

FIG.1118F

GATE VALVE ANSI CLASS 150 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WAL THICKNESS: API 600
VALVE DESIGN: API 600
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
OUTSIDE SCREW & JOKE (OS&Y)
UNIVERSAL TRIM 8

TEST SPECIFICATION

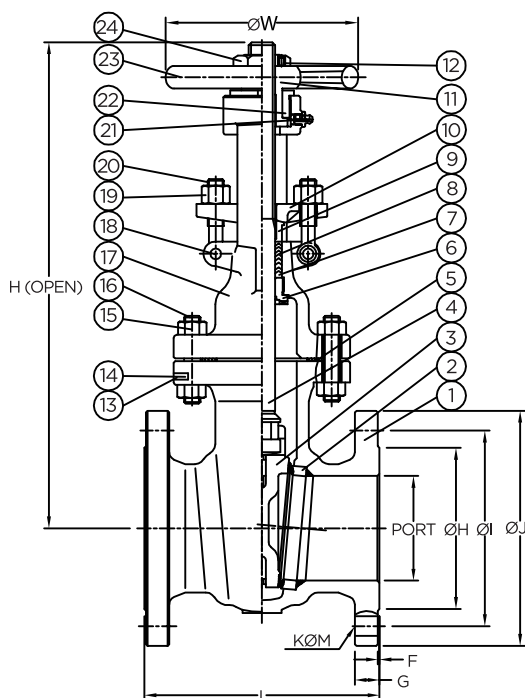
TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 285 PSI
SHELL TEST (WATER): 450 PSIG
BACK SEAT & SEAT TEST (WATER): 314 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
150
WCB


MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL#6
3	WEDGE	ASTM A-216 Gr. WCB+13Cr
4	STEM	ASTM A-182 Gr. F6a
5	GASKET	304+GRAPHITE
6	BACK SEAT	ASTM A-276 Gr. 410
7	PACKING	GRAPHITE
8	PACKING	SS WIRE + GRAPHITE
9	GLAND	ASTM A-276 Gr. 410
10	GLAND FLANGE	ASTM A-216 Gr. WCB
11	STEM NUT	ASTM A-439 Gr. D-2
12	SCREW	ASTM A-29 Gr. 1035
13	NAMEPLATE	SS304
14	RIVET	SS304
15	NUT	ASTM A-194 Gr. 2H
16	BOLT	ASTM A-193 Gr. B7
17	BONNET	ASTM A-216 Gr. WCB
18	PIN	ASTM A-29 Gr. 1035
19	EYE NUT	ASTM A-194 Gr. 2H
20	EYE BOLT	ASTM A-193 Gr. B7
21	OIL FILLER	CARBON STEEL
22	SLEEVE	ASTM A-29 Gr. 1020
23	HANDWHEEL	ASTM A-536 Gr. 65-45-12
24	LOCK NUT	ASTM/ANSI 1020



DIMENSIONS, WEIGHT & TORQUE

MODEL	SIZE		PORT	L	H	ØW	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	TORQUE (LBS-INCH)
1118F-09	2"	DN50	1.00	3.13	2.01	4.33	4-0.63	0.44	4.27	M6	1.80	0.63	0.37	0.95	252.80
1118F-10	2 ½"	DN65	1.93	4.75	3.62	6.00	4-0.75	0.73	5.91	1/4-20	1.75	0.86	0.55	0.98	284.20
1118F-11	3"	DN80	2.56	5.50	4.13	7.09	4-0.75	0.71	6.32	1/4-20	1.75	0.86	0.55	0.98	425.60
1118F-12	4"	DN100	2.91	6.00	5.00	7.50	4-0.75	0.87	6.88	5/16-18	2.75	1.24	0.87	1.34	494.80
1118F-13	5"	DN125	3.94	7.50	6.18	9.00	8-0.75	0.94	9.11	3/8-16	4.00	1.37	0.95	1.56	662.50
1118F-14	6"	DN150	4.92	8.50	7.32	10.04	8-0.88	0.96	10.83	0.55	4.92	1.37	0.95	1.47	857.60
1118F-15	8"	DN200	5.91	9.50	8.50	10.98	8-0.88	1.00	12.52	0.71	6.50	1.58	1.06	2.19	1151.20
1118F-16	10"	DN250	7.91	11.75	10.63	13.58	8-0.88	1.13	14.37	0.87	6.50	1.97	1.42	2.36	1592.80
1118F-17	12"	DN300	9.92	14.25	12.76	15.94	12-1.02	1.20	16.34	0.87	6.50	1.97	1.42	2.36	2833.10

*WEIGHT IS ESTIMATED

*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG.1318F

GATE VALVE ANSI CLASS 300 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 600
VALVE DESIGN: API 600
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
OUTSIDE SCREW & JOKE (OS&Y)
UNIVERSAL TRIM 8

TEST SPECIFICATION

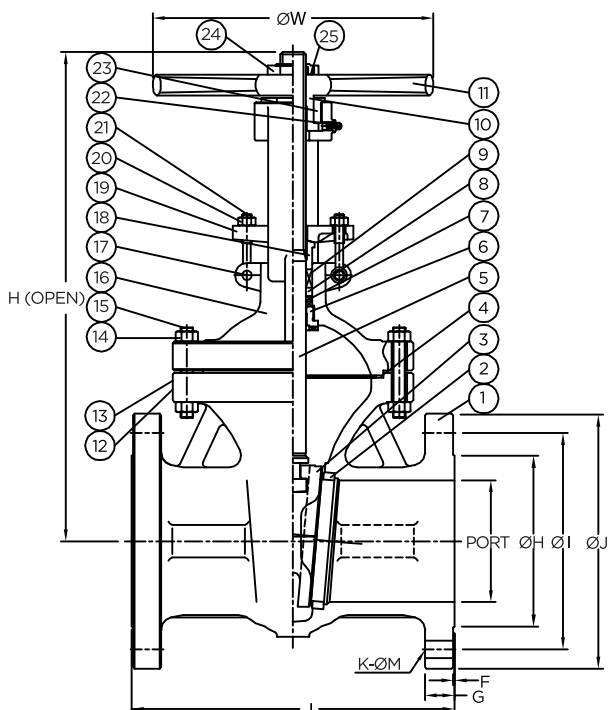
TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 740 PSI
SHELL TEST (WATER): 1110 PSIG
BACK SEAT & SEAT TEST (WATER): 814 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
300
WCB


MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL#6
3	WEDGE	ASTM A-216 Gr. WCB+13Cr
4	GASKET	304+GRAPHITE
5	STEM	ASTM A-182 Gr. F6a
6	BACK SEAT	ASTM A-276 Gr. 410
7	PACKING	GRAPHITE
8	SPACER	ASTM A-276 Gr. 410
9	PACKING	SS WIRE + GRAPHITE
10	STEM NUT	ASTM A-439 Gr. D-2
11	HANDWHEEL	ASTM A-536 Gr. 65-45-12
12	NAMEPLATE	SS304
13	RIVET	SS304
14	NUT	ASTM A-194 Gr. 2H
15	BOLT	ASTM A-193 Gr. B7
16	BONNET	ASTM A-216 Gr. WCB
17	PIN	ASTM A-29 Gr. 1035
18	GLAND	ASTM A-276 Gr. 410
19	GLAND FLANGE	ASTM A-216 Gr. WCB
20	EYE NUT	ASTM A-194 Gr. 2H
21	EYE BOLT	ASTM A-193 Gr. B7
22	OIL FILLER	CARBON STEEL
23	SLEEVE	ASTM/ANSI 1020
24	LOCK NUT	ASTM/ANSI 1020
25	SCREW	ASTM A-29 Gr. 1035



DIMENSIONS & WEIGHT

MODEL	SIZE	PORT	L	H	ØW	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	TORQUE (LBS-INCH)
1318F-09	2"	DN50	2.00	8.50	16.54	7.88	6.50	5.00	3.62	0.88	0.06	8.00	23.97	265.50
1318F-10	2 1/2"	DN65	2.50	9.50	17.72	7.88	7.50	5.88	4.12	1.00	0.06	8.00	38.50	305.80
1318F-11	3"	DN80	3.00	11.12	20.71	9.84	8.25	6.62	5.00	1.12	0.06	8.00	47.58	442.50
1318F-12	4"	DN100	4.00	12.00	24.41	9.84	10.00	7.88	6.19	1.25	0.06	8.00	65.60	531.20
1318F-13	5"	DN125	5.00	15.00	27.32	11.81	10.98	9.25	7.32	1.38	0.06	8.00	97.88	839.00
1318F-14	6"	DN150	6.00	15.88	32.44	13.78	12.50	10.62	8.50	1.44	0.06	12.00	137.61	1239.00
1318F-15	8"	DN200	8.00	16.50	39.45	15.75	15.00	13.00	10.62	1.62	0.06	12.00	206.34	1681.40
1318F-16	10"	DN250	10.00	18.00	47.32	17.72	17.50	15.25	12.75	1.88	0.06	16.00	334.83	2787.80
1318F-17	12"	DN300	12.00	19.75	55.31	19.69	20.50	17.75	15.00	2.00	0.06	16.00	466.98	3982.50

*WEIGHT IS ESTIMATED

*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG. 1618F

GATE VALVE ANSI CLASS 600 FLANGED END RF, CARBON STEEL WCB

TECHNICAL SPECIFICATION

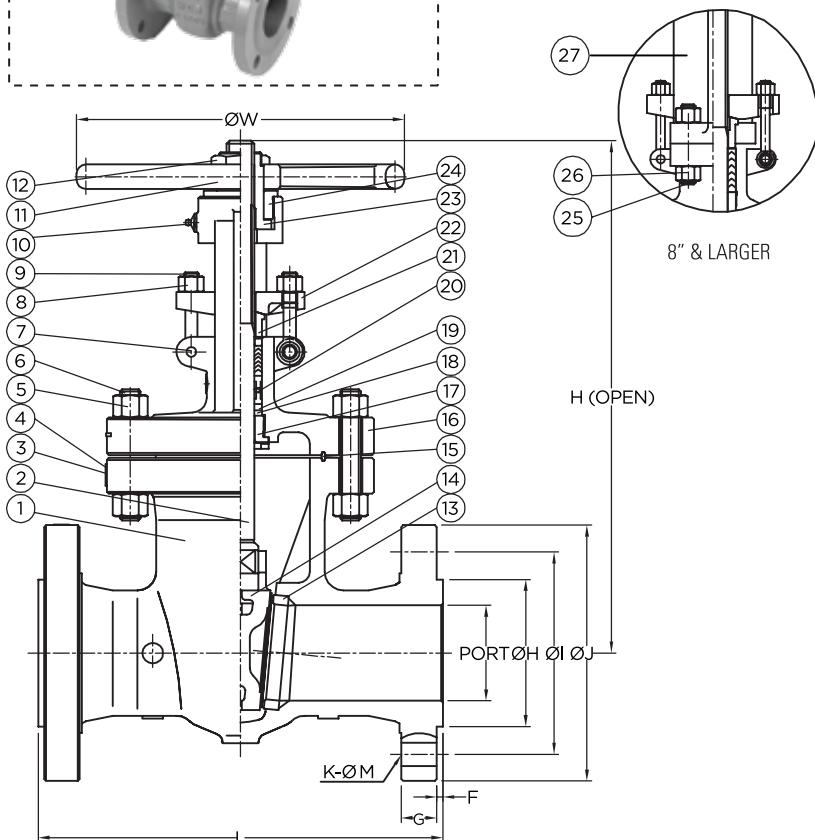
SHELL WALL THICKNESS: API 600
VALVE DESIGN: API 600
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
OUTSIDE SCREW & JOKE (OS&Y)
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TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 1480 PSI
SHELL TEST: 2220 PSIG
BACK SEAT & SEAT TEST: 1628 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
600
WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	STEM	ASTM A-182 Gr. F6
3	RIVET	SS304
4	NAME PLATE	SS304
5	NUT	ASTM A-194 Gr. 2H
6	BOLT	ASTM A-193 Gr. B7
7	PIN	ASTM A29 Gr. 1045
8	EYE NUT	ASTM A-194 Gr. 2H
9	EYE BOLT	ASTM A-193 Gr. B7
10	OIL FILLER	CARBON STEEL
11	HANDWHEEL	ASTM A-536 GR. 66-45-12
12	LOCK NUT	ASTM/ANSI 1020
13	SEAT RING	ASTM A-105+STL#6
14	WEDGE	ASTM A-216 Gr. WCB+13Cr
15	GASKET	RING JOINT-SOFT IRON
16	BONNET	ASTM A-216 Gr. WCB
17	BACK SEAT	ASTM A-276 Gr. 410
18	PACKING	STAINLESS STEEL WIRE + GRAPHITE
19	PACKING	STAINLESS STEEL WIRE + GRAPHITE
20	DISTANCE RING	ASTM A-276 Gr. 410
21	GLAND	ASTM A-276 Gr. 410
22	GLAND FLANGE	ASTM A-216 Gr. WCB
23	STEM NUT	ASTM A-439 Gr. D-2
24	SLEEVE	ASTM/ANSI 1020
25	YOKE BOLT	ASTM A-193 Gr. B7
26	YOKE NUT	ASTM A-194 Gr. 2H
27	YOKE	ASTM A-216 Gr. WCB

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H	ØW	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	TORQUE (LBS-INCH)
1618F-09	2"	DN50	2.00	11.50	17.32	9.84	6.50	5.00	3.62	1.00	0.25	8.00	0.75	33.05	973.50
1618F-10	2 ½"	DN65	2.50	13.00	19.80	9.84	7.50	5.88	4.12	1.12	0.25	8.00	0.87	58.07	1106.30
1618F-11	3"	DN80	3.00	14.00	21.46	9.84	8.25	6.62	5.00	1.25	0.25	8.00	0.87	68.05	1416.00
1618F-12	4"	DN100	4.00	17.00	26.10	11.81	10.75	8.50	6.19	1.50	0.25	8.00	1.00	112.14	1902.80
1618F-14	6"	DN150	6.00	22.00	32.99	17.72	14.00	11.50	8.50	1.88	0.25	12.00	1.12	224.23	4248.00
1618F-15	8"	DN200	7.87	26.00	43.78	19.69	16.50	13.75	10.62	2.19	0.25	12.00	1.25	439.47	4867.50
1618F-16	10"	DN250	9.75	31.00	50.59	25.20	20.00	17.00	12.75	2.50	0.25	16.00	1.37	720.77	8026.90
1618F-17	12"	DN300	11.75	33.00	58.66	28.35	22.00	19.25	15.00	2.62	0.25	20.00	1.37	1109.16	11682.00

*WEIGHT IS ESTIMATED

*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG.1828T

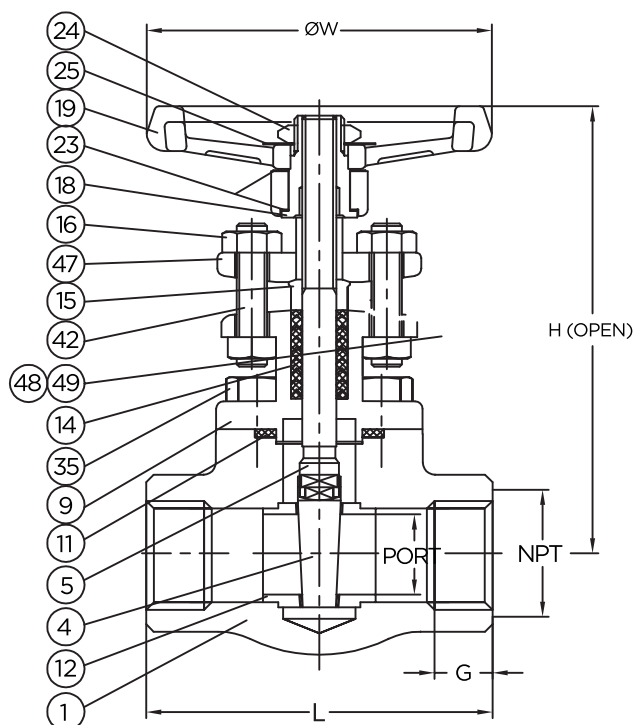
GATE VALVE ANSI CLASS 800 THREADED END, FORGED STEEL

TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 602
VALVE DESIGN: API 602
THREAD: ASME B1.20.1
SOUR SERVICE: NACE MR-0175
OUTSIDE SCREW & YOKE (OS&Y)
UNIVERSAL TRIM 8

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 1980 PSI
SHELL TEST: 2970 PSIG
BACK SEAT & SEAT TEST: 1628 PSIG
AIR TEST: 87 PSIG



MATERIAL LIST

1	BODY	ASTM A-105N
2	SEAT RING	ASTM A-276 Gr. 410+STL#6
3	WEDGE	ASTM A-276 Gr. 420
4	STEM	ASTM A-182 Gr. 6Fa
5	BODY SEAL	SS304+GRAPHITE
6	BONNET	ASTM A-105N
7	BODY BOLT	ASTM A-193 Gr. B7
8	STEM PACKING	GRAPHITE
9	GLAND BOLT	ASTM A-193 Gr. B7
10	GLAND	ASTM A-276 Gr. 410
11	GLAND FLANGE	ASTM A-105
12	GLAND NUT	ASTM A-194 Gr. 2H
13	SLEEVE	ASTM A-276 Gr. 410
14	WASHER	SS304
15	HANDWHEEL	ASTM A-197
16	NAMEPLATE	ALUMINIUM
17	HANDWHEEL NUT	ASTM A-194 Gr. 2H

DIMENSIONS & WEIGHT

MODEL	SIZE	PORT	L	H (OPEN)	ØW	G	NPT	WEIGHT (KG)	TORQUE (LBS-INCH)
1828T-02	1/4"	DN8	0.24	3.11	6.14	3.94	0.37	1.95	443.25
1828T-03	3/8"	DN10	0.24	3.11	6.14	3.94	0.41	1.95	443.25
1828T-04	1/2"	DN15	0.39	3.11	6.34	3.94	0.54	1.95	443.25
1828T-05	3/4"	DN20	0.53	3.62	6.34	3.94	0.55	2.09	443.25
1828T-06	1"	DN25	0.69	4.37	7.87	4.72	0.69	3.59	531.90
1828T-07	1 1/4"	DN32	0.89	4.65	8.62	5.91	0.51	5.11	753.53
1828T-08	1 1/2"	DN40	1.13	4.65	9.69	5.91	0.72	5.45	753.53
1828T-09	2	DN50	1.44	5.20	10.43	5.91	0.76	7.44	975.15

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG. 3118F

GLOBE VALVE ANSI CLASS 150 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 623
VALVE DESIGN: API 623
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

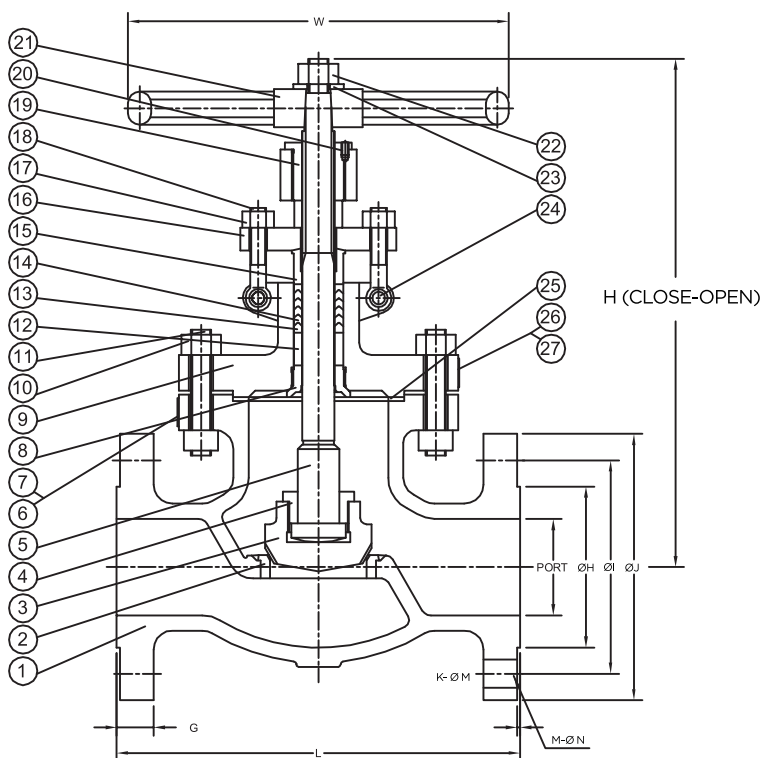
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 285 PSI
SHELL TEST (WATER): 450 PSIG
BACK SEAT & SEAT TEST (WATER): 314 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
150

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL#6
3	DISC	ASTM A-105+13Cr
4	DISC NUT	ASTM A-276 Gr. 410
5	STEM	ASTM A-182 Gr. F6a
6	NAMEPLATE	SS304
7	RIVET	SS304
8	BACK SEAT RING	ASTM A-276 Gr. 410
9	BONNET	ASTM A-216 Gr.W
10	BONNET NUT	ASTM A-194 Gr. 2H
11	BONNET BOLT	ASTM A-193 Gr. B7
12	PACKING WASHER	ASTM A-276 Gr. 410
13	PACKING	GRAPHITE
14	PACKING	GRAPHITE
15	GLAND	ASTM A-276 Gr. 410
16	GLAND FLANGE	ASTM A-216 Gr. WCB
17	EYE NUT	ASTM A-194 Gr. 2H
18	EYE BOLT	ASTM A-193 Gr. B7
19	STEM NUT	ASTM A-439 Gr. D-2
20	SCREW	AISI 1035
21	HANDWHEEL	ASTM A-536 Gr. 65-45-12
22	LOCK NUT	ASTM A-194 Gr. 2H
23	WASHER	AISI 1035
24	PIN	AISI 1045
25	GASKET	SS304+GRAPHITE

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H-OPEN	H-CLOSE	ØW	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	TORQUE (LBS-INCH)
3118F-09	2"	DN50	2.00	8.00	12.87	11.89	7.87	6.00	4.75	3.62	0.70	0.06	4.00	0.75	17.02	164.60
3118F-10	2 ½"	DN65	2.50	8.50	14.02	12.87	9.84	7.00	5.50	4.12	0.88	0.06	4.00	0.75	20.52	252.20
3118F-11	3"	DN80	3.00	9.50	14.76	13.46	11.81	7.50	6.00	5.00	0.94	0.06	4.00	0.75	39.53	392.10
3118F-12	4"	DN100	4.00	11.50	17.99	16.50	11.81	9.00	7.50	6.18	0.94	0.06	8.00	0.75	61.05	688.60
3118F-13	5"	DN125	5.00	14.00	18.03	16.42	13.78	10.00	8.50	7.32	0.94	0.06	8.00	0.88	82.07	883.30
3118F-14	6"	DN150	6.00	16.00	19.65	17.56	15.75	11.00	9.50	8.50	1.00	0.06	8.00	0.88	103.09	1442.7

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG. 3118F

GLOBE VALVE ANSI CLASS 150 FLANGED END RF, CARBON STEEL WCB

TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 623
VALVE DESIGN: API 623
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

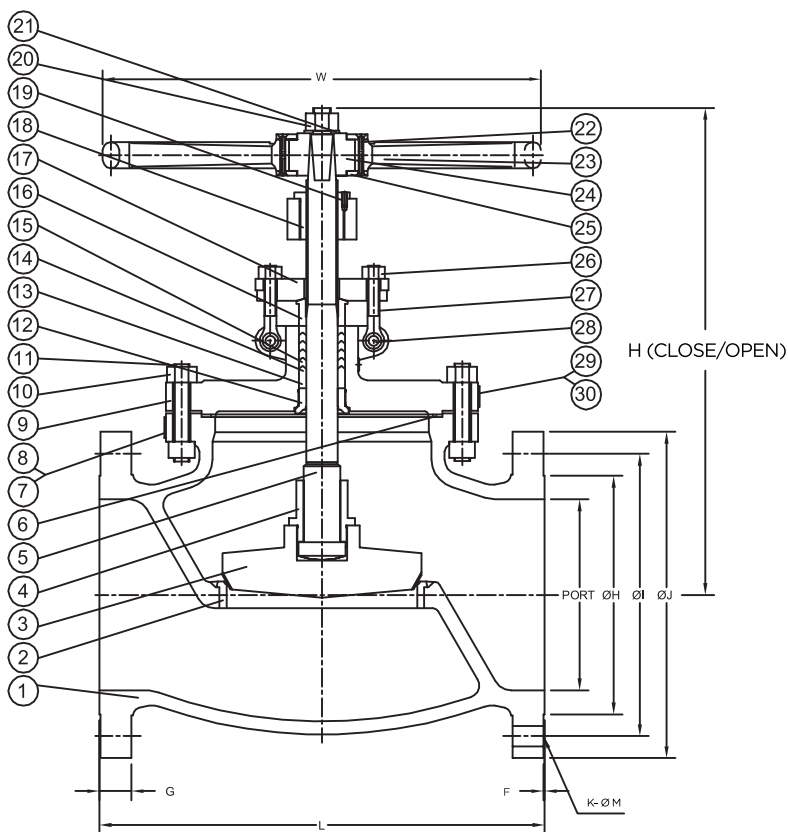
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 285 PSI
SHELL TEST (WATER): 450 PSIG
BACK SEAT & SEAT TEST (WATER): 314 PSIG
AIR TEST: 87 PSIG

BODY MARK

 2
150

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL#6
3	DISC	ASTM A-105+13Cr
4	DISC NUT	ASTM A-276 Gr. 410
5	STEM	ASTM A-182 Gr. F6a
6	GASKET	SS304+GRAPHITE
7	NAMEPLATE	SS304
8	RIVET	SS304
9	BONNET	ASTM A-216 Gr. WCB
10	BONNET NUT	ASTM A-194 Gr. 2H
11	BONNET BOLT	ASTM A-193 Gr. B7
12	BACK SEAT RING	ASTM A-276 Gr. 410
13	PACKING WASHER	ASTM A-276 Gr. 410
14	PACKING	GRAPHITE
15	PACKING	GRAPHITE
16	GLAND	ASTM A-276 Gr. 410
17	GLAND FLANGE	ASTM A-216 Gr. WCB
18	STEM NUT	ASTM A-439 Gr. D-2
19	SCREW	AISI 1035
20	LOCK NUT	ASTM A-194 Gr. 2H
21	WASHER	AISI 1035
22	SCREW	AISI 1035
23	HANDWHEEL	ASTM A-536 Gr. 65-45-12
24	IMPACT PLATE	ASTM A-216 Gr. WCB
25	APRON PLATE	CARBON STEEL
26	EYE NUT	ASTM A-194 Gr. 2H
27	EYE BOLT	ASTM A-193 Gr. B7
28	PIN	AISI 1045

DIMENSIONS & WEIGHT

MODEL	SIZE	PORT	L	H-OPEN	H-CLOSE	ØW	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	TORQUE (LBS-INCH)
3118F-15	8"	DN200	8.00	19.50	22.56	20.12	17.72	13.50	11.75	10.62	1.12	0.06	8.00	170.15	2695.00
3118F-16	10"	DN250	10.00	24.50	25.91	22.87	21.65	16.00	14.25	12.75	1.19	0.06	12.00	320.29	4336.90
3118F-17	12"	DN300	12.00	27.50	32.69	28.65	24.00	19.00	17.00	15.00	1.25	0.06	12.00	400.00	6124.70

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG. 3318F

GLOBE VALVE ANSI CLASS 300 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 623
VALVE DESIGN: API 623
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

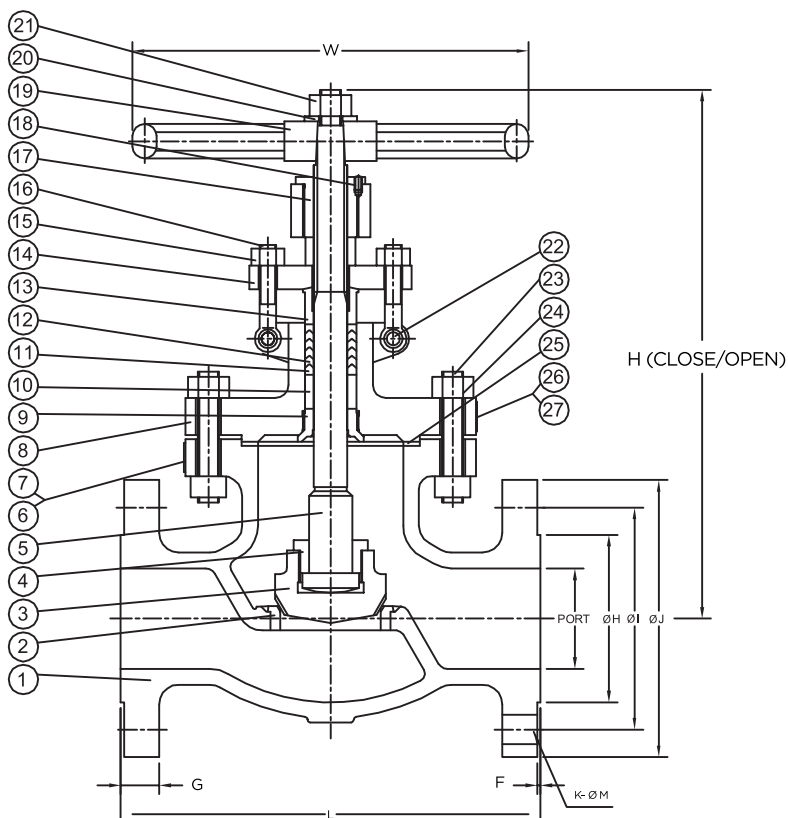
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 740 PSI
SHELL TEST (WATER): 1110 PSIG
BACK SEAT & SEAT TEST (WATER): 814 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
300

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL#6
3	DISC	ASTM A-105+13Cr
4	DISC NUT	ASTM A-276 Gr. 410
5	STEM	ASTM A-182 Gr. F6a
6	NAMEPLATE	SS304
7	RIVET	SS304
8	BONNET	ASTM A-216 Gr.WCB
9	BACK SEAT RING	ASTM A-276 Gr. 410
10	PACKING WASHER	ASTM A-276 Gr. 410
11	PACKING	GRAPHITE
12	PACKING	GRAPHITE
13	GLAND	ASTM A-276 Gr. 410
14	GLAND FLANGE	ASTM A-216 Gr. WCB
15	EYE NUT	ASTM A-194 Gr. 2H
16	EYE BOLT	ASTM A-193 Gr. B7
17	STEM NUT	ASTM A-439 Gr. D-2
18	SCREW	AISI 1035
19	HANDWHEEL	ASTM A-536 Gr. 65-45-12
20	WASHER	AISI 1035
21	LOCK NUT	ASTM A-194 Gr. 2H
22	PIN	AISI 1045
23	BONNET BOLT	ASTM A-193 Gr. B7
24	BONNET NUT	ASTM A-194 Gr. 2H
25	GASKET	SS304+GRAPHITE

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H-OPEN	H-CLOSE	ØW	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	TORQUE (LBS-INCH)
3318F-09	2"	DN50	2.00	10.50	13.03	11.89	7.87	6.50	5.00	3.62	0.88	0.06	8.00	0.75	26.52	336.30
3318F-10	2 ½"	DN65	2.50	11.50	14.33	12.87	9.84	7.50	5.88	4.12	1.00	0.06	8.00	0.88	29.60	663.80
3318F-11	3"	DN80	3.00	12.50	15.35	14.06	11.81	8.25	6.62	5.00	1.12	0.06	8.00	0.88	32.03	8141.30
3318F-12	4"	DN100	4.00	14.15.75	18.03	16.65	13.78	10.00	7.88	6.18	1.26	0.06	8.00	0.88	105.10	1557.70
3318F-13	5"	DN125	5.00	14.00	19.96	18.27	15.75	10.98	9.25	7.32	1.38	0.06	8.00	0.88	155.14	3221.70

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

+52(81)1646-9090 (main)

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FIG. 3318F

GLOBE VALVE ANSI CLASS 300 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 623
VALVE DESIGN: API 623
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

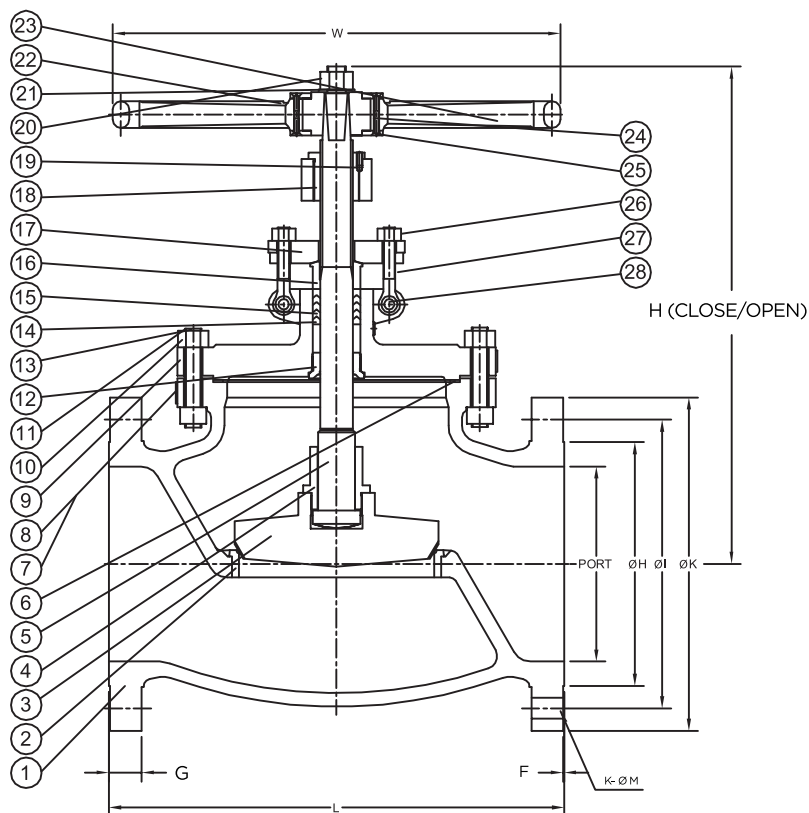
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 740 PSI
SHELL TEST (WATER): 1100 PSIG
BACK SEAT & SEAT TEST (WATER): 814 PSIG
AIR TEST: 87 PSIG

BODY MARK

 2
150

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL#6
3	DISC	ASTM A-105+13Cr
4	DISC NUT	ASTM A-276 Gr. 410
5	STEM	ASTM A-182 Gr. F6a
6	GASKET	SS304+GRAPHITE
7	NAMEPLATE	SS304
8	RIVET	SS304
9	BONNET	ASTM A-216 Gr.WCB
10	BONNET NUT	ASTM A-194 Gr. 2H
11	BONNET BOLT	ASTM A-193 Gr. B7
12	BACK SEAT RING	ASTM A-276 Gr. 410
13	PACKING WASHER	ASTM A-276 Gr. 410
14	PACKING	GRAPHITE
15	PACKING	GRAPHITE
16	GLAND	ASTM A-276 Gr. 410
17	GLAND FLANGE	ASTM A-216 Gr. WCB
18	STEM NUT	ASTM A-439 Gr. D-2
19	SCREW	AISI 1035
20	LOCK NUT	ASTM A-194 Gr. 2H
21	WASHER	AISI 1035
22	SCREW	AISI 1035
23	HANDWHEEL	ASTM A-536 Gr. 65-45-12
24	IMPACT PLATE	ASTM A-216 Gr. WCB
25	APRON PLATE	CARBON STEEL
26	EYE NUT	ASTM A-194 Gr. 2H
27	EYE BOLT	ASTM A-193 Gr. B7
28	PIN	AISI 1045

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H-OPEN	H-CLOSE	ØW	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	TORQUE (LBS-INCH)
3318F-14	6"	DN150	6.00	17.50	23.19	21.02	17.72	12.50	10.62	8.50	1.46	0.06	12.00	0.87	155.14	3451.80
3318F-15	8"	DN200	8.00	22.00	26.26	23.86	21.65	15.00	13.00	10.62	1.61	0.06	12.00	1.00	292.26	6788.50
3318F-16	10"	DN250	10.00	24.50	29.61	26.65	23.62	17.50	15.25	12.75	1.89	0.06	16.00	1.12	482.94	10435.00

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG. 3618F

GLOBE VALVE ANSI CLASS 600 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 623
VALVE DESIGN: API 623
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

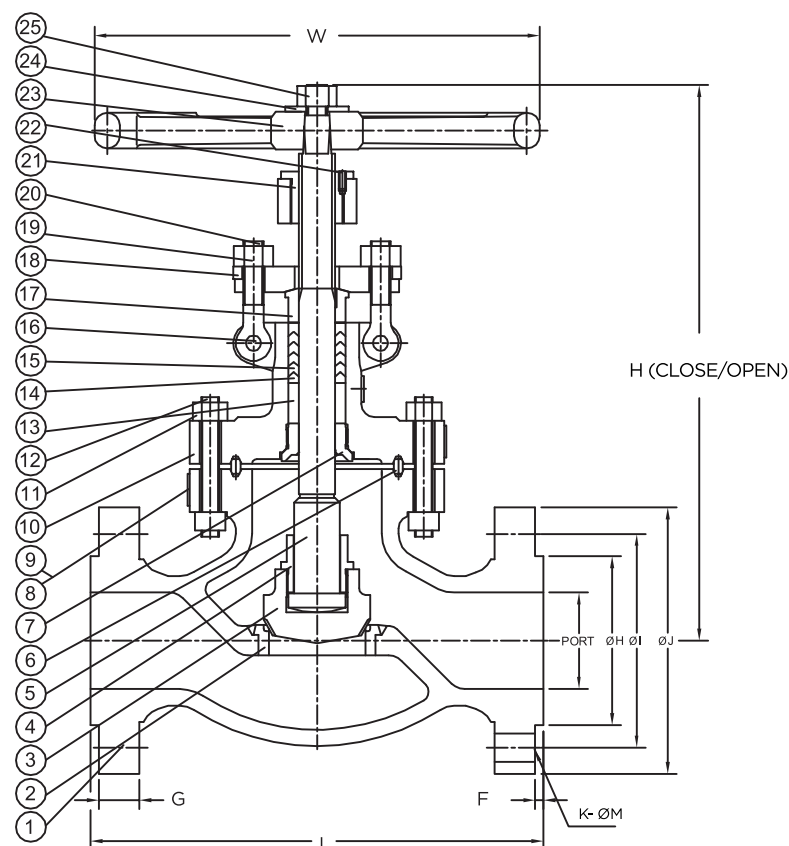
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 1480 PSI
SHELL TEST (WATER): 2220 PSIG
BACK SEAT & SEAT TEST (WATER): 1628 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
600

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL#6
3	DISC	ASTM A-105+13Cr
4	DISC NUT	ASTM A-276 Gr. 410
5	STEM	ASTM A-182 Gr. F6a
6	GASKET	SS304+GRAPHITE
7	BACK SEAT RING	ASTM A-276 Gr. 410
8	NAMEPLATE	SS304
9	RIVET	SS304
10	BONNET	ASTM A-216 Gr.WCB
11	BONNET NUT	ASTM A-194 Gr. 2H
12	BONNET BOLT	ASTM A-193 Gr. B7
13	PACKING WASHER	ASTM A-276 Gr. 410
14	PACKING	GRAPHITE
15	PACKING	GRAPHITE
16	PIN	AISI 1045
17	GLAND	ASTM A-276 Gr. 410
18	GLAND FLANGE	ASTM A-216 Gr. WCB
19	EYE NUT	ASTM A-194 Gr. 2H
20	EYE BOLT	ASTM A-193 Gr. B7
21	STEM NUT	ASTM A-439 Gr. D-2
22	SCREW	AISI 1035
23	HANDWHEEL	ASTM A-536 Gr. 65-45-12
24	WASHER	AISI 1035
25	LOCK NUT	ASTM A-194 Gr. 2H

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H-OPEN	H-CLOSE	ØW	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	TORQUE (LBS-INCH)
3618F-09	2"	DN50	2.00	11.50	14.69	13.58	9.84	6.50	5.00	3.62	1.00	0.25	8.00	0.75	44.04	33858.50
3618F-10	2 ½"	DN65	2.50	13.00	17.64	16.38	11.81	7.50	5.87	4.13	1.14	0.25	8.00	0.88	54.66	1318.80
3618F-11	3"	DN80	3.00	14.00	18.39	17.20	13.78	8.25	6.62	5.00	1.25	0.25	8.00	0.88	76.09	2097.60

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG. 3618F

GLOBE VALVE ANSI CLASS 600 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 623
VALVE DESIGN: API 623
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

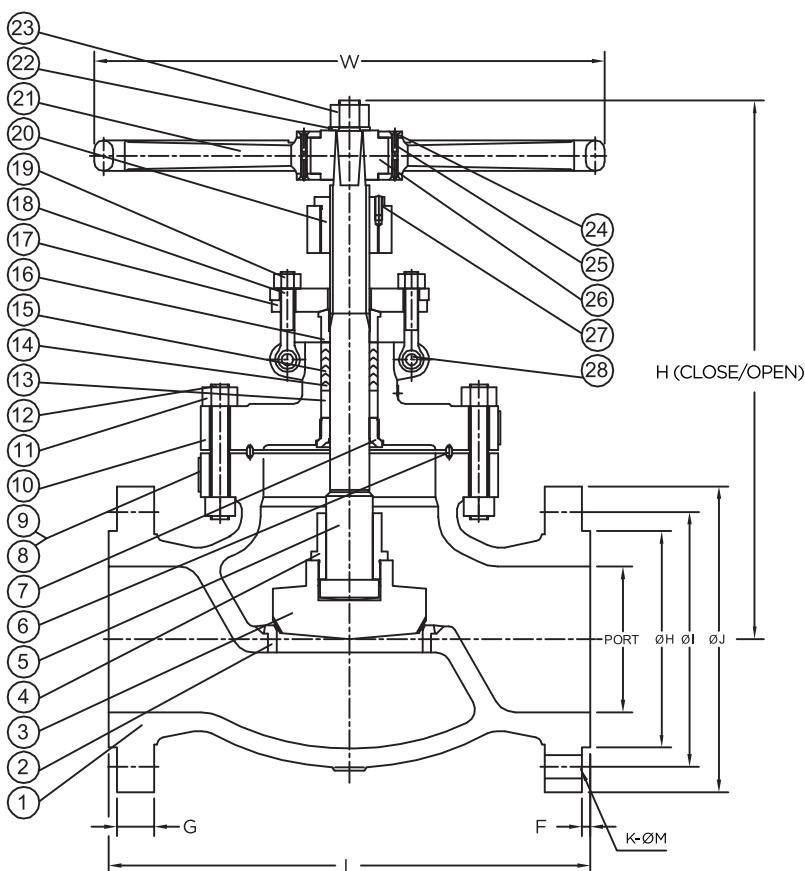
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 1480 PSI
SHELL TEST (WATER): 2220 PSIG
BACK SEAT & SEAT TEST (WATER): 1628 PSIG
AIR TEST: 87 PSIG

BODY MARK

 2
150

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL#6
3	DISC	ASTM A-105+13Cr
4	DISC NUT	ASTM A-276 Gr. 410
5	STEM	ASTM A-182 Gr. F6a
6	GASKET	SS304+GRAPHITE
7	BACK SEAT RING	ASTM A-276 Gr. 410
8	NAMEPLATE	SS304
9	RIVET	SS304
10	BONNET	ASTM A-216 Gr. WCB
11	BONNET NUT	ASTM A-194 Gr. 2H
12	BONNET BOLT	ASTM A-193 Gr. B7
13	PACKING WASHER	ASTM A-276 Gr. 410
14	PACKING	GRAPHITE
15	PACKING	GRAPHITE
16	GLAND	ASTM A-276 Gr. 410
17	GLAND FLANGE	ASTM A-216 Gr. WCB
18	EYE BOLT	ASTM A-193 Gr. B7
19	EYE NUT	ASTM A-194 Gr. 2H
20	STEM NUT	ASTM A-439 Gr. D-2
21	HANDWHEEL	ASTM A-536 Gr. 65-45-12
22	WASHER	AISI 1035
23	LOCK NUT	ASTM A-194 Gr. 2H
24	APRON PLATE	CARBON STEEL
25	SCREW	AISI 1035
26	IMPACT PLATE	ASTM A-216 Gr. WCB
27	SCREW	AISI 1035
28	PIN	AISI 1045

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H-OPEN	H-CLOSE	ØW	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	TORQUE (LBS-INCH)
3618F-12	4"	DN100	4.00	17.00	21.69	20.31	17.72	10.75	8.50	6.19	1.50	0.25	8.00	1.00	126.12	4097.90
3618F-14	6"	DN150	6.00	22.00	27.87	25.75	23.62	14.00	11.50	8.50	1.89	0.25	12.00	1.12	327.29	10877.60
3618F-15	8"	DN200	8.00	26.00	31.61	29.09	27.56	16.50	13.75	10.63	2.20	0.25	12.00	1.25	496.45	13099.10

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG. 3828T

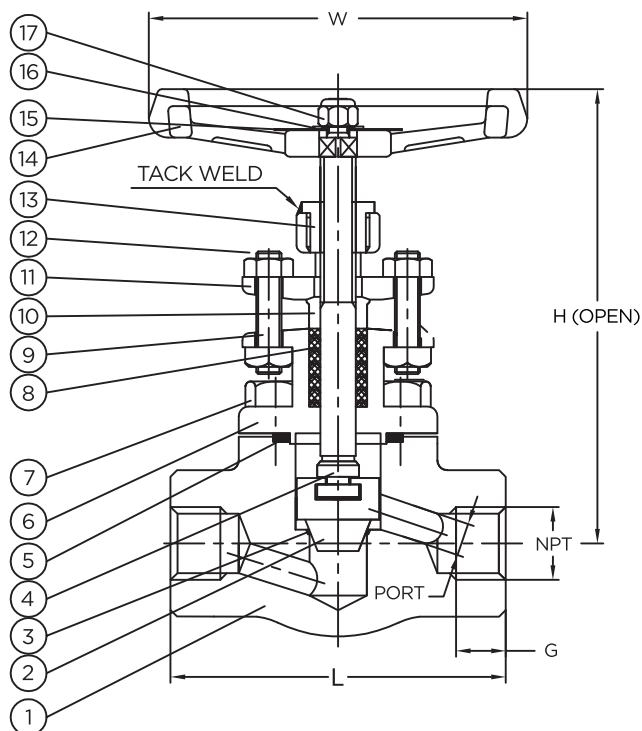
GLOBE VALVE ANSI CLASS 800 THREADED END, FORGED STEEL

TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 602
VALVE DESIGN: API 602
THREAD: ASME B1.20.1
SOUR SERVICE: NACE MR-0175
UNIVERSAL TRIM 8

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 1980 PSI
SHELL TEST: 2970 PSIG
BACK SEAT & SEAT TEST: 1628 PSIG
AIR TEST: 87 PSIG



MATERIAL LIST

1	BODY	ASTM A-105N
2	DISC	ASTM A-276 Gr. 420
3	SEAT	STL6
4	STEM	ASTM A-182 Gr.F6a
5	BODY SEAL	304+GRAPHITE
6	BONNET	ASTM A-105N
7	BODY BOLT	ASTM A-193 Gr. B7
8	STEM PACKING	GRAPHITE
9	GLAND BOLT	ASTM A-193 Gr. B7
10	GLAND	ASTM A-276 Gr. 410
11	GLAND FLANGE	ASTM A-105
12	GLAND NUT	ASTM A-194 Gr. 2H
13	SLEEVE	ASTM A-276 Gr. 410
14	HANDWHEEL	ASTM A-197
15	NAMEPLATE	ALUMINIUM
16	WASHER	SS304
17	HANDWHEEL NUT	ASTM A-194 Gr. 2H

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H-OPEN	ØW	G	NPT	WEIGHT (KG)	TORQUE (LBS-INCH)
3828T-02	1/4"	DN8	0.24	3.11	6.61	3.94	0.37	1/4"	1.95	132.98
3828T-03	3/8"	DN10	0.24	3.11	6.61	3.94	0.41	3/8"	1.95	132.98
3828T-04	1/2"	DN15	0.39	3.11	6.61	3.94	0.54	1/2"	1.95	132.98
3828T-05	3/4"	DN20	0.51	3.62	6.69	3.94	0.55	3/4"	2.09	221.63
3828T-06	1"	DN25	0.69	4.37	8.07	4.72	0.69	1"	3.63	336.87
3828T-07	1 1/4"	DN32	0.89	4.65	9.17	5.91	0.71	1 1/4"	5.27	620.55
3828T-08	1 1/2"	DN40	1.13	5.51	9.25	5.91	0.72	1 1/2"	5.68	620.55
3828T-09	2	DN50	1.44	6.77	11.10	6.69	0.76	2"	9.17	753.53

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG.2828T

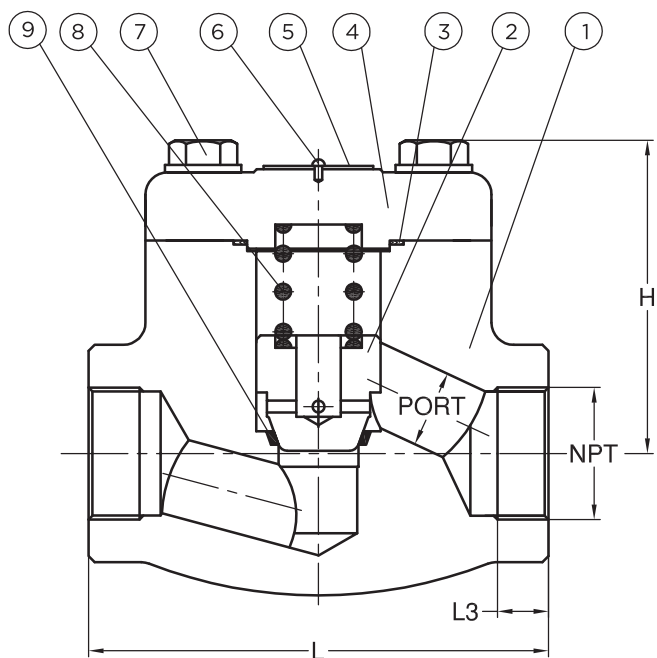
CHECK VALVE ANSI CLASS 800 THREADED END, FORGED STEEL

TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 602
VALVE DESIGN: API 602
THREAD: ASME B1.20.1
SOUR SERVICE: NACE MR-0175
UNIVERSAL TRIM 8

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 1980 PSI
SHELL TEST: 2970 PSIG
SEAT TEST: 1628 PSIG
AIR TEST: 87 PSIG



MATERIAL LIST

1	BODY	ASTM A-105N
2	DISC	ASTM A-276 Gr. 420
3	BODY SEAL	SS304+GRAPHITE
4	COVER	ASTM A-105N
5	NAMEPLATE	ALUMINIUM
6	RIVET	SS304
7	BODY BOLT	ASTM A-193 Gr. B7
8	SPRING	SS304
9	SEAT	STL6

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H	G	NPT	WEIGHT (KG)	CRACKING PRESSURE (PSI)
2828T-02	1/4"	DN8	0.24	3.11	2.32	0.37	1/4"	1.32	7.25
2828T-03	3/8"	DN10	0.24	3.11	2.32	0.41	3/8"	1.32	7.25
2828T-04	1/2"	DN15	0.39	3.11	2.32	0.54	1/2"	1.32	7.25
2828T-05	3/4"	DN20	0.53	3.62	2.32	0.55	3/4"	1.45	7.25
2828T-06	1"	DN25	0.69	4.37	2.83	0.69	1"	2.54	7.25
2828T-07	1 1/4"	DN32	0.89	4.65	3.23	0.71	1 1/4"	3.27	7.25
2828T-08	1 1/2"	DN40	1.13	5.51	3.39	0.72	1 1/2"	3.95	7.25
2828T-09	2	DN50	1.44	6.77	4.06	0.76	2"	6.77	8.70

FIG. 2118F

CHECK VALVE ANSI CLASS 150 FLANGED END RF, CARBON STEEL WCB

TECHNICAL SPECIFICATION

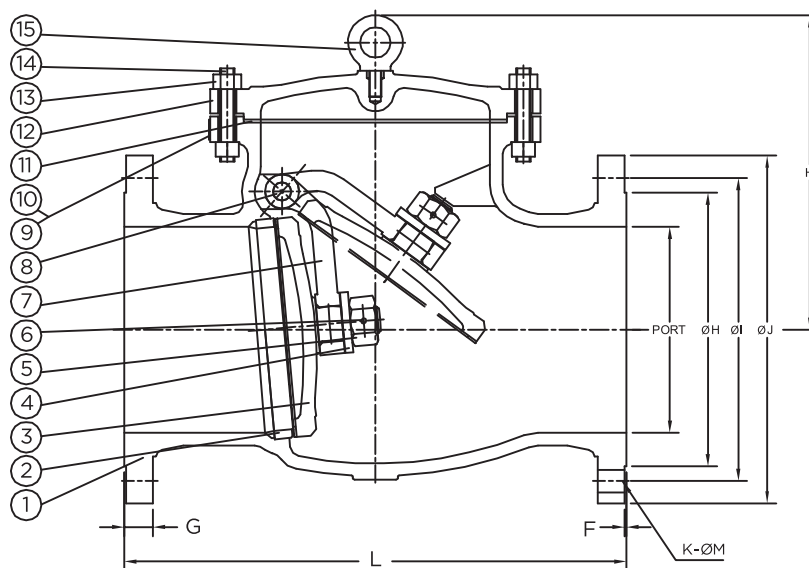
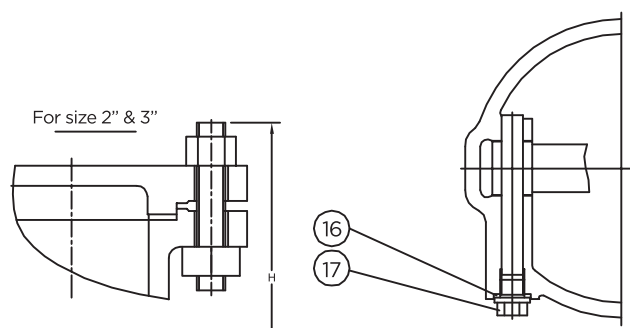
SHELL WAL THICKNESS: BS1868
VALVE DESIGN: BS1868
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 285 PSI
SHELL TEST (WATER): 450 PSIG
BACK SEAT & SEAT TEST (WATER): 314 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
150
→
WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL6#
3	DISC	ASTM A-216 Gr. WCB+13Cr
4	WASHER	AISI 1035
5	DISC NUT	ASTM A-194 Gr. 2H
6	DISC PIN	ASTM A-193 Gr. B7
7	HINGE	ASTM A-216 Gr. WCB
8	PIN	ASTM A-276 Gr. 410
9	NAMEPLATE	SS304

MATERIAL LIST

10	RIVET	SS304
11	GASKET	304+GRAPHITE
12	COVER	ASTM A-216 Gr. WCB
13	COVER BOLT	ASTM A-193 Gr. B7
14	COVER NUT	ASTM A-194 Gr. 2H
15	LIFTING RING	AISI 1035
16	GASKET	304+GRAPHITE
17	PLUG	ASTM A-276 Gr. 410

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	CRACKING PRESSURE (PSI)
2118F-09	2"	DN50	2.00	8.00	5.16	6.00	4.75	3.62	0.75	0.06	4.00	0.75	12.53	0.40
2118F-10	2 ½"	DN65	2.50	8.50	6.10	7.00	5.50	4.12	0.88	0.06	4.00	0.75	17.02	0.40
2118F-11	3"	DN80	3.00	9.50	6.25	7.50	6.00	5.00	0.94	0.06	4.00	0.75	23.02	0.40
2118F-12	4"	DN100	4.00	11.50	7.56	9.00	7.50	6.19	0.94	0.06	8.00	0.75	41.05	0.40
2118F-14	6"	DN150	6.00	14.00	9.88	11.00	9.50	8.50	1.00	0.06	8.00	0.88	63.06	0.40
2118F-15	8"	DN200	8.00	19.50	12.20	13.50	11.75	10.62	1.12	0.06	8.00	0.88	130.11	0.40
2118F-16	10"	DN250	10.00	24.50	14.80	16.00	14.25	12.75	1.19	0.06	12.00	1.00	197.17	0.40

FIG. 2118F

CHECK VALVE ANSI CLASS 150 FLANGED END RF, CARBON STEEL WCB

TECHNICAL SPECIFICATION

SHELL WAL THICKNESS: BS1868
VALVE DESIGN: BS1868
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

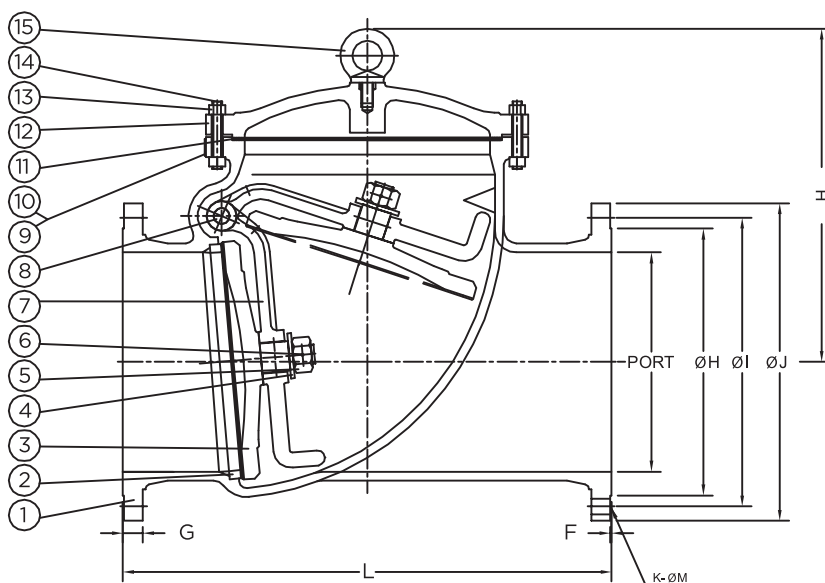
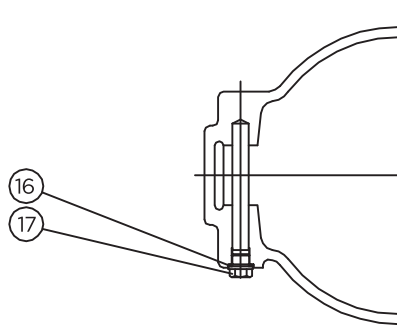
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 285 PSI
SHELL TEST (WATER): 450 PSIG
BACK SEAT & SEAT TEST (WATER): 314 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
150

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL6#
3	DISC	ASTM A-216 Gr. WCB+13Cr
4	WASHER	AISI 1035
5	DISC NUT	ASTM A-194 Gr. 2H
6	DISC PIN	ASTM A-193 Gr. B7
7	HINGE	ASTM A-216 Gr. WCB
8	PIN	ASTM A-276 Gr. 410
9	NAMEPLATE	SS304

MATERIAL LIST

10	RIVET	SS304
11	GASKET	304+GRAPHITE
12	COVER	ASTM A-216 Gr. WCB
13	COVER BOLT	ASTM A-193 Gr. B7
14	COVER NUT	ASTM A-194 Gr. 2H
15	LIFTING RING	AISI 1035
16	GASKET	304+GRAPHITE
17	PLUG	ASTM A-276 Gr. 410

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	CRACKING PRESSURE (PSI)
2118F-17	12"	DN300	12.00	27.50	18.62	19.02	17.00	15.00	1.25	0.06	12.00	1.00	315.30	0.40
2118F-18	14"	DN350	13.25	31.00	18.15	21.00	18.75	16.26	1.38	0.06	12.00	1.12	409.37	0.70
2118F-19	16"	DN400	15.25	36.00	24.06	23.50	21.26	18.50	1.46	0.06	16.00	1.12	602.55	0.70
2118F-20	18"	DN450	17.25	38.50	25.59	25.00	22.76	20.98	1.57	0.06	16.00	1.26	680.64	0.80
2118F-21	20"	DN500	19.25	38.50	26.26	27.52	25.00	23.00	1.69	0.06	20.00	1.26	750.69	0.80
2118F-23	24"	DN600	23.25	51.00	30.04	32.00	29.50	27.25	1.89	0.06	20.00	1.38	1281.15	0.80

FIG.2318F

CHECK VALVE ANSI CLASS 150 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WAL THICKNESS: BS1868
VALVE DESIGN: BS1868
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

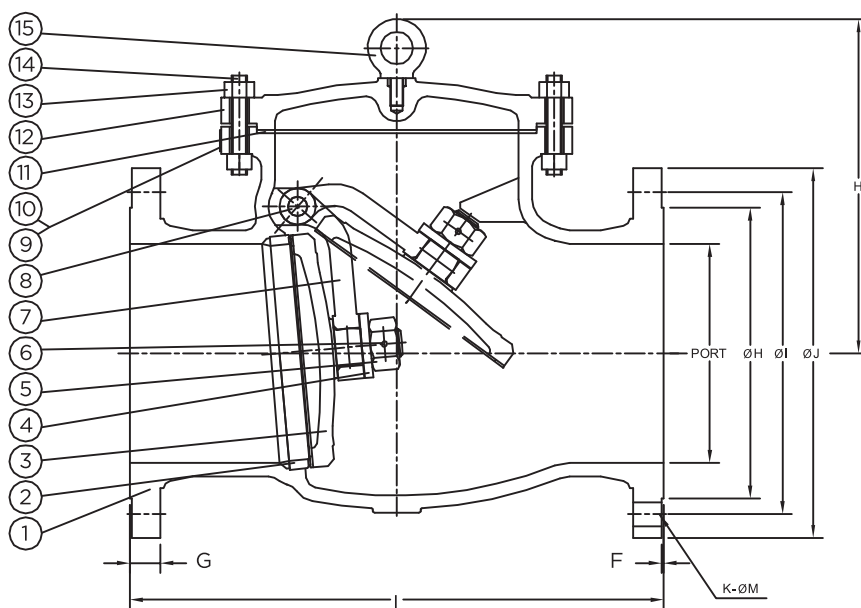
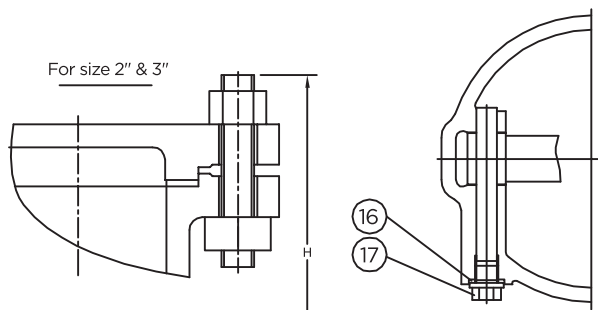
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 740 PSI
SHELL TEST (WATER): 1110 PSIG
BACK SEAT & SEAT TEST (WATER): 814 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
300

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL6#
3	DISC	ASTM A-216 Gr. WCB+13Cr
4	WASHER	AISI 1035
5	DISC NUT	ASTM A-194 Gr. 2H
6	DISC PIN	ASTM A-193 Gr. B7
7	HINGE	ASTM A-216 Gr. WCB
8	PIN	ASTM A-276 Gr. 410
9	NAMEPLATE	SS304

MATERIAL LIST

10	RIVET	SS304
11	GASKET	304+GRAPHITE
12	COVER	ASTM A-216 Gr. WCB
13	COVER BOLT	ASTM A-193 Gr. B7
14	COVER NUT	ASTM A-194 Gr. 2H
15	LIFTING RING	AISI 1035
16	GASKET	304+GRAPHITE
17	PLUG	ASTM A-276 Gr. 410

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	CRACKING PRESSURE (PSI)
2318F-09	2"	DN50	2.00	10.50	5.39	6.50	5.00	3.62	0.89	0.06	8.00	0.75	19.02	0.40
2318F-10	2 ½"	DN65	2.50	11.50	6.41	7.50	5.88	4.12	1.00	0.06	8.00	0.88	35.05	0.40
2318F-11	3"	DN80	3.00	12.50	6.65	8.25	6.62	5.00	1.12	0.06	8.00	0.88	39.00	0.40
2318F-12	4"	DN100	4.00	14.00	8.70	10.00	7.88	6.19	1.25	0.06	8.00	0.88	60.06	0.40
2318F-13	6"	DN150	6.00	17.50	10.83	12.50	10.62	8.50	1.46	0.06	12.00	0.88	106.60	0.60
2318F-14	8"	DN200	8.00	21.00	13.23	15.00	13.00	10.62	1.63	0.06	12.00	1.00	181.15	0.60
2318F-15	10"	DN250	10.00	24.50	15.94	17.50	15.25	12.75	1.87	0.06	16.00	1.12	290.24	0.60

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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FIG.2318F

CHECK VALVE ANSI CLASS 300 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WAL THICKNESS: BS1868
VALVE DESIGN: BS1868
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

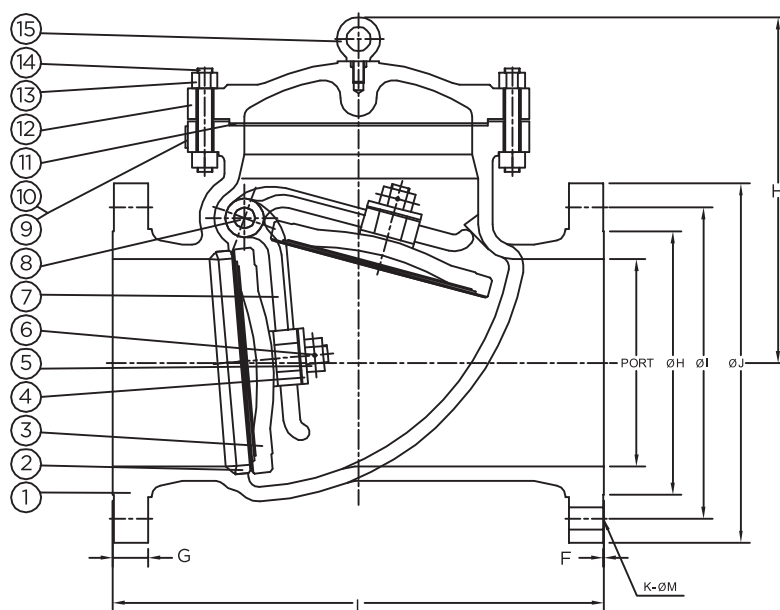
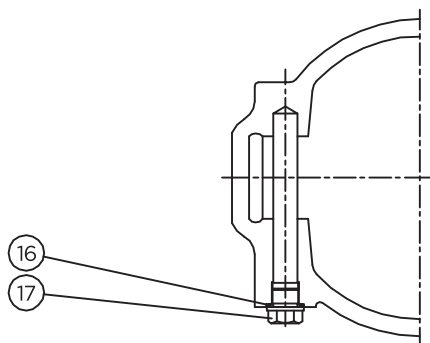
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 740 PSI
SHELL TEST (WATER): 1110 PSIG
BACK SEAT & SEAT TEST (WATER): 814 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
150

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL6#
3	DISC	ASTM A-216 Gr. WCB+13Cr
4	WASHER	AISI 1035
5	DISC NUT	ASTM A-194 Gr. 2H
6	DISC PIN	ASTM A-193 Gr. B7
7	HINGE	ASTM A-216 Gr. WCB
8	PIN	ASTM A-276 Gr. 410
9	NAMEPLATE	SS304

MATERIAL LIST

10	RIVET	SS304
11	GASKET	304+GRAPHITE
12	COVER	ASTM A-216 Gr. WCB
13	COVER BOLT	ASTM A-193 Gr. B7
14	COVER NUT	ASTM A-194 Gr. 2H
15	LIFTING RING	AISI 1035
16	GASKET	304+GRAPHITE
17	PLUG	ASTM A-276 Gr. 410

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	CRACKING PRESSURE (PSI)
2318F-17	12"	DN300	12.00	28.00	18.46	20.50	17.75	15.00	1.25	0.06	16.00	1.25	475.43	0.50
2318F-18	14"	DN350	13.25	33.00	22.99	23.00	20.25	16.25	1.38	0.06	20.00	1.25	620.57	0.50
2318F-19	16"	DN400	15.25	34.00	26.30	25.50	22.50	18.50	1.46	0.06	20.00	1.38	860.78	0.40
2318F-20	18"	DN450	17.25	38.50	27.36	28.00	24.75	21.00	1.57	0.06	24.00	1.38	980.87	0.40
2318F-21	20"	DN500	19.25	40.00	27.56	30.50	27.00	23.00	1.69	0.06	24.00	1.38	1196.06	0.40
2318F-22	24"	DN600	23.25	53.00	42.52	36.00	32.00	27.25	1.89	0.06	24.00	1.61	2101.88	0.40

CHECK VALVE ANSI CLASS 600 FLANGED END RF, CARBON STEEL WCB

TECHNICAL SPECIFICATION

SHELL WAL THICKNESS: BS1868
VALVE DESIGN: BS1868
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

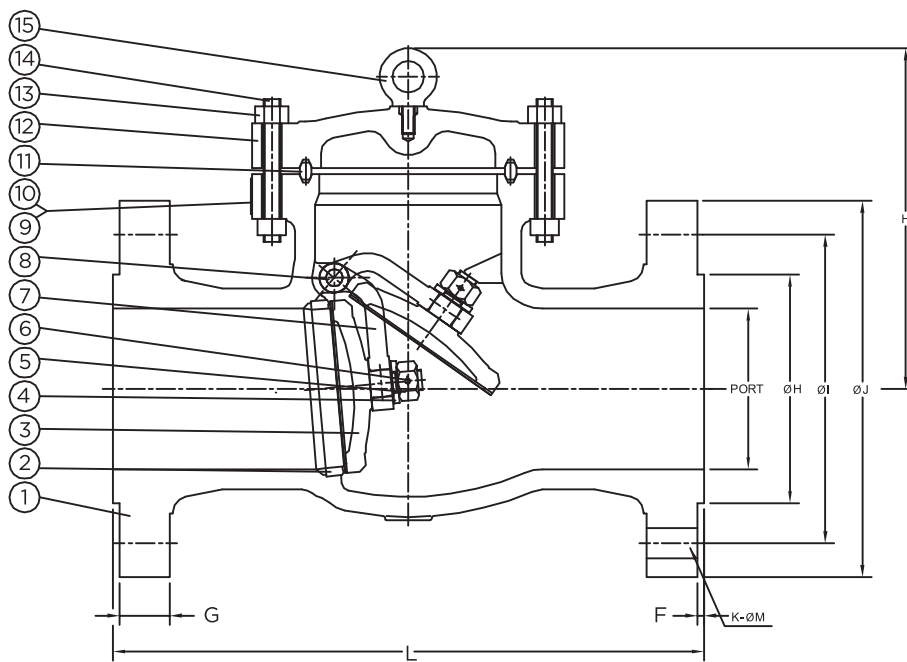
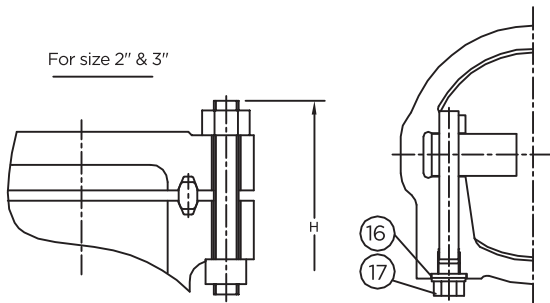
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 1480 PSI
SHELL TEST (WATER): 2220 PSIG
BACK SEAT & SEAT TEST (WATER): 1628 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
600

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL6#
3	DISC	ASTM A-216 Gr. WCB+13Cr
4	WASHER	AISI 1035
5	DISC NUT	ASTM A-194 Gr. 2H
6	DISC PIN	ASTM A-193 Gr. B7
7	HINGE	ASTM A-216 Gr. WCB
8	PIN	ASTM A-276 Gr. 410
9	NAMEPLATE	SS304

MATERIAL LIST

10	RIVET	SS304
11	GASKET	304+GRAPHITE
12	COVER	ASTM A-216 Gr. WCB
13	COVER BOLT	ASTM A-193 Gr. B7
14	COVER NUT	ASTM A-194 Gr. 2H
15	LIFTING RING	AISI 1035
16	GASKET	304+GRAPHITE
17	PLUG	ASTM A-276 Gr. 410

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	CRACKING PRESSURE (PSI)
2318F-09	2"	DN50	2.00	11.50	5.87	6.50	5.00	3.62	1.00	0.25	8.00	0.75	36.05	0.70
2318F-10	2 ½"	DN65	2.50	13.00	7.13	7.50	5.88	4.12	1.12	0.25	8.00	0.87	43.04	0.70
2318F-11	3"	DN80	3.00	14.00	7.60	8.25	6.62	5.00	1.25	0.25	8.00	0.87	48.03	0.70
2318F-12	4"	DN100	4.00	17.00	10.08	10.75	8.50	6.19	1.50	0.25	8.00	1.00	103.10	0.70
2318F-13	6"	DN150	6.00	22.00	12.68	14.00	11.50	8.50	1.88	0.25	12.00	1.12	230.22	0.70

FIG. 2618F

CHECK VALVE ANSI CLASS 300 FLANGED END RF, CARBON STEEL WCB



TECHNICAL SPECIFICATION

SHELL WAL THICKNESS: BS1868
VALVE DESIGN: BS1868
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 8

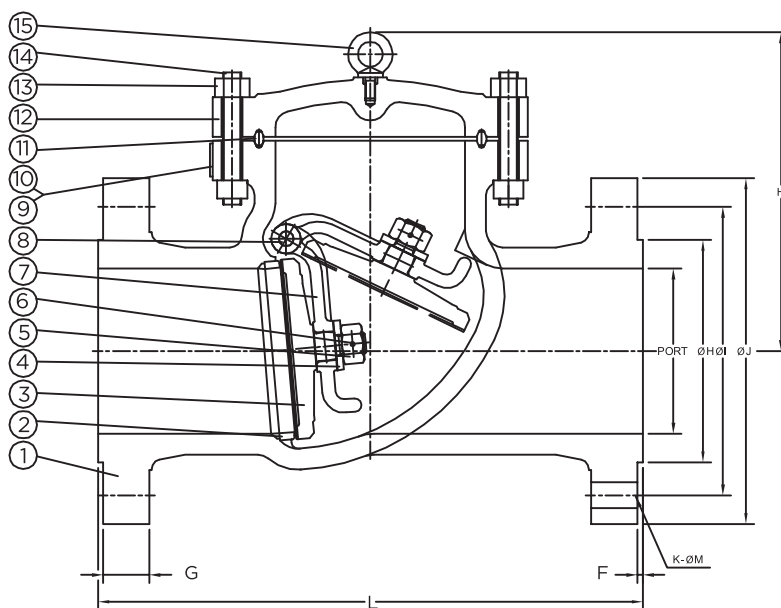
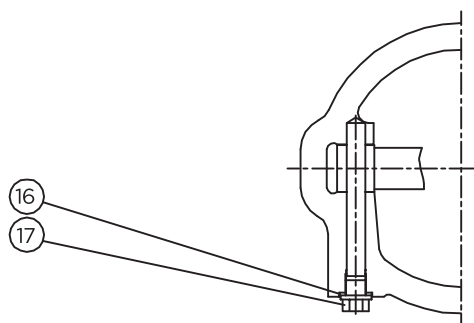
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 1480 PSI
SHELL TEST (WATER): 2220 PSIG
BACK SEAT & SEAT TEST (WATER): 1628 PSIG
AIR TEST: 87 PSIG

BODY MARK


2
600

WCB

MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	SEAT RING	ASTM A-105+STL6#
3	DISC	ASTM A-216 Gr. WCB+13Cr
4	WASHER	AISI 1035
5	DISC NUT	ASTM A-194 Gr. 2H
6	DISC PIN	ASTM A-193 Gr. B7
7	HINGE	ASTM A-216 Gr. WCB
8	PIN	ASTM A-276 Gr. 410
9	NAMEPLATE	SS304

MATERIAL LIST

10	RIVET	SS304
11	GASKET	304+GRAPHITE
12	COVER	ASTM A-216 Gr. WCB
13	COVER NUT	ASTM A-194 Gr. 2H
14	COVER BOLT	ASTM A-193 Gr. B7
15	LIFTING RING	AISI 1035
16	GASKET	304+GRAPHITE
17	PLUG	ASTM A-276 Gr. 410

DIMENSIONS & WEIGHT

MODEL	SIZE		PORT	L	H	ØJ	ØI	ØH	G	F	K	ØM	WEIGHT (KG)	CRACKING PRESSURE (PSI)
2618F-15	8"	DN200	7.87	26.00	15.24	16.50	13.75	10.62	2.19	0.25	12.00	1.25	355.35	0.60
2618F-16	10"	DN250	9.75	31.00	18.03	20.00	17.00	12.75	2.50	0.25	16.00	1.37	626.56	0.60
2618F-17	12"	DN300	11.75	33.00	21.69	22.00	19.25	15.00	2.62	0.25	20.00	1.37	790.73	0.60
2618F-18	14"	DN350	12.87	35.00	25.87	23.75	20.75	16.23	2.76	0.25	20.00	1.50	820.74	0.60
2618F-19	16"	DN400	14.75	39.00	27.95	27.00	23.75	18.50	2.99	0.25	20.00	1.63	1241.15	0.60
2618F-20	18"	DN450	16.50	43.00	31.73	29.25	25.75	21.00	3.27	0.25	20.00	1.75	1481.36	0.60
2618F-21	20"	DN500	18.25	47.00	28.62	32.00	28.50	23.03	3.50	0.25	24.00	1.77	2252.02	0.60
2618F-22	24"	DN600	22.00	55.00	33.66	37.00	33.00	27.25	4.00	0.25	24.00	2.00	3102.81	0.60

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES

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