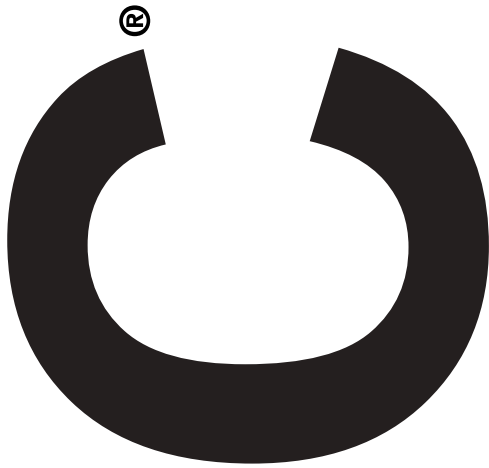
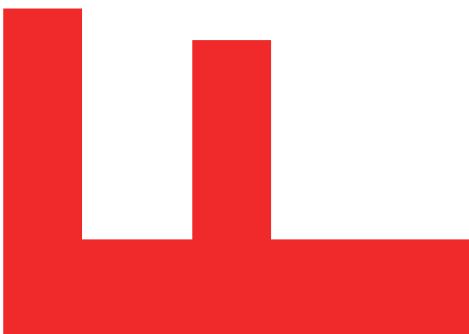




FIRE PROTECTION PRODUCTS



FWIC

Born to Protect
Effective 2020

ABOUT US

Sensor Tech, a Vision World Engineering LLC Group of company having core business in production of Extinguishers, Hose Reel & Hoses, Control Valves, Hydrants and Accessories for Fire Protection Applications.

Our group is employed with more than 1200 young and energetic Engineer's and Work force, executing various project in Oil and Gas, Marine and MEP Sectors since 1995 onwards.

Sensor Tech is totally committed to improving Quality, Health, Environmental standards. We adopt stringent Quality measure to ensure the products are of high standards as per the recommendation of International Standards.

We provide complete support and solution including Design, Installation, Commissioning of various system and services which meets the highest possible standards with Local and International Code and Standards.

We have built up a strong brand name **FWIC & WETPLUG** (UL, FM, LPCB & KM Listed) Supplying for Fire-fighting Industry, Oil and Gas, Water Works, Sewage and Marine Sectors in large quantity. FWIC & WETPLUG products are manufactured according to International Standards and are sold worldwide with our Group Headquarters at Dubai.

Sensor Tech is associated with globally renowned international companies in the safety industry such as Justrite Safety Group (Checkers Safety, Linebacker Cable Management, Monster Motion Safety, Notrax & Tufftrak.)

All our safety products are manufactured with 100% recycled materials to support Global Sustainability Policy. Recycling saves wastage, resources and energy; Hence, recycled products are important to achieve sustainability. With the sustainable product, Sensor Tech delivers go green products and a carbon free environment.

We welcome feedback on any topic and if you have any queries that are not answered on this website, simply email us.

A VISION WORLD ENGINEERING GROUP



GLOBAL ACCREDITATION

FWIC Valves has been consistently maintaining ISO 9001 Quality management system certified by TUV Rheinland of Germany.

GLOBAL CERTIFICATION

The company's reputation for quality and reliability is globally acclaimed. Its innovative fire protection and fire fighting products are certified by international bodies like UL, FM, LPCB, KM.

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Gate Valve

Resilient Seated NRS Type-Flanged Ends

Model No: ST1312-200
ST1312-250
ST1312-300

Valve Standard

Conforms to AWWA C515 / BS5163

Working pressure

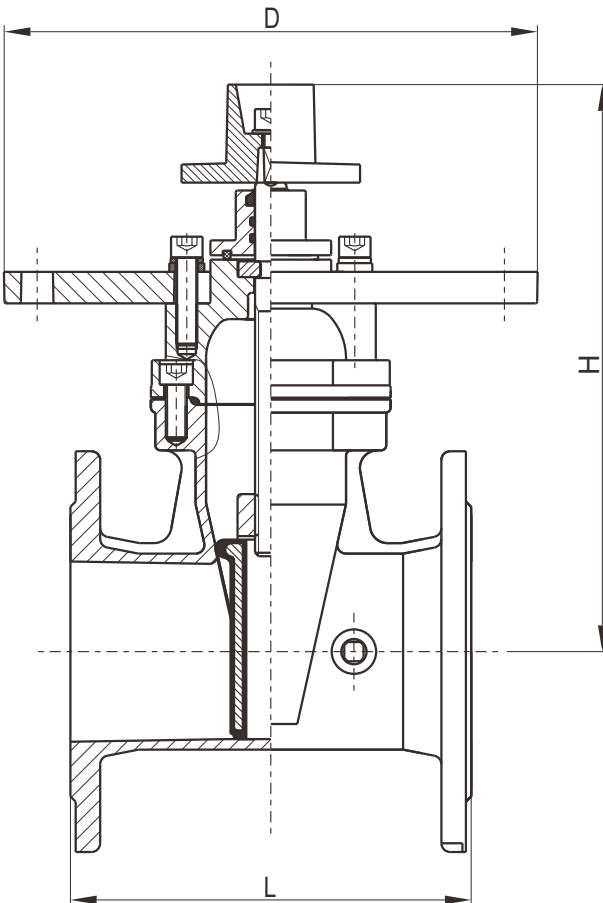
200PSI / 250PSI / 300PSI

Connection Ends

ANSI B16.1 Class125/150
EN1092-2 PN16

Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge Disc	Ductile Iron EPDM Coated	
Disc Nut	Bronze	ASTM B62
Stem	Stainless Steel	AISI 304/302
Gasket	EPDM	Commercial
Bonnet	Ductile Iron	A536 65-45-12
Thrust Collar	Bronze	ASTM B62
Gland	Ductile Iron	A536 65-45-12
Wrench Nut	Ductile Iron	A536 65-45-12
Post Plate	Ductile Iron	A536 65-45-12



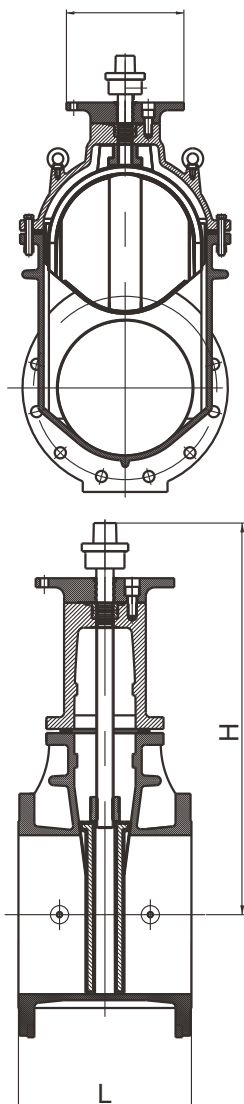
Dimensions(mm/inch):

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2 1/2	3	4	5	6	8	10	12
L	mm	178	191	203	229	254	267	292	330	356
	inch	7.00	7.50	8.00	9.00	10.00	10.50	11.50	13.00	14.00
H	mm	279	279	305	324	394	428	537	640	723
	inch	10.98	10.98	12.01	12.76	15.51	16.85	21.14	25.20	28.46
D	mm	305	305	305	305	305	305	305	305	305
	inch	12.01	12.01	12.01	12.01	12.01	12.01	12.01	12.01	12.01

Gate Valve

Resilient Seated NRS Type-Flanged Ends

Model No: ST1312-200
ST1312-250



Valve Standard

Conforms to AWWA C515 / BS5163

Working pressure

200PSI / 250PSI

Connection Ends

ANSI B16.1 Class125/150
EN1092-2 PN16

Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge Disc	Ductile Iron EPDM Coated	
Disc Nut	Bronze	ASTM B62
Stem	Stainless Steel	AISI 304/302
Gasket	EPDM	Commercial
Bonnet	Ductile Iron	A536 65-45-12
Thrust Collar	Bronze	ASTM B62
Gland	Ductile Iron	A536 65-45-12
Wrench Nut	Ductile Iron	A536 65-45-12
Post Plate	Ductile Iron	A536 65-45-12

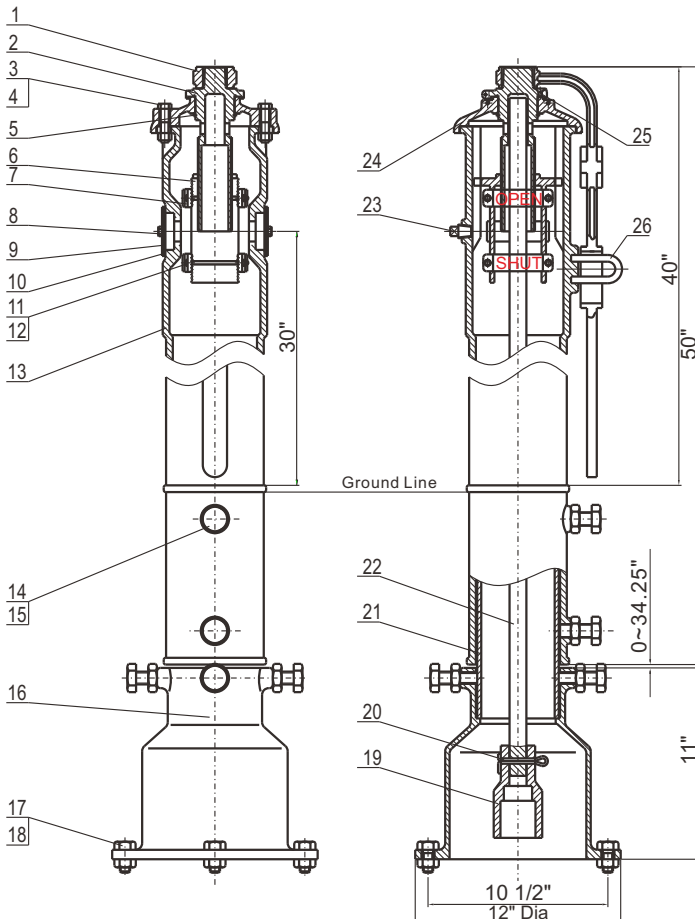
Dimensions(mm/inch):

SIZE	mm	350	400	450	500	600
	inch	14	16	18	20	24
L	mm	381	406	432	457	508
	inch	15.00	15.98	17.01	17.99	20.00
H	mm	862	938	1057	1142	1295
	inch	33.94	36.93	41.61	44.96	50.98
D	mm	305	305	305	305	305
	inch	12.01	12.01	12.01	12.01	12.01

Indicator Posts

Underground Type

Model No: ST-0155 - Suitable for 4"-12" NRS Gate Valves



Materials List

DET	QTY.	Description	Material
1	1	Locking Wrench	ASTMA126B
2	1	Operating Nut	ASTM B62
3	2	Hex Nut Screw	ASTMA105
4	2	Hex Nut	ASTMA105
5	1	Snap Ring	AISI A606
6	1	Target Carrier Nut	ASTM B62
7	4	Target	ASTM B108
8	4	Hex Cap Screw	ASTMA105
9	2	Window Glass	LEXAN-UM
10	2	Window Glass Gasket	PTFE
11	4	Hex Cap Screw	ASTMA105
12	4	Hex Nut	ASTMA105
13	1	Body	ASTMA536
14	6	Hex Cap Screw	ASTMA105
15	6	Hex Nut	ASTMA105
16	1	Base Flange	ASTMA126B
17	4	Hex Cap Screw	ASTMA105
18	4	Hex Nut	ASTMA105
19	1	Crane Coupling	ASTMA536
20	1	Cotter Pin	AISI 304
21	1	Stand Pipe	ASTMA53
22	1	Stem	AISI 1045
23	1	Plug	AISI 304
24	1	Cover	ASTMA126B
25	1	Cross Recessed Countersunk Head Screw	AISI 304
26	1	Locking Nose	ASTM 307 B

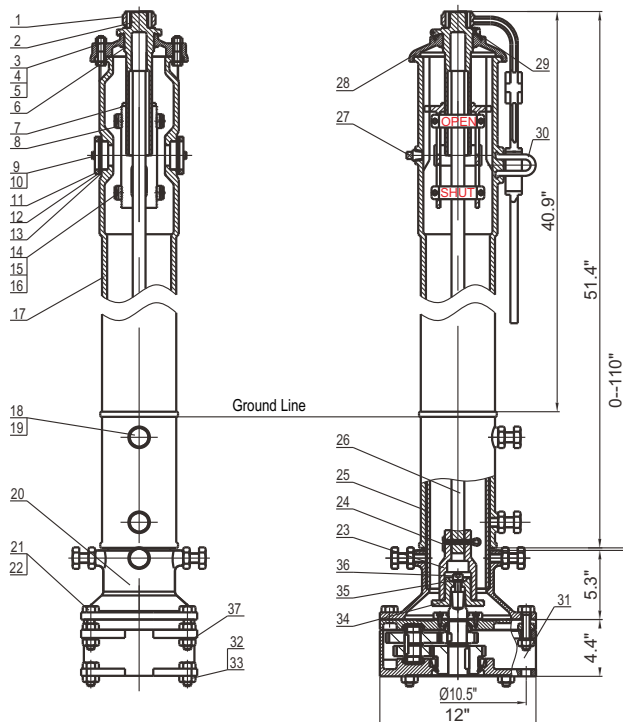
Field Adjustment:

1. Remove the top section from the top of the Indicator Post assembly.
2. Cut the required length off the bottom of the Standpipe for the Ground Line to match up with Standpipe Ground Line mark.
3. Set the "OPEN" and "SHUT" targets for the appropriate valve size.
4. Reattach the Top Section to the top of the Indicator Post assembly.
5. Design and dimensions are subject to change without notice

Indicator Posts

Underground Type

Model No: ST-0177 - Suitable for 14"-24" NRS Gate Valves



Materials List

DET	QTY.	Description	Material
1	1	Locking Wrench	ASTM A536
2	1	Operating Nut	ASTM B62/A351 CF8
3	2	Bolt	ASTM A105
4	2	Nut	ASTM A105
5	2	Flat Washer	ASTM A105
6	1	Shap Ring	AISI 606
7	1	Taget Carrier Nut	ASTM B62
8	4	Target	ASTM B108
9	4	Bolt	ASTM A105
10	4	Flat Washer	ASTM A105
11	2	Window Gland	ASTM A307B
12	2	Window Glass	LEXAN-UN STABILIZE
13	4	Gasket	EPDM
14	4	Bolt	ASTM A105
15	4	Spring Washer	ASTM A105
16	1	Nut	ASTM A105
17	6	Body	ASTM A105
18	6	Bolt	ASTM A105
19	1	NUt	ASTM A105
20	4	Base Flange	ASTM A126B
21	8	Bolt	ASTM A105
22	1	Nut	ASTM A105
23	1	Crane Coupling	ASTM A536
24	1	Cotter Pin	AISI 304
25	1	Stand Pipe	ASTM A536
26	1	Stem 1" Square	AISI 1045
27	1	Plug	AISI 304
28	1	Top Cover	ASTM A126B
29	1	Screw	AISI 304
30	1	Lock Nose	ASTM A307B
31	1	Reducer	PARTS
32	4	Bolt	ASTM A105
33	4	Nut	ASTM A105
34	1	Wrench Nut	ASTM A536
35	1	Washer	AISI 304
36	1	Hex. Socket Cap Screw	AISI 304
37	4	Spring Washer	AISI 304

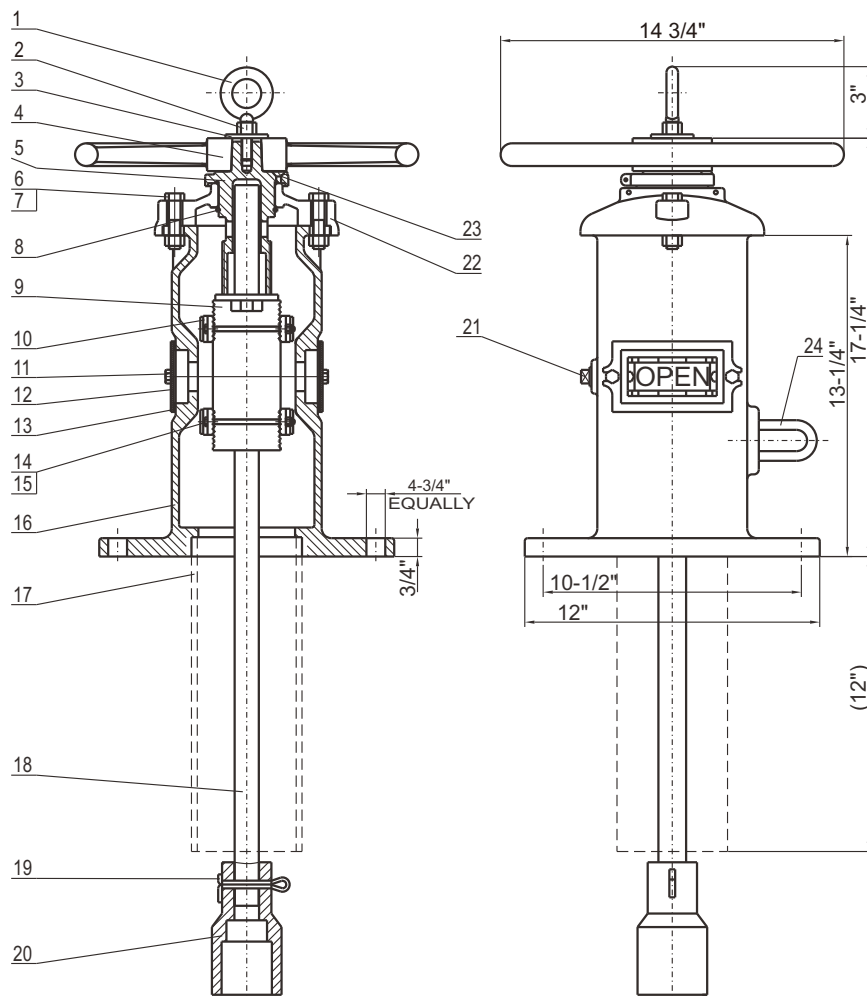
Field Adjustment:

1. Remove the top section from the top of the Indicator Post assembly.
2. Cut the required length off the bottom of the Standpipe for the Ground Line to match up with Standpipe Ground Line mark.
3. Set the "OPEN" and "SHUT" targets for the appropriate valve size.
4. Reattach the Top Section to the top of the Indicator Post assembly.
5. Design and dimensions are subject to change without notice

Indicator Posts

Wall Type

Model No: ST-0166 - Suitable for 4"-12" NRS Gate Valves



Field Adjustment:

1. Remove the top section from the top of the Indicator Post assembly.
2. Set the "OPEN" and "SHUT" targets for the appropriate valves size.
3. Reattach the Top Section to the top of the Indicator Post assembly.
4. Design and materials are subject to change without notice.

Materials List

DET	QTY.	Description	Material	DET	QTY.	Description	Material
1	1	Lifting Eyey Bolt	ASTMA105	13	2	Window Glass Gasket	PTFE
2	1	Hex Nut	ASTMA105	14	4	Hex Cap Screw	ASTMA105
3	1	Washer	ASTMA105	15	4	Hex Nut	ASTMA105
4	1	Hand Wheel	ASTMA536	16	1	Body	ASTMA536
5	1	Operating Nut	ASTM B62	17	1	Stand Pipe	ASTMA53
6	2	Hex Cap Screw	ASTMA105	18	1	Stem	AISI 1045
7	2	Hex Nut	ASTMA105	19	1	Cotter Pin	AISI 304
8	1	Snap Ring	AISI A606	20	1	Crane Coupling	ASTMA536
9	1	Target Carrier Nut	ASTM B62	21	1	Plug	AISI 304
10	4	Target	ASTM B108	22	1	Cover	ASTMA126B
11	4	Hex Cap Screw	ASTMA105	23	1	Cross Recessed Countersunk Head Screw	AISI 304
12	2	Window Glass	LEXAN-UM	24	1	Locking Nose	ASTMA307B

Gate Valve

Resilient Seated NRS Type-Groove-Groove Ends

Model No: ST1313-200
ST1313-250
ST1313-300

Valve Standard

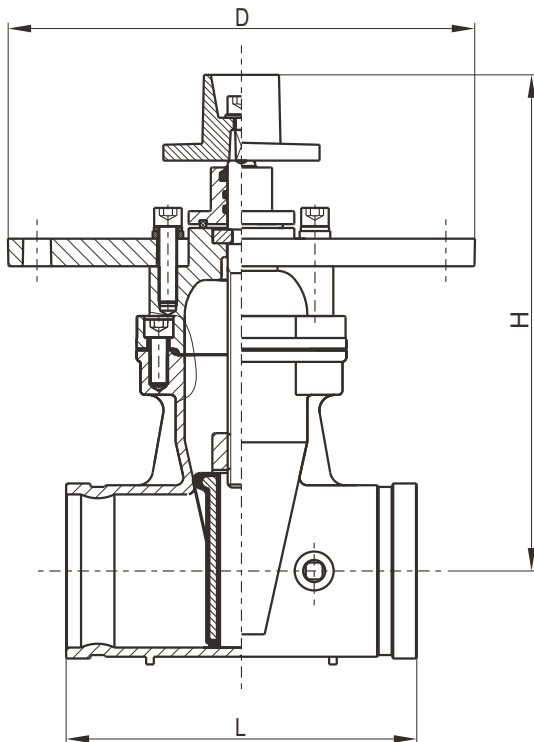
Conforms to AWWA C515 / BS5163

Working pressure

200PSI / 250PSI / 300PSI

Connection Ends

AWWA C 606



Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge Disc	Ductile Iron EPDM Coated	
Disc Nut	Bronze	ASTM B62
Stem	Stainless Steel	AISI 304/302
Gasket	EPDM	Commercial
Bonnet	Ductile Iron	A536 65-45-12
Thrust Collar	Bronze	ASTM B62
Gland	Ductile Iron	A536 65-45-12
Wrench Nut	Ductile Iron	A536 65-45-12
Post Plate	Ductile Iron	A536 65-45-12

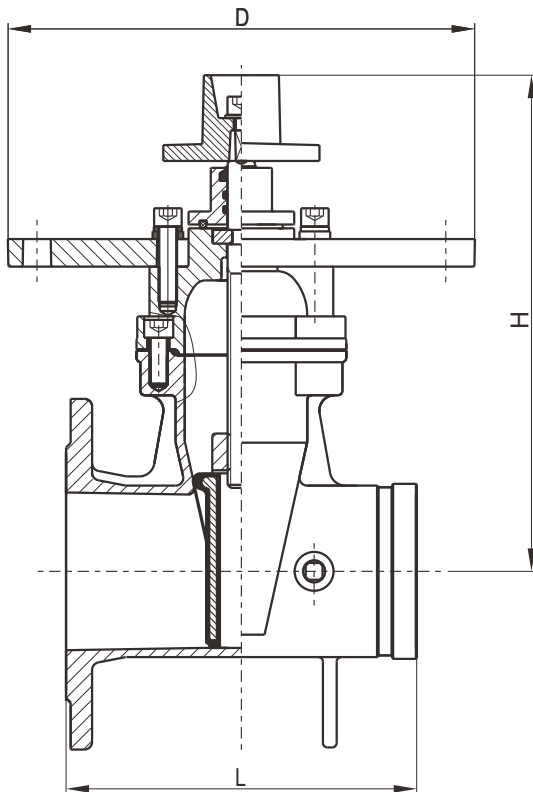
Dimensions(mm/inch):

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2 1/2	3	4	5	6	8	10	12
L	mm	178	191	203	229	254	267	292	330	356
	inch	7.00	7.50	8.00	9.00	10.00	10.50	11.50	13.00	14.00
H	mm	279	279	305	324	394	428	537	640	723
	inch	10.98	10.98	12.01	12.76	15.51	16.85	21.14	25.20	28.46
D	mm	305	305	305	305	305	305	305	305	305
	inch	12.01	12.01	12.01	12.01	12.01	12.01	12.01	12.01	12.01

Gate Valve

Resilient Seated NRS Type-Flange-Groove Ends

Model No: ST1314-200
ST1314-250
ST1314-300



Valve Standard

Conforms to AWWA C515 / BS5163

Working pressure

200PSI / 250PSI / 300PSI

Connection Ends

ANSI B16.1 Class125/150
EN1092-2 PN16
AWWA C 606

Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge Disc	Ductile Iron EPDM Coated	
Disc Nut	Bronze	ASTM B62
Stem	Stainless Steel	AISI 304/302
Gasket	EPDM	Commercial
Bonnet	Ductile Iron	A536 65-45-12
Thrust Collar	Bronze	ASTM B62
Gland	Ductile Iron	A536 65-45-12
Wrench Nut	Ductile Iron	A536 65-45-12
Post Plate	Ductile Iron	A536 65-45-12

Dimensions(mm/inch):

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2 1/2	3	4	5	6	8	10	12
L	mm	178	191	203	229	254	267	292	330	356
	inch	7.00	7.50	8.00	9.00	10.00	10.50	11.50	13.00	14.00
H	mm	279	279	305	324	394	428	537	640	723
	inch	10.98	10.98	12.01	12.76	15.51	16.85	21.14	25.20	28.46
D	mm	305	305	305	305	305	305	305	305	305
	inch	12.01	12.01	12.01	12.01	12.01	12.01	12.01	12.01	12.01

Gate Valve

Resilient Seated OS&Y Type-Flanged Ends

Model No: ST0712-200
ST0712-250
ST0712-300

Valve Standard

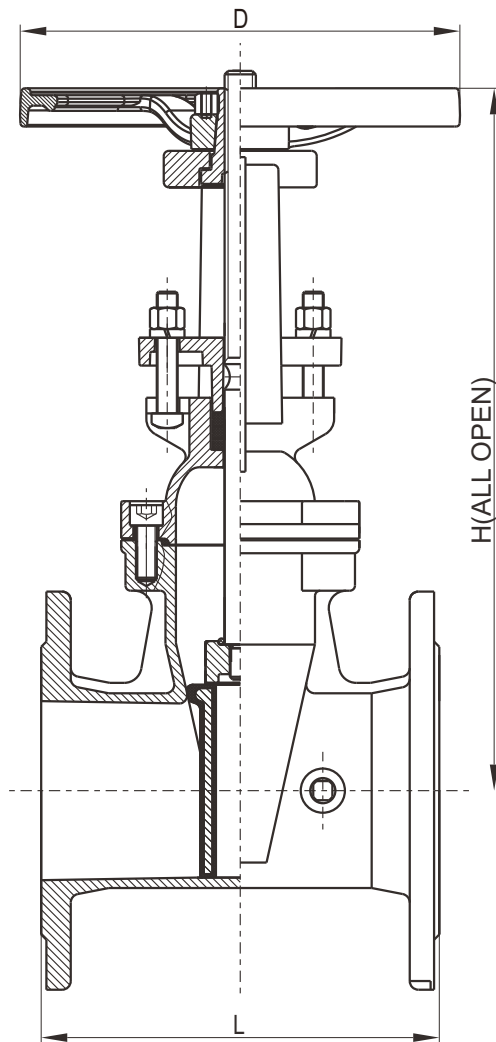
Conforms to AWWA C515 / BS5163

Working pressure

200PSI / 250PSI / 300PSI

Connection Ends

ANSI B16.1 Class125/150
EN1092-2 PN16



Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron EPDM Coated	
Wedge Nut	Stainless Steel	AISI304
Stem	Stainless Steel	AISI304/302
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Packing	Graphite	Non-asbestos
Stem Nut	Bronze	ASTM B62
Handwheel	Ductile Iron	A536 65-45-12

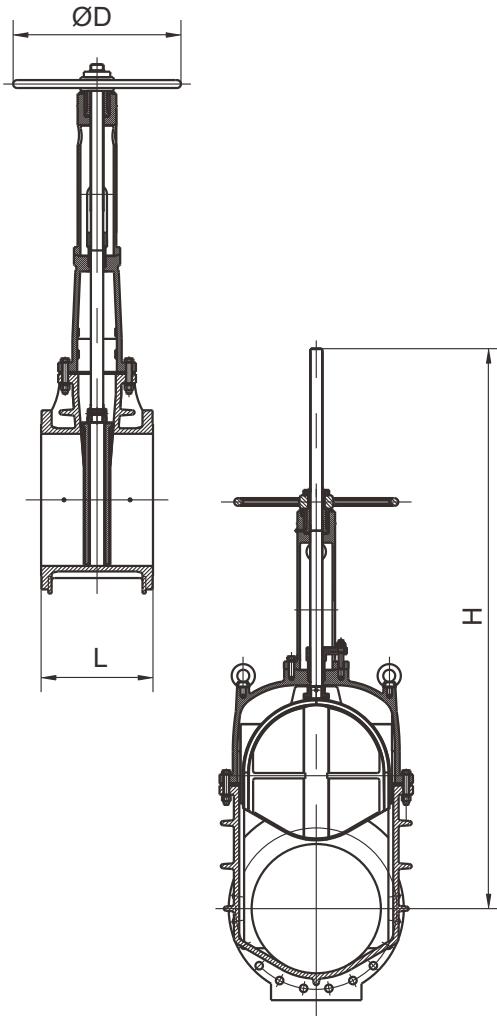
Dimensions(mm/inch):

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2 1/2	3	4	5	6	8	10	12
L	mm	178.0	191.0	203.0	229.0	254.0	267.0	292.0	330.0	356.0
	inch	7.00	7.50	8.00	9.00	10.00	10.50	11.50	13.00	14.00
H	mm	411	411	462	514	629	709	922	1116	1300
	inch	16.18	16.18	18.19	20.24	24.76	27.91	36.30	43.94	51.18
D	mm	183	183	253	253	306	306	355	445	445
	inch	7.20	7.20	9.96	9.96	12.05	12.05	13.98	17.52	17.52

Gate Valve

Resilient Seated OS&Y Type-Flanged Ends

Model No: ST0712-200
ST0712-250



Valve Standard

Conforms to AWWA C515 / BS5163

Working pressure

200PSI / 250PSI

Connection Ends

ANSI B16.1 Class125/150
EN1092-2 PN16

Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron EPDM Coated	
Wedge Nut	Stainless Steel	AISI304
Stem	Stainless Steel	AISI304/302
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Packing	Graphite	Non-asbestos
Stem Nut	Bronze	ASTM B62
Handwheel	Ductile Iron	A536 65-45-12

Dimensions(mm/inch):

SIZE	mm	350	400	450	500	600
	inch	14	16	18	20	24
L	mm	381	406	432	457	508
	inch	15.00	15.98	17.01	17.99	20.00
H	mm	1577	1800	2048	2297	2600
	inch	62.09	70.87	80.63	90.43	102.36
D	mm	508	558	610	610	762
	inch	20.00	21.97	24.02	24.02	30.00

Gate Valve

Resilient Seated OS&Y Type-Groove-Groove Ends

Model No: ST0713-200
ST0713-250
ST0713-300

Valve Standard

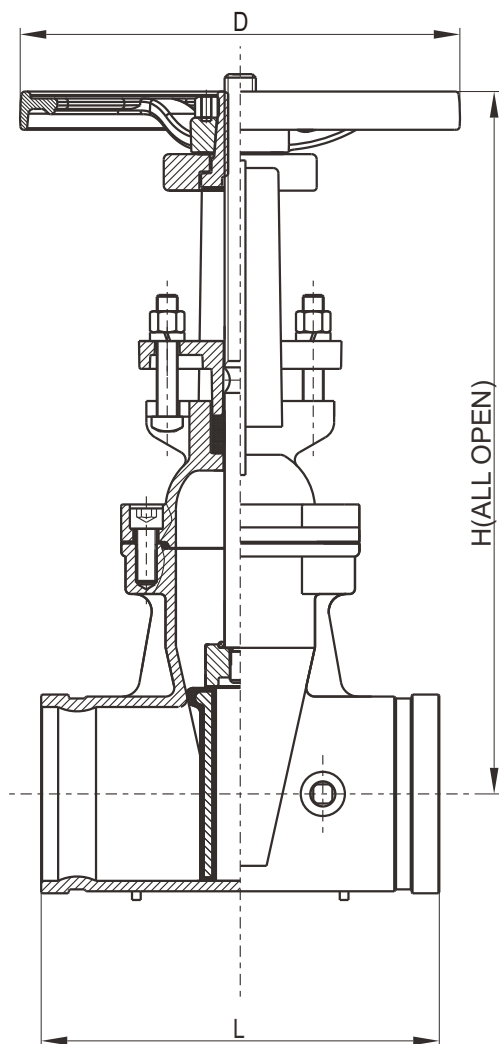
Conforms to AWWA C515 / BS5163

Working pressure

200PSI / 250PSI / 300PSI

Connection Ends

AWWA C 606



Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron EPDM Coated	
Wedge Nut	Stainless Steel	AISI304
Stem	Stainless Steel	AISI304/302
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Packing	Graphite	Non-asbestos
Stem Nut	Bronze	ASTM B62
Handwheel	Ductile Iron	A536 65-45-12

Dimensions(mm/inch):

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2 1/2	3	4	5	6	8	10	12
L	mm	178.0	191.0	203.0	229.0	254.0	267.0	292.0	330.0	356.0
	inch	7.00	7.50	8.00	9.00	10.00	10.50	11.50	13.00	14.00
H	mm	411	411	462	514	629	709	922	1116	1300
	inch	16.18	16.18	18.19	20.24	24.76	27.91	36.30	43.94	51.18
D	mm	183	183	253	253	306	306	355	445	445
	inch	7.20	7.20	9.96	9.96	12.05	12.05	13.98	17.52	17.52

Gate Valve

Resilient Seated OS&Y Type-Flange-Groove Ends

Model No: ST0714-200
ST0714-250
ST0714-300

Valve Standard

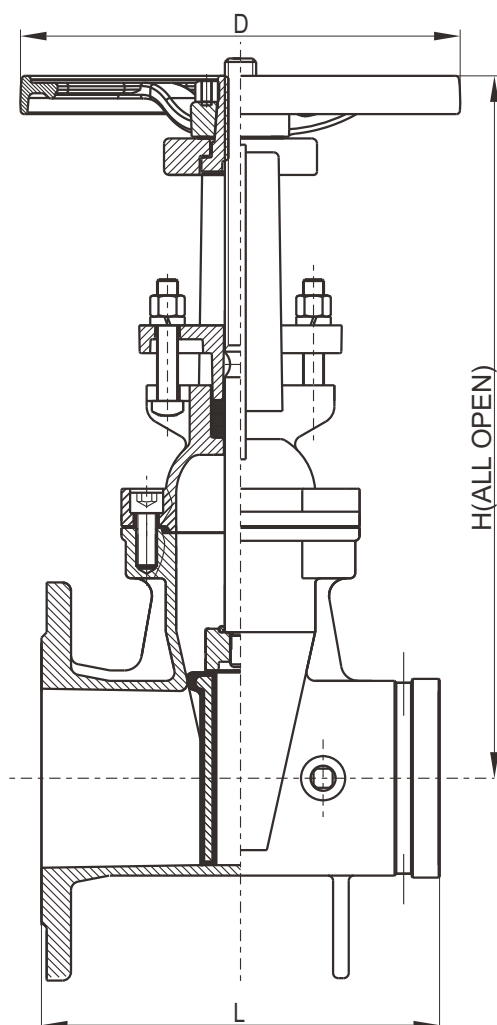
Conforms to AWWA C515 / BS5163

Working pressure

200PSI / 250PSI / 300PSI

Connection Ends

ANSI B16.1 Class125/150
EN1092-2 PN16
AWWA C 606



Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron EPDM Coated	
Wedge Nut	Stainless Steel	AISI304
Stem	Stainless Steel	AISI304/302
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Packing	Graphite	Non-asbestos
Stem Nut	Bronze	ASTM B62
Handwheel	Ductile Iron	A536 65-45-12

Dimensions(mm/inch):

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2 1/2	3	4	5	6	8	10	12
L	mm	178.0	191.0	203.0	229.0	254.0	267.0	292.0	330.0	356.0
	inch	7.00	7.50	8.00	9.00	10.00	10.50	11.50	13.00	14.00
H	mm	411	411	462	514	629	709	922	1116	1300
	inch	16.18	16.18	18.19	20.24	24.76	27.91	36.30	43.94	51.18
D	mm	183	183	253	253	306	306	355	445	445
	inch	7.20	7.20	9.96	9.96	12.05	12.05	13.98	17.52	17.52

Swing Check Valve

Resilient Seated Flanged Ends

Model No: ST0222-200
ST0222-250
ST0222-300

Valve Standard

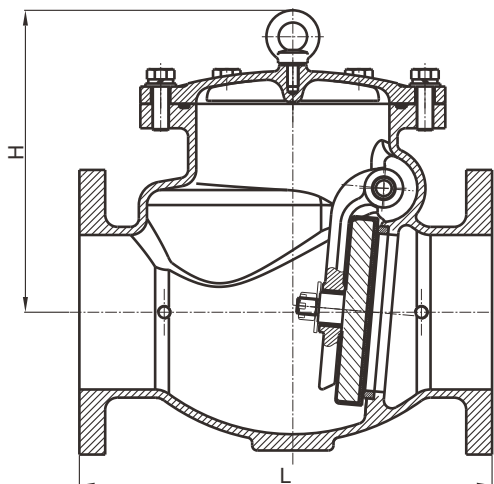
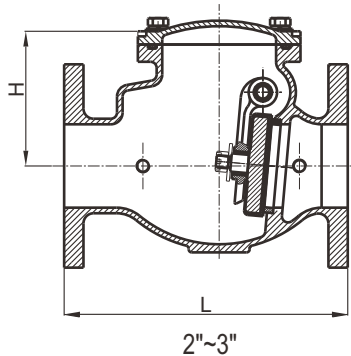
Conforms to AWWA C508, Clear Waterway

Working pressure

200PSI / 250PSI / 300PSI

Flanged Ends

ANSI B16.1 Class125/150/250,
EN1092-2 PN10/PN16/PN25
BS10 Table D/Table E



Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Cover	Ductile Iron	A536 65-45-12
Clapper	Carbon Steel	A36+SS304+EPDM
Clapper Arm	Ductile Iron	A536 65-45-12
Hinge Pin	Stainless Steel	AISI 304
Seat	Bronze	ASTM B62

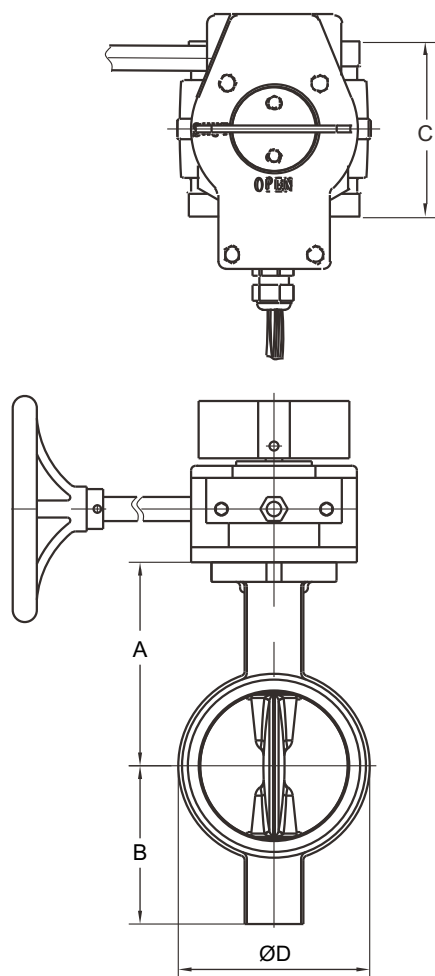
Dimensions(mm/inch)

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2½	3	4	5	6	8	10	12
L	mm	203	254	279	330	356	406	495	559	660
	inch	8	10	11	13	14	16	19.5	22	26
H	mm	117	128	132.5	222.5	290	297	365	417.5	453
	inch	4.61	5.04	5.22	8.76	11.42	11.69	14.37	16.44	17.83

Butterfly Valve

Resilient Seated Grooved Ends

Model No: ST7011-200
ST7011-250
ST7011-300



Working pressure
200PSI / 250PSI / 300PSI

Connection Ends
AWWA C606/GB/T 8260

Materials List

Component	Material	Specification
Body	Ductile Iron	A536 65-45-12
Disc	Ductile Iron EPDM Coated	
Upper&Lower Stems	Stainless Steel	AISI 410
Worn Gear Shaft	Stainless Steel	AISI 410
Housing	Cast Iron	A126 B
Hand Wheel	Ductile Iron	A536 65- 45-12B
O-Rings(All)	EPDM Grade"E"	

Dimensions(mm/inch)

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2½	3	4	5	6	8	10	12
A	mm	95	98	105	135	148	165	204	245	277.5
	inch	3.74	3.87	4.13	5.31	5.83	6.50	8.03	9.65	10.93
B	mm	78	78	85	105	128	140	170	205	258
	inch	3.07	3.07	3.35	4.13	5.04	5.51	6.69	8.07	10.16
C	mm	84.5	98	98	116	149	147.6	134	160	165
	inch	3.33	3.86	3.86	4.57	5.87	5.81	5.28	6.30	6.50
ØD	mm	72	88	98	127	156	185	235	292	323.85
	inch	2.83	3.46	3.86	5.00	6.14	7.28	9.25	11.49	12.75

Factory installed UL, listed double Tamper Switches For indoor and Outdoor Use.

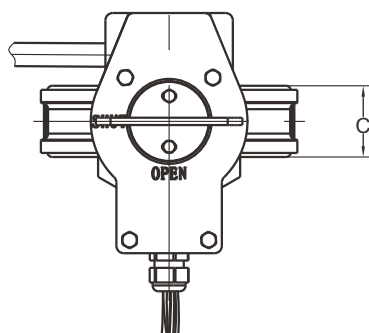
Butterfly Valve

Resilient Seated Wafer Ends

Model No: ST7022-200

ST7022-250

ST7022-300



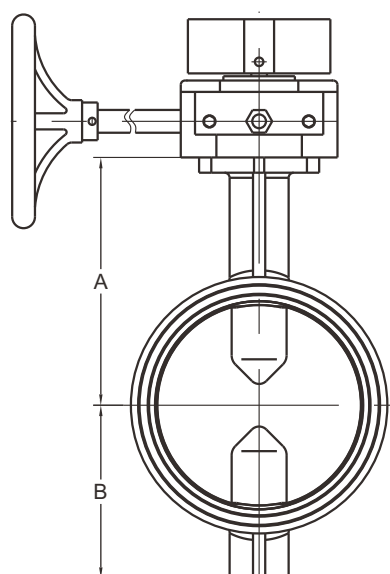
Working pressure

200PSI / 250PSI / 300PSI

Flanged Ends

ANSI B16.1 Class125/150

EN1092-2 PN10/PN16/PN25



Materials List

Component	Material	Specification
Body	Ductile Iron	A536 65-45-12
Disc	Ductile Iron EPDM Coated	
Upper&Lower Stems	Stainless Steel	AISI 410
Worn Gear Shaft	Stainless Steel	AISI 410
Housing	Cast Iron	A126 B
Hand Wheel	Ductile Iron	A536 65- 45-12B
O-Rings(All)	EPDM Grade"E"	

Dimensions(mm/inch)

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2½	3	4	5	6	8	10	12
A	mm	141	153	158	176	191	203	244	273	311
	inch	5.55	6.02	6.22	6.93	7.52	7.99	9.61	10.75	12.24
B	mm	78	78	85	105	128	140	170	205	258
	inch	3.07	3.07	3.35	4.13	5.04	5.51	6.69	8.07	10.16
C	mm	43	46	46	52	56	56	62	68	78
	inch	1.69	1.81	1.81	2.05	2.20	2.20	2.44	2.68	3.07

Factory installed UL, listed double Tamper Switches For indoor and Outdoor Use.

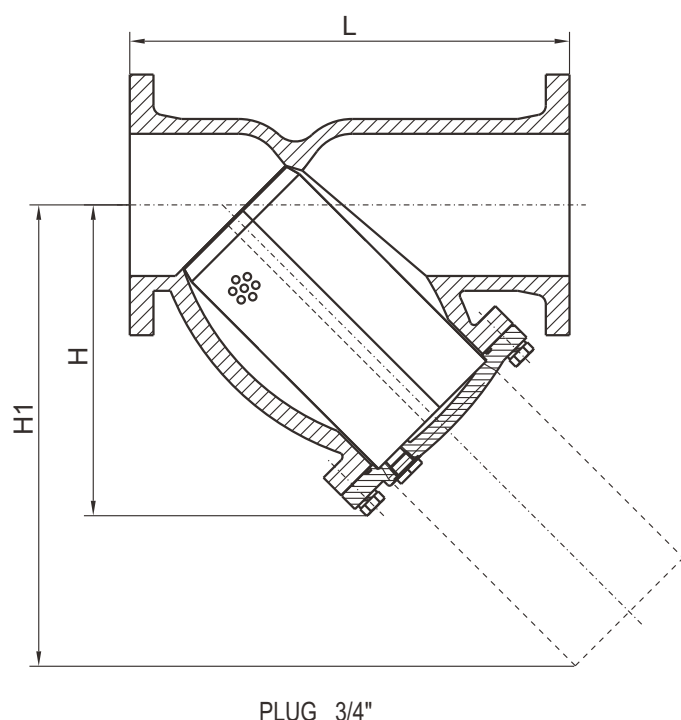
Y Strainer

Flange - Flange Ends

Model No: ST1701-200
ST1701-250
ST1701-300

Working pressure
200PSI / 250PSI / 300PSI

Flanged Ends
ANSI B16.1 Class125/150/250,
EN1092-2 PN10/PN16/PN25
BS10 Table D/Table E



Materials List

Component	Material	Specification
Body	Ductile Iron	A536 65-45-12
Cover	Ductile Iron	A536 65-45-12
Screen	Stainless Steel	AISI 304
Gasket	EPDM	
Plug	Carbon Steel	

Dimensions(mm/inch)

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2½	3	4	5	6	8	10	12
L	mm	203	254	260	308	398	472	550	654	762
	inch	7.99	10	10.24	12.13	15.67	18.58	21.65	25.75	30
H	mm	132	158	175	202	290	334	391	460	590
	inch	5.20	6.22	6.89	7.99	11.42	13.15	15.39	18.11	23.23
H1	mm	195	240	270	320	425	495	570	700	840
	inch	7.68	9.45	10.63	12.60	16.73	19.49	22.44	27.56	33.07

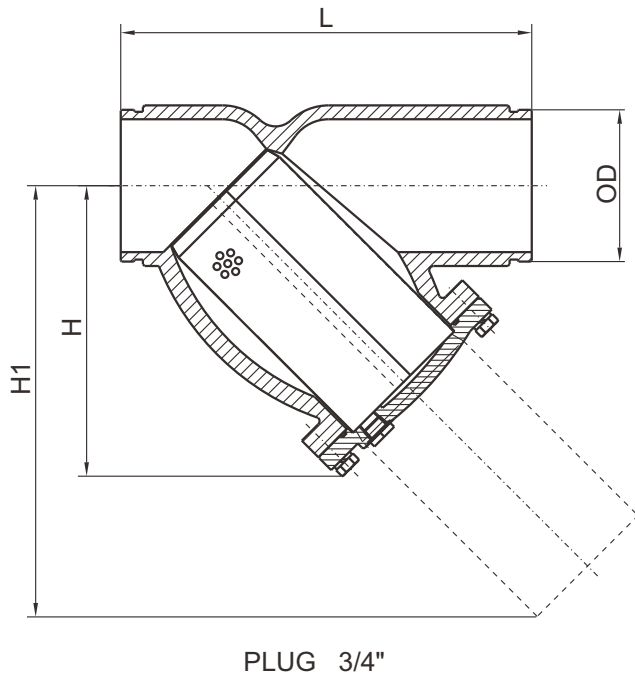
Y Strainer

Groove-Groove Ends

Model No: ST1702-200
ST1702-250
ST1702-300

Working pressure
200PSI / 250PSI / 300PSI

Flanged Ends
AWWA C 606



Materials List

Component	Material	Specification
Body	Ductile Iron	A536 65-45-12
Cover	Ductile Iron	A536 65-45-12
Screen	Stainless Steel	AISI 304
Gasket	EPDM	
Plug	Carbon Steel	

Dimensions(mm/inch)

SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2½	3	4	5	6	8	10	12
L	mm	230	254	272.4	308	398	472	550	654	762
	inch	9.06	10	10.71	12.13	15.67	18.58	21.65	25.75	30
H	mm	130	158	175	202	290	334	391	460	590
	inch	5.12	6.22	6.89	8	11.42	13.15	15.39	18.11	23.23
H1	mm	195	240	270	320	425	495	570	700	840
	inch	7.68	9.45	10.63	12.60	16.73	19.49	22.44	27.56	33.07
OD	mm	60.3	73.0/76.1	88.9	114.3	139.7/141.3	165.1/168.3	219.1	273	323.9
	inch	2.37	2.87/3	3.50	4.5	5.5/5.56	6.5/6.63	8.63	10.75	12.75

Y Strainer

Flange-Groove Ends

Model No: ST1703-200
ST1703-250
ST1703-300

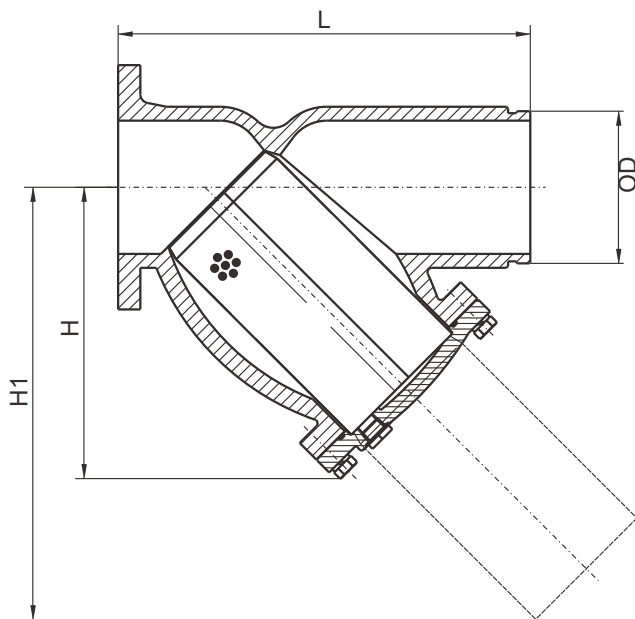
Working pressure
200PSI / 250PSI / 300PSI

Flanged Ends

ANSI B16.1 Class125/150/250,
EN1092-2 PN10/PN16/PN25
BS10 Table D/Table E
AWWA C 606

Materials List

Component	Material	Specification
Body	Ductile Iron	A536 65-45-12
Cover	Ductile Iron	A536 65-45-12
Screen	Stainless Steel	AISI 304
Gasket	EPDM	
Plug	Carbon Steel	



PLUG 3/4"

Dimensions(mm/inch)

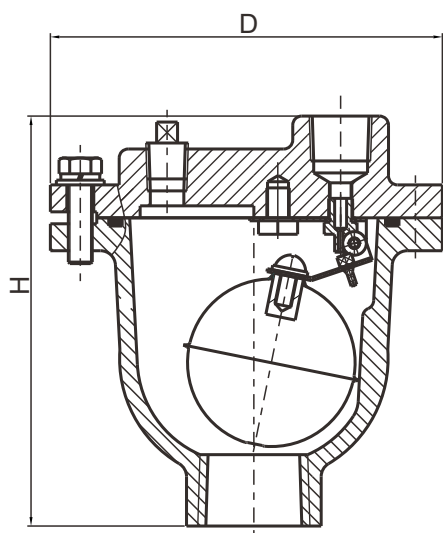
SIZE	mm	50	65	80	100	125	150	200	250	300
	inch	2	2½	3	4	5	6	8	10	12
L	mm	203	254	260	308	398	472	550	654	762
	inch	8	10	10.24	12.13	15.67	18.58	21.65	25.75	30
H	mm	130	158	175	202	290	334	391	460	590
	inch	5.12	6.22	6.89	7.95	11.42	13.15	15.39	18.11	23.23
H1	mm	195	240	270	320	425	495	570	700	840
	inch	7.68	9.45	10.63	12.60	16.73	19.49	22.44	27.56	33.07
OD	mm	60.3	73.0/76.1	88.9	114.3	139.7/141.3	165.1/168.3	219.1	273	323.9
	inch	2.37	2.87/3	3.50	4.5	5.5/5.56	6.5/6.63	8.63	10.75	12.75

Air Release Valve

Screwed Ends

Model No: ST9011-200

Working pressure
200PSI



Connection Ends
NPT/BSPT/BSPP

Materials List

Part	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Cover	Ductile Iron	A536 65-45-12
Level	Stainless Steel	AISI 304
Seat Ring	Stainless Steel	AISI 304
Float	Stainless Steel	AISI 304
Float Arm	Stainless Steel	AISI 304
Orifice Button	Viton	Commercial

Dimensions

DN		Inlet	Outlet	Orifice	D	H
mm	inch					
15	1/2	15	15	1.6	125	137
20	3/4	20	15	1.6	125	137
25	1	25	15	1.6	125	137

Pressure Restricting Angle Hose Valve

Threaded Ends

Model No: F11 & F22

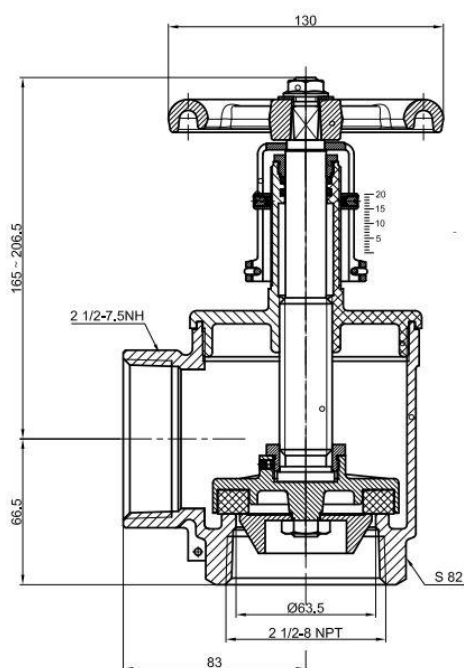
Product Description

FWIC Pressure Restricting Angle valves are capable of adjustment to provide a range of the outlet pressures under flowing condition only.

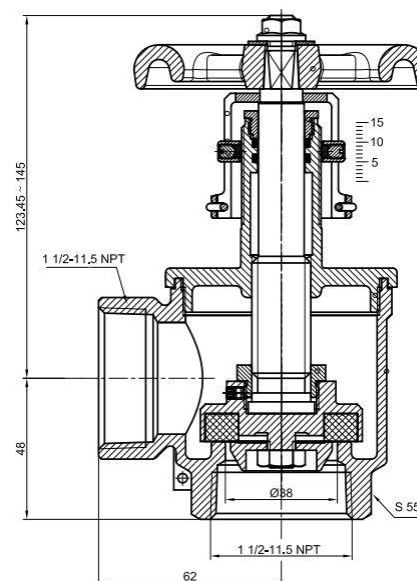
For Hose Connections to be used on fire protection standpipe system with maximum working pressure up to 300 PSI.

Features

- Adjustable restriction of residual pressure.
- Working pressure of 175 psi as per UL listing.
- Locking pin device restricts full opening of valve by untrained personnel, pin may be removed by
- Double Female NPT inlet and outlet or female NPT inlet x male hose thread outlet standard connections.
- Maximum test pressure of 350 psi
- Optional finishes - polished brass, rough chrome plated, polished chrome plated.



F22 - 2-1/2"



F11 - 1-1/2"

Model	Size	Type	Finishing
F11	1½" x 1½"	Double female - Angle NPT inlet (F) x NPT outlet (F)	Forged Brass, Polished Brass Rough Chrome, Polished Chrome
F22	2½"x 2½"	Double female - Angle NPT inlet (F) x NPT outlet (F)	Forged Brass, Polished Brass Rough Chrome, Polished Chrome
F11	1½" x 1½"	Female x Male hose thread - Angle NPT inlet (F) x Hose outlet (M)	Forged Brass, Polished Brass Rough Chrome, Polished Chrome
F22	2½"x 2½"	Female x Male hose thread - Angle NPT inlet (F) x Hose outlet (M)	Forged Brass, Polished Brass Rough Chrome, Polished Chrome

Pressure Reducing Valve

Threaded Ends

Model No: P25

Product Description

FWIC Pressure reducing valves are designed for installation on portable water lines to reduce high inlet pressure to a lower outlet pressure. The integral strainer makes this device most suitable for residential and commercial water systems that require frequent cleaning of sediment and debris.

Model	Size	Pressure Rating	Connections
P25	1"	300psi	NPT



Lock Shield Valve

Threaded Ends

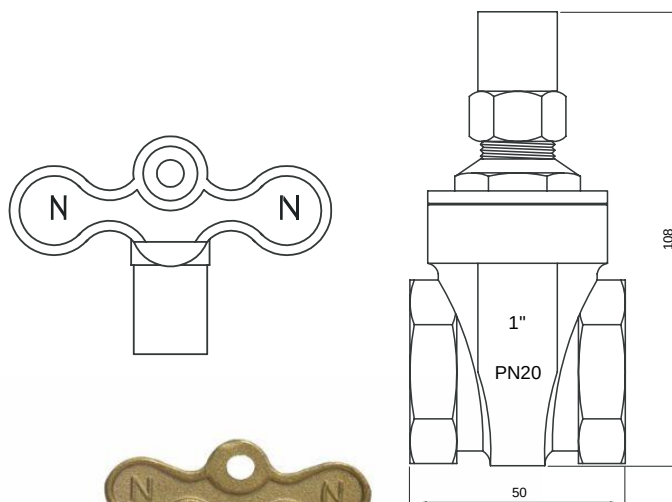
Model No: L25

Product Description

FWIC Lock Shield Valve is usually installed where unauthorized operation has to be avoided. A typical application of this valve is installing these at inlet pipe to the hose reel where it can be opened only by key and key kept

Features

- Solid Wedge, non-rising stem, screwed in bonnet.
- Valves are manufactured in accordance to BS 5154 series B.
- Service temperature -10 to +66°C.
- Pressure rating is PN 20.
- End connection is BSPT threaded to BS21.
- Material: Brass



Model	Size	Pressure Rating	Connections
L25	1"	PN20	BSPT Female Threaded



LIMITED WARRANTY/CAUTION

FWIC products are warranted against manufacturing defects for 12 months from the date of Invoice/Supply as per our company normal warranty terms.

Moreover, the technical data provided in this catalogue has been developed from our design calculation, in-house testing and field reports provided by our customer and/or published official standards (or) specifications.

The products are good only to cover typical applications as a general guideline to the users of FWIC products introduced in this catalogue.

For any specific application, users are requested to contact SENSORTECH for technical advice or to carry out their own study and evaluation for providing suitability of the products to such an application. Failure to follow this request could result in property damage and/or personal injury, for which we shall not be liable.

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