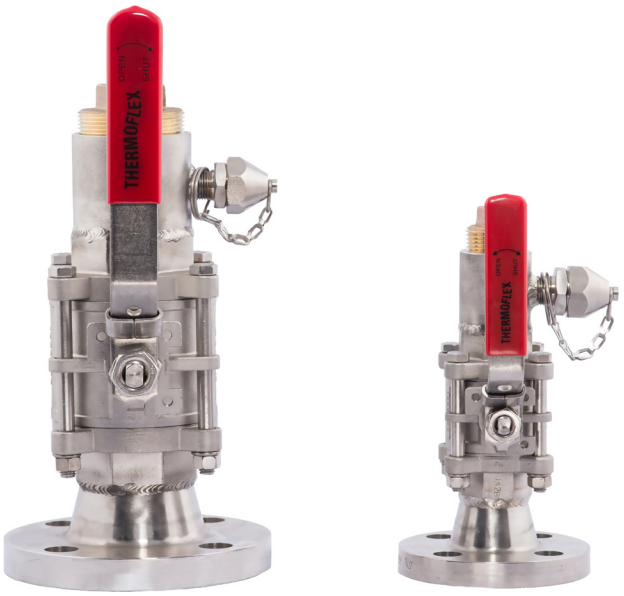
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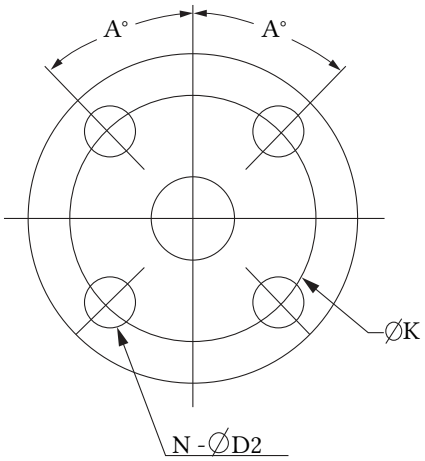
BALL VALVE: 3-PIECE THREADED X FLANGED (B16.24) SAMPLER

Stainless Steel

FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- ISO 5211 actuator mounting pad
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.24
- Square-head pipe plug: brass
- Sampler: 3/8” 304SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator





OPTION

- Socket weld X flanged
- Butt weld X flanged
- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

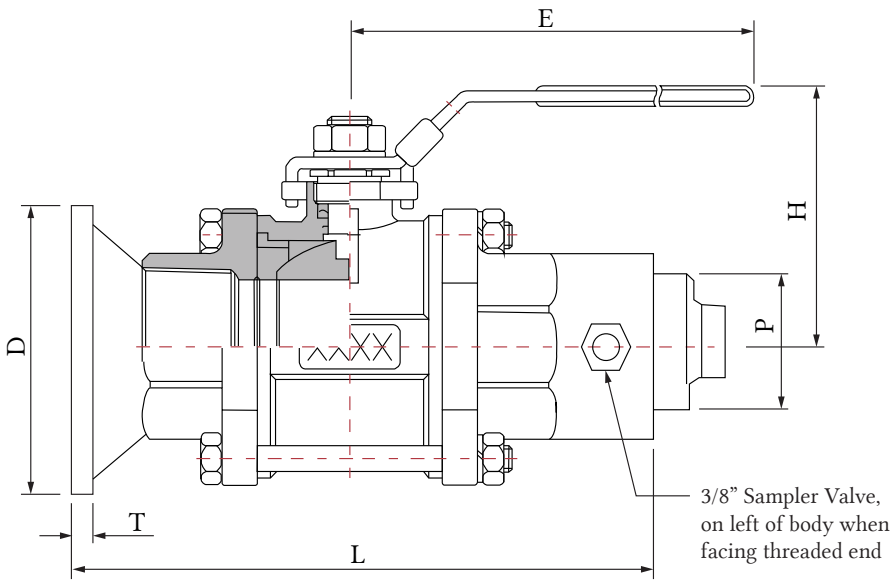
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 3-PIECE THREADED X FLANGED (B16.24) SAMPLER
Stainless Steel

DIMENSIONS										
SIZE	L+/-5	D	K	H+/-5	N	D2	P	E+/-5	T MIN	a
1"	179	108	79	70	4	16	NPT 1"	125	9.5	45
1 ½"	212.5	127	99	95	4	16	NPT 1 ½"	150	11	45
2"	243	152.4	120.6	100	4	19	NPT 2"	195	12.75	45
3"	311.5	190.5	152.5	135	4	19	NPT 3"	275	16	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	2
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
PACKING	PTFE	1
GLAND	304SS	1
END SEALS	PTFE	2
THRUST WASHER	PTFE	1
HANDLE	304SS	1
HANDLE NUT	304SS	1
SPRING WASHER	304SS	1
BOLTS	ASTM A193 B8	4-6
BOLT NUTS	ASTM A194 8	4-6
BOLT WASHERS	304SS	4-6
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1
SAMPLER	304SS	1
EXTENSION	316SS	1



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BALL VALVE: 2-PIECE FLANGED X FLANGED – CLASS 150 (B16.5/B16.10)

Stainless Steel

FEATURES

- Full port class 150 ball valve
- Steam rating: 150PSI WSP
- Blow-out-proof stem
- ISO 5211 actuator mounting pad
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Temperature range: -58°F to 475°F (-50°C to 246°C)
- Test standard: API 598
- Face to face: ANSI B16.10
- Flange: 316SS Class 150 ANSI B16.5
- Anti-static device
- Open/close position indicator



OPTION

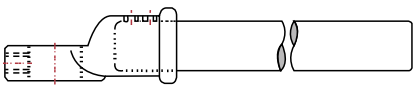
- Padlocking device
- Class 300

BALL VALVE: 2-PIECE FLANGED X FLANGED – CLASS 150 (B16.5/B16.10) - Stainless Steel

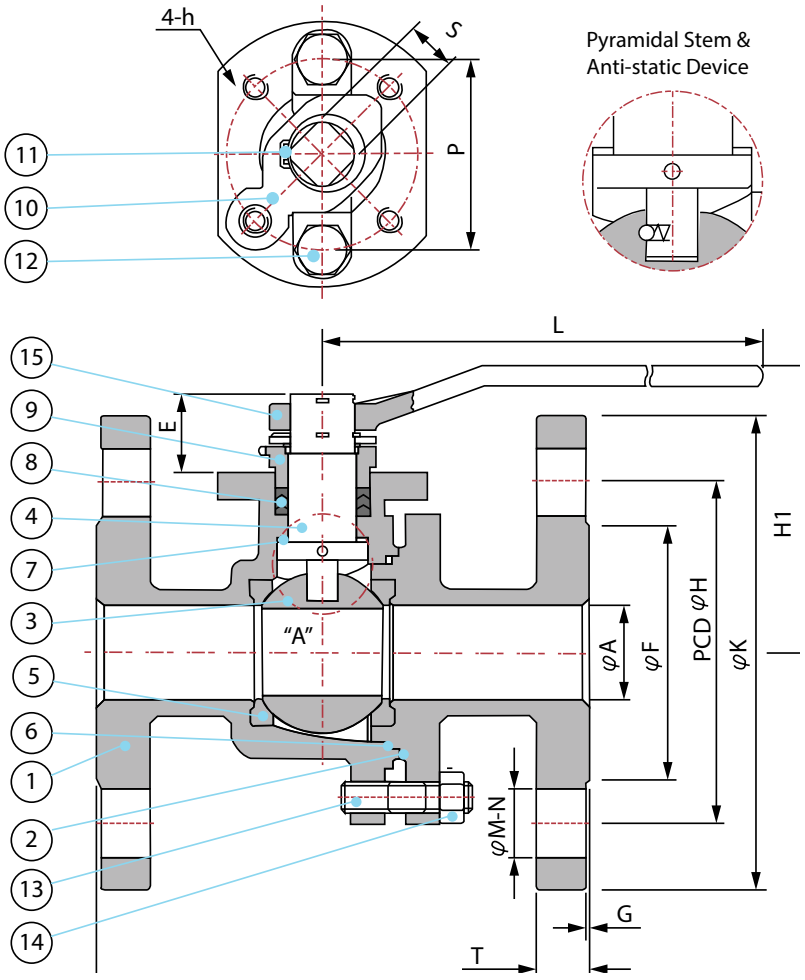
DIMENSIONS																	
SIZE	A	B	E	P	S	L	H1	h	Cv	WT	F	G	H	K	T	M	N
½"	15	107.9	25	42	11	131.5	73.8	M5	26	2	35	1.6	60.4	88.9	11.2	15.7	4
¾"	20	117.3	26	42	11	131.5	74.8	M5	55	2.5	42.9	1.6	69.8	98.5	11.2	15.7	4
1"	25	127	31.5	50	14	163	87.4	M6	110	3	50.8	1.6	79.2	107.9	11.2	15.7	4
1 ¼"	32	139.7	31.5	50	14	163	92.2	M6	180	4.5	63.5	1.6	88.9	117.3	12.7	15.7	4
1 ½"	40	165.1	42	70	17	232	121	M8	270	6	73.1	1.6	98.5	127	14.2	15.7	4
2"	50	177.8	42	70	17	232	129	M8	500	8.5	91.9	1.6	120.6	152.4	15.7	19	4
2 ½"	60	190.5	42	70	17	232	141	M8	800	13	104.6	1.6	139.7	177.8	17.5	19	4
3"	80	203.2	56	102	22	327	165.7	M10	1150	18	127	1.6	152.4	190.5	19	19	4
4"	100	228.6	56	102	22	327	180.7	M10	2120	28	157.2	1.6	190.5	228.6	23.8	19	8
6"	150	393.7	67	125	27	1072	252.8	M12	5100	75	215.9	1.6	241.3	279.4	25.4	22.3	8
8"	200	457.2	66.5	140	33	1080	297.9	M16	9400	110	269.7	1.6	298.4	342.9	28.4	22.3	8

** All dimensions recorded in millimeters*

MATERIALS LIST			
No	PART	MATERIAL	QTY
1	BODY	ASTM A351 CF8M	1
2	CAP	ASTM A351 CF8M	1
3	BALL	ASTM A351 CF8M	1
4	STEM	ASTM A276 316SS	1
5	SEAT	RTFE	2
6	GASKET	RTFE	1
7	THRUST WASHER	RTFE	1
8	PACKING	RTFE	1
9	GLAND	ASTM A351 CF8M	1
10	STOPPER	304SS	1
11	SNAP RING	304SS	2
12	GLAND BOLT	ASTM A193 B8	2
13	STUD BOLT	ASTM A193 B8	4-12
14	SET NUT	ASTM A194 8M	4-12
15	HANDLE	304SS	1
16	LOCKING DEVICE OPTION*	304SS	1



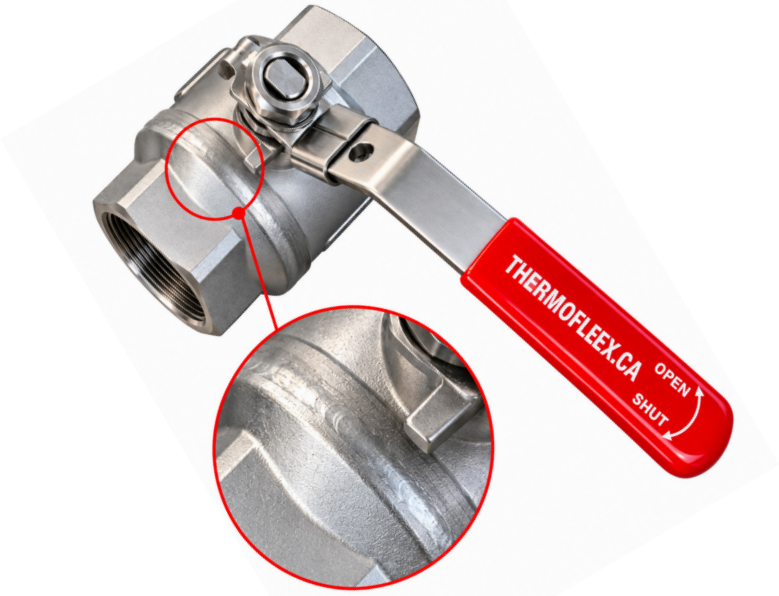
HANDLE FOR 5"- 8"



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BALL VALVE: 2-PIECE THREADED, SEAL WELDED - Stainless Steel

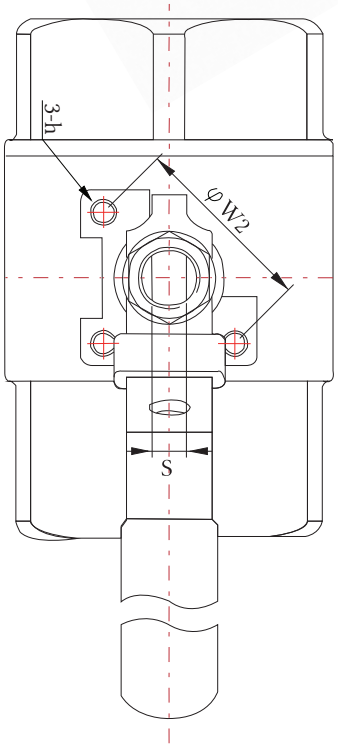


FEATURES

- Full port 1000WOG ball valve
- Steam rating: 150PSI WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 1000PSI
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator
- **Threaded valve articulation seal welded**

OPTION

- ¼" – 1" working pressure 2000PSI (standard port)
- 1¼" – 2" working pressure 1500PSI (standard port)

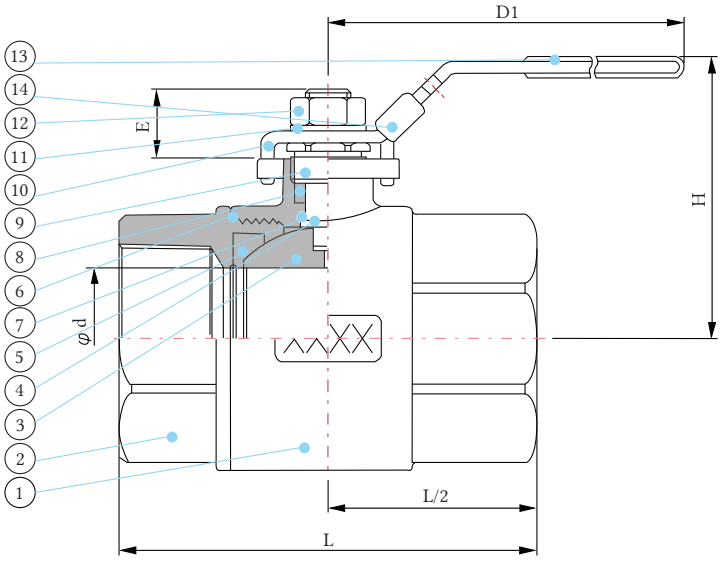


BALL VALVE: 2-PIECE THREADED, SEAL WELDED
Stainless Steel

DIMENSIONS											
SIZE	d	E	L	L2	H	S	D1	W2	h	CV	WT
¼"	11	15.5	57.8	28.8	57.2	5.45	103	-	-	16	0.57
⅜"	12.5	15.5	57.8	28.8	57.2	5.45	103	-	-	16	0.53
½"	15	14.5	61.7	30.7	59.1	5.45	103	-	-	26	0.66
¾"	20	21	70.1	35	62.6	5.45	103	-	-	55	0.93
1"	25	19.5	81.3	40.2	70.7	6.2	127	-	-	110	1.54
1 ¼"	32	27.9	96	47.2	76.2	6.2	127	-	-	180	2.42
1 ½"	38	27.5	112.5	55.6	89.1	9.4	153	-	-	270	4.10
2"	50.8	26.7	126	62.4	98.2	9.4	193	-	-	500	6.28
2 ½"	65	26	168.5	85	110.6	9.4	193	70	M8	800	13.77
3"	80	38	191.4	95.9	124	12	279	102	M10	1150	22.95
4"	100	48	216.5	108.3	168.5	16	335	102	M10	2120	37.89

** All dimensions recorded in millimeters*

MATERIALS LIST			
No	PART	MATERIAL	QTY
1	BODY	ASTM A351 CF8M	1
2	CAP	ASTM A351 CF8M	1
3	BALL	ASTM A351 CF8M	1
4	STEM	ASTM A276 316SS	1
5	SEAT	RTFE (+15% GF)	2
6	GASKET	PTFE	1
7	THRUST WASHER	PTFE	1
8	PACKING	PTFE	1
9	GLAND	304SS	1
10	HANDLE	304SS	1
11	SPRING WASHER	304SS	1
12	HANDLE NUT	304SS	1
13	HANDLE SLEEVE	PLASTIC	1
14	LOCKING DEVICE	304SS	1



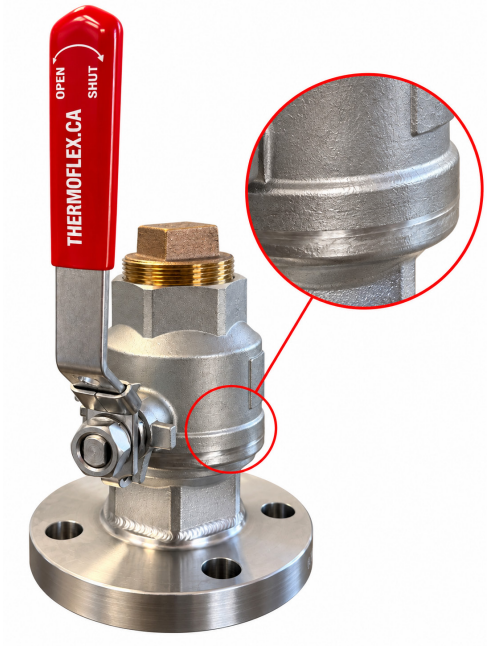
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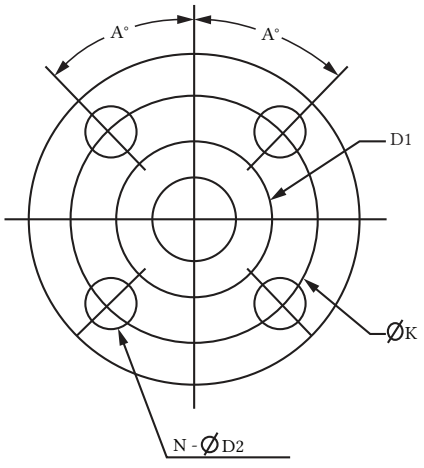
BALL VALVE: 2-PIECE THREADED, SEAL WELDED X FLANGED (B16.5)

Stainless Steel



FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.5
- Square-head pipe plug: brass
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator
- **Threaded valve articulation seal welded**



Holes applied evenly, symmetrically to the axis.

OPTION

- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

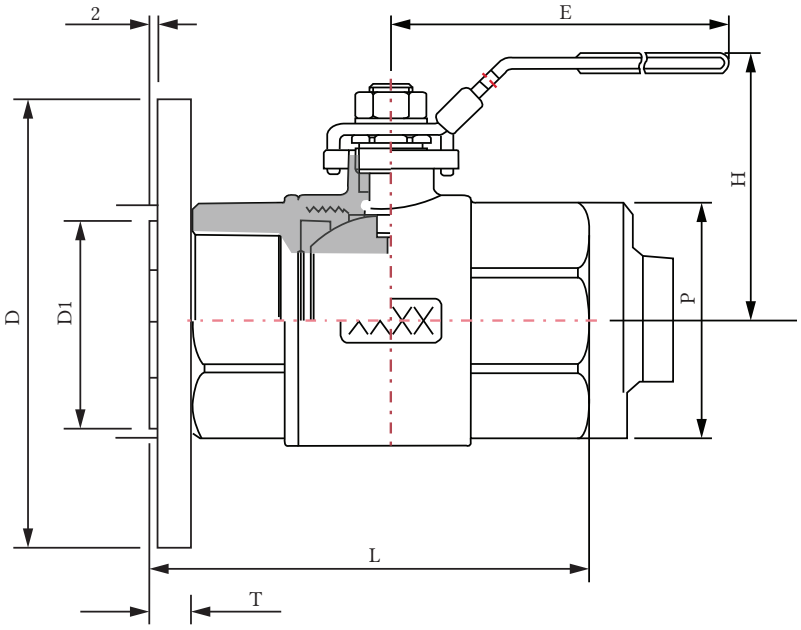
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 2-PIECE THREADED, SEAL WELDED X FLANGED (B16.5) - Stainless Steel

DIMENSIONS											
SIZE	L+/-5	D	K	D1	H+/-5	N	D2	P	E+/-5	T	a
½"	77.5	89	60.4	35	55	4	16	NPT ½"	100	11.2	45
¾"	86	98.5	70	42.9	65	4	16	NPT ¾"	100	12.7	45
1"	99	108	79	50.8	70	4	16	NPT 1"	125	14.2	45
1 ½"	135	127	99	73.1	90	4	16	NPT 1 ½"	150	17.2	45
2"	151	152.4	120.6	92	100	4	19	NPT 2"	195	19	45
3"	221	190.5	152.5	127	125	4	19	NPT 3"	280	23.9	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	1
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
GASKET	PTFE	1
THRUST WASHER	PTFE	1
PACKING	PTFE	1
GLAND	304SS	1
HANDLE	304SS	1
SPRING WASHER	304SS	1
HANDLE NUT	304SS	1
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1

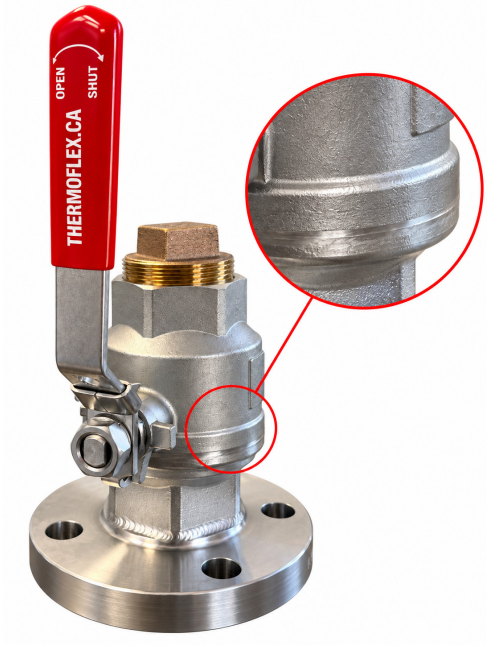


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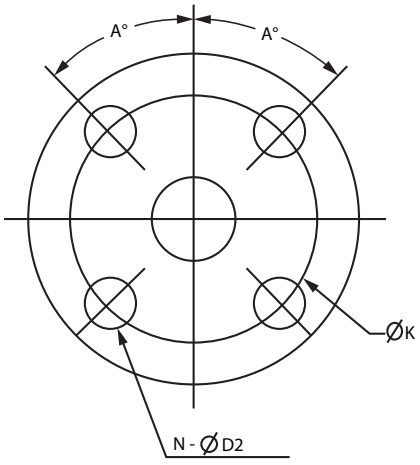
BALL VALVE: 2-PIECE THREADED, SEAL WELDED X FLANGED (B16.24)

Stainless Steel



FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.24
- Square-head pipe plug: brass
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator
- **Threaded valve articulation seal welded**



Holes applied evenly, symmetrically to the axis.

OPTION

- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

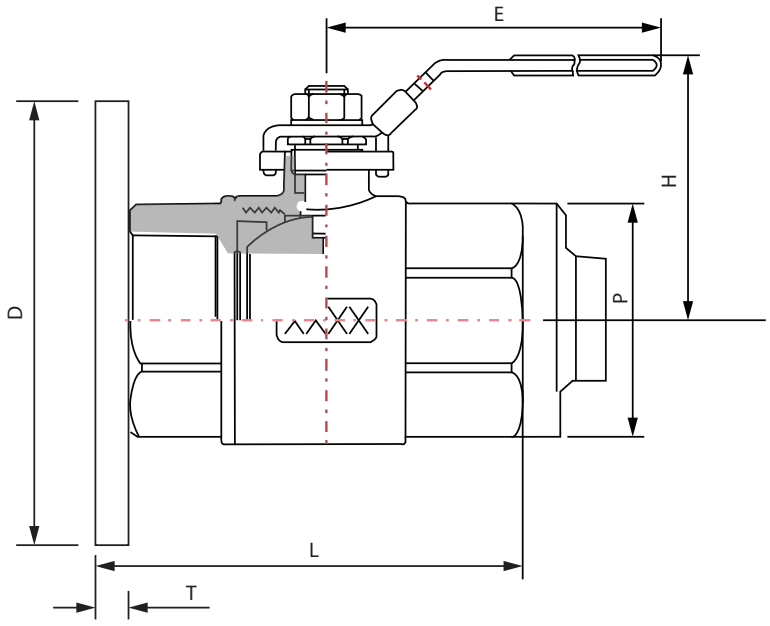
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 2-PIECE THREADED, SEAL WELDED X FLANGED (B16.24) - Stainless Steel

DIMENSIONS										
SIZE	L+/-5	D	K	H+/-5	N	D2	P	E+/-5	T MIN	a
½"	74.5	89	60.4	55	4	16	NPT ½"	100	8	45
¾"	82	98.5	70	65	4	16	NPT ¾"	100	8.75	45
1"	94	108	79	70	4	16	NPT 1"	125	9.5	45
1 ½"	129	127	99	90	4	16	NPT 1 ½"	150	11	45
2"	145	152.4	120.6	100	4	19	NPT 2"	195	12.75	45
3"	213	190.5	152.5	125	4	19	NPT 3"	280	16	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	1
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
GASKET	PTFE	1
THRUST WASHER	PTFE	1
PACKING	PTFE	1
GLAND	304SS	1
HANDLE	304SS	1
SPRING WASHER	304SS	1
HANDLE NUT	304SS	1
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1



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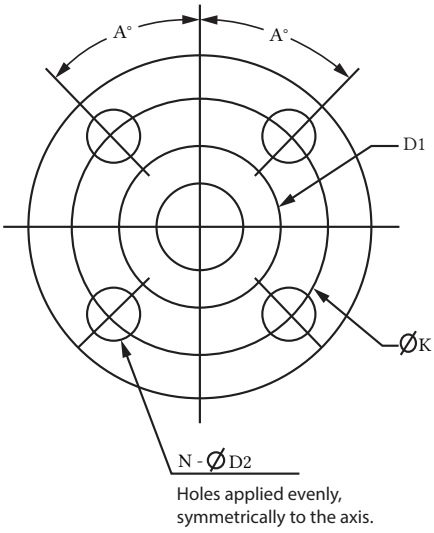
BALL VALVE: 2-PIECE THREADED, SEAL WELDED X FLANGED (B16.5) SAMPLER

Stainless Steel



FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.5
- Square-head pipe plug: brass
- Sampler: 3/8” 304SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator
- **Threaded valve articulation seal welded**



OPTION

- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

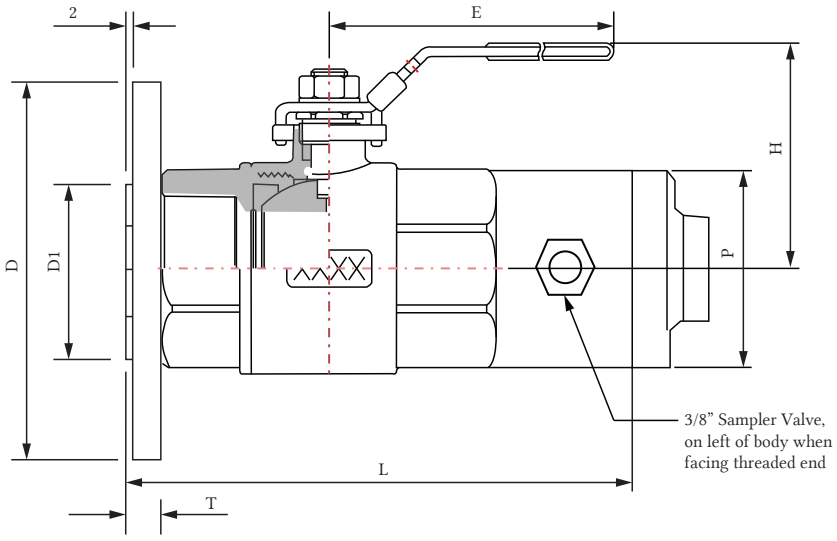
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 2-PIECE THREADED, SEAL WELDED X FLANGED (B16.5) SAMPLER - Stainless Steel

DIMENSIONS											
SIZE	L+/-5	D	K	D1	H+/-5	N	D2	P	E+/-5	T	a
1”	143	108	79	50.8	70	4	16	NPT 1”	125	14.2	45
1 ½”	184	127	99	73.1	90	4	16	NPT 1 ½”	150	17.2	45
2”	208	152.4	120.6	92	100	4	19	NPT 2”	195	19	45
3”	294	190.5	152.5	127	125	4	19	NPT 3”	280	23.9	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	1
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
GASKET	PTFE	1
THRUST WASHER	PTFE	1
PACKING	PTFE	1
GLAND	304SS	1
HANDLE	304SS	1
SPRING WASHER	304SS	1
HANDLE NUT	304SS	1
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1
SAMPLER	304SS	1
EXTENSION	316SS	1



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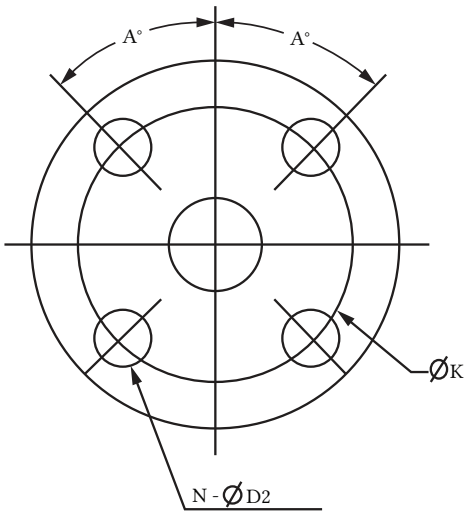
BALL VALVE: 2-PIECE THREADED, SEAL WELDED X FLANGED (B16.24) SAMPLER

Stainless Steel



FEATURES

- Full port 1000WOG* ball valve
- Steam rating: 150PSI* WSP
- Blow-out-proof stem
- Body: ASTM A351 CF8M
- Ball: ASTM A351 CF8M
- Stem: ASTM A276 316SS
- Flange: 316SS Class 150 ANSI B16.24
- Square-head pipe plug: brass
- Sampler: 3/8” 304SS
- Adjustable stem packing
- Seat: reinforced teflon (RTFE)
- Working pressure: 150PSI*
- Temperature range: -58°F to 450°F (-50°C to 232°C)
- Test standard: API 598
- Padlocking device
- Open/close position indicator
- **Threaded valve articulation seal welded**



Holes applied evenly, symmetrically to the axis.

OPTION

- Square-head pipe plug: available in 304SS/316SS
- Flange: available in 304SS

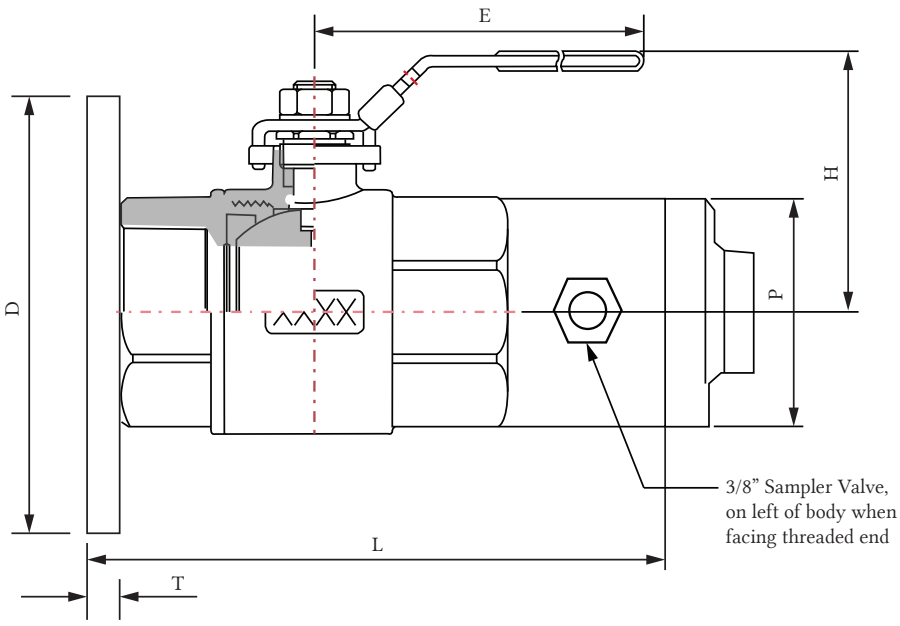
** Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

BALL VALVE: 2-PIECE THREADED, SEAL WELDED X FLANGED (B16.24) SAMPLER - Stainless Steel

DIMENSIONS										
SIZE	L+/-5	D	K	H+/-5	N	D2	P	E+/-5	T MIN	a
1"	138	108	79	70	4	16	NPT 1"	125	9.5	45
1 ½"	178	127	99	90	4	16	NPT 1 ½"	150	11	45
2"	202	152.4	120.6	100	4	19	NPT 2"	195	12.75	45
3"	286	190.5	152.5	125	4	19	NPT 3"	280	16	45

** All dimensions recorded in millimeters*

MATERIALS LIST		
PART	MATERIAL	QTY
BODY	ASTM A351 CF8M	1
CAP	ASTM A351 CF8M	1
BALL	ASTM A351 CF8M	1
STEM	ASTM A276 316SS	1
SEAT	RTFE (+15% GF)	2
GASKET	PTFE	1
THRUST WASHER	PTFE	1
PACKING	PTFE	1
GLAND	304SS	1
HANDLE	304SS	1
SPRING WASHER	304SS	1
HANDLE NUT	304SS	1
HANDLE SLEEVE	PLASTIC	1
LOCKING DEVICE	304SS	1
PIPE PLUG	BRASS	1
FLANGE	316SS	1
SAMPLER	304SS	1
EXTENSION	316SS	1



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