

WETPLUG®

FIRE PROTECTION PRODUCTS



Born to Protect
Effective 2023

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.

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

WETPLUG Products has been consistently maintaining ISO W9001 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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PORTABLE DRY POWDER FIRE EXTINGUISHER

PRODUCT DESCRIPTION

WETPLUG ABC Dry Powder Fire Extinguisher is multi-purpose for all A, B, C and Electrical fire risks. ABC dry powder fire extinguishers are filled with high performance ABC powder and ideal for residential, commercial and industrial applications (such as paper, wood, plastic, etc.).

FEATURES

- † Kitemark & LPCB Certified to BS EN3.
- † Factory filled with high versatile ABC dry powder for great fire knock down.
- † High ultra violet resistant polyester coating for extra protection from extremely harsh elements.
- † Easy squeeze-grip operation and all metal handles.
- † Complete with metal brackets (1 & 2 kg models with vehicle brackets)
- † Heavy duty brackets for marine and truck applications are optional.
- † Choice of capacity from 1 to 12Kg.

Ideal Use: Houses, office, buildings, warehouses, farms, wood working area etc.

Caution: Suitable for use on Live Electrical equipment up to 1000V at a distance of 1M.



Technical Specifications	WPP1	WPP2	WPP3	WPP4	WPP6	WPP6RS	WPP9	WPP12
Propellant Type	Stored Pressure							
Extinguishing Medium	Dry Powder							
Agent Capacity (Kg)	1	2	3	4	6	6	9	12
Height (mm)	315	383	438	490	540	540	556	672
Shell Diameter (mm)	85	110	130	130	154	154	182	190
Working Pressure (bar)	15	15	15	15	15	15	15	15
Test Pressure (bar)	27	27	27	27	27	27	27	27
Full Weight with Agent (Kg)	1.90	3.60	5.20	6.80	9.30	9.30	13.70	17.40
Discharge Time Approx. Sec	6.5	13.5	15	17	17	16	19	30
Operating Temp. Range	-30°C to +60°C							
Fire Rating	8A 55B C	13A 89B C	21A 113B C	27A 144B C	43A 233B C	55A 233B C	55A 233B C	55A 233B C
Approved to EN3	✓	✓	✓	✓	✓	✓	✓	✓

WPP1 Comes with an Aluminium Body. All other Extinguishers are Steel Body.

PORTABLE WATER FIRE EXTINGUISHER

PRODUCT DESCRIPTION

WETPLUG stored pressure water extinguishers are characterised by their high performance, and simple method of operation ideal for tackling freely burning materials such as paper, cloth, wood and furniture. These are good general purpose fire extinguishers and widely used for their cost effectiveness.

FEATURES

- † Kitemark & LPCB Certified to BS EN3.
- † All Models except WPW9 are tested to clause of 9.2 EN3-7 for use on live electrical equipments.
- † High UV resistant polyester coating for extra protection from extremely harsh elements.
- † Polyethylene lined cylinders for corrosion resistance.
- † Easy squeeze-grip operation and all metal handles.
- † Complete with metal brackets.

Ideal Use: Schools, Theatres, Apartments, Offices and Dry Goods Store.

Caution: Water based Extinguishers are not suitable for life involving electrical risk.



KM 720321

Technical Specifications	WPW6	WPW9	WPWA3	WPWA6
Propellant Type	Stored Pressure			
Extinguishing Medium	Water		Water Additive	
Agent Capacity (Kg)	6	9	3	6
Height (mm)	537	620	435	537
Shell Diameter (mm)	162	182	130	162
Working Pressure (bar)	15	15	15	15
Test Pressure (bar)	27	27	27	27
Full Weight with Agent (Kg)	9.60	14.00	5.20	9.60
Discharge Time Approx. Sec	45	22 (Jet Nozzle)	20	45
Operating Temp. Range	5°C to +60°C			
Fire Rating	13A	21A	13A	27A
Approved to EN	✓	✓	✓	✓

PORTABLE FOAM FIRE EXTINGUISHER

PRODUCT DESCRIPTION

WETPLUG stored pressure foam extinguishers are multi-purpose, ideal for fires involving volatile liquids and freely burning materials such as paper, cloth, wood and furniture.

FEATURES

- † Kitemark & LPCB Certified to BS EN3.
- † All models are tested to clause 9.2 of EN3-7 for use on live electrical equipment.
- † High UV resistant polyester coating for extra protection from extremely harsh elements.
- † Polyethylene lined cylinders for corrosion resistance.
- † Easy squeeze-grip operation and all metal handles.
- † Complete with metal brackets (1 & 2 Liter models with vehicle brackets)
- † Heavy duty brackets for marine and truck applications are optional.

Ideal Use: Schools, Theatres, Apartments, Offices and Dry Goods Store.

Caution: Foam extinguishers are not suitable for life involving electrical risk.



Technical Specifications	WPF2	WPF3	WPF6	WPF6RS	WPF9
Propellant Type	Stored Pressure				
Extinguishing Medium	AFFF Foam				
Agent Capacity (Kg)	2	3	6	6	9
Height (mm)	403	438	537	537	620
Shell Diameter (mm)	110	130	162	162	182
Working Pressure (bar)	15	15	15	15	15
Test Pressure (bar)	27	27	27	27	27
Full Weight with Agent (Kg)	3.60	5.20	9.60	9.60	14.00
Discharge Time Approx. Sec	15	20	22	22	30
Operating Temp. Range	5°C to +60°C				
Fire Rating	8A 55B	13A 89B	21A 183B	27A 183B	27A 233B
Approved to EN3	✓	✓	✓	✓	✓

PORTABLE WET CHEMICAL FIRE EXTINGUISHER

PRODUCT DESCRIPTION

WETPLUG stored pressure type wet chemical extinguishers are used for cooking oil or fat fires where the spray can create a flame almost immediately. Extinguishment happens while the wet chemical agent reacts with oil to form a soap like film to seal the surface of the oil and cool it down to prevent re-ignition.

FEATURES

- † Kitemark & LPCB Certified to BS EN3.
- † All models are tested to clause 9.2 of EN3-7 for use on live electrical equipments.
- † 3L and 6L models come with stylish lancer for easy application
- high ultra violet resistant polyester coating for extra protection from extremely harsh elements.
- † Polyethylene lined grip operation for corrosion resistance.
- † Easy squeeze-grip operation and all metal handles.
- † Complete with metal brackets (2L models with vehicle brackets)

Caution: Don't use on electrical fire.



Technical Specifications	WPWC2	WPWC3	WPWC6
Propellant Type	Stored Pressure		
Extinguishing Medium	Wet Chemical		
Agent Capacity (Kg)	2	3	6
Height (mm)	405	435	537
Shell Diameter (mm)	110	130	162
Working Pressure (bar)	9	9	9
Test Pressure (bar)	27	27	27
Full Weight with Agent (Kg)	3.60	5.40	9.60
Discharge Time Approx. Sec	15	20	42
Operating Temp. Range	5°C to +60°C		
Fire Rating	8A 34B 25F	13A 70B 40F	21A 113B 75F
Approved to EN3	✓	✓	✓

PORTABLE CO₂ FIRE EXTINGUISHER

PRODUCT DESCRIPTION

WETPLUG CO₂ fire extinguishers leave no residue after discharge, therefore they are ideal for B and electrical fire risks involving electrical equipments in residential, commercial and industrial environments like computer rooms, data storage centres etc.

FEATURES

- † Kitemark & LPCB Certified to BS EN3.
- † Clean with no harm to machinery equipments.
- † High ultra violet resistant polyester coating for extra protection from extremely harsh elements.
- † Chrome plated valve with pressure release mechanism.
- † Fitted with anti electrostatic hose & horn for effective discharge.
- † Complete with metal wall brackets. Heavy duty brackets for marine and truck applications are optional.

Ideal Use: Chemical manufacturing plant, oil rigs, rail yards, warehouses, construction sites, parking garages, airport, boat and docks, and large laboratories.



Technical Specifications	WPC2	WPC2A	WPC5	WPC5A
Body Material	Steel	Aluminium	Steel	Aluminium
Extinguishing Medium	CO ₂			
Agent Capacity (Kg)	2	2	5	5
Height (mm)	565	545	745	675
Shell Diameter (mm)	103	111	136	152
Working Pressure (bar)	150	150	150	150
Test Pressure (bar)	250	250	250	250
Full Weight with Agent (Kg)	6.20	5.00	14.40	12.00
Discharge Time Approx. Sec	6	6	9	9
Operating Temp. Range	-30°C to +60°C			
Fire Rating	34B	34B	70B	70B
Approved to EN3	✓	✓	✓	✓

AUTOMATIC PORTABLE DRY POWDER FIRE EXTINGUISHER

PRODUCT DESCRIPTION

WETPLUG Automatic Fire Extinguishers are developed with the latest design and up-to-date sprinkler technology. The robust structure of the equipment comes with a strong construction made of the best grade of steel and ideal for use in enclosed places such as engine/plant rooms, switchrooms, unmanned/confined locations, etc.

FEATURES

- † Desigend to comply with International Standards.
- † High UV resistant polyester coating for extra protection from extremely harsh elements.
- † Fitted with a heat-sensitive glass bulb 68°C and pressure gauge, brackets.
- † Powerful fire fighting capability (Note: 6kg ABC powder covers 25 m2)



Technical Specifications	WAP4	WAP6
Propellant Type	Stored Pressure	
Extinguishing Medium	Dry Powder	
Agent Capacity (Kg)	4	6
Height (mm)	195	207
Shell Diameter (mm)	250	250
Working Pressure (bar)	15	15
Test Pressure (bar)	27	27
Full Weight (Kg)	7.00	8.60
Discharge Time Approx. Sec	15	20
Operating Temp. Range	-30°C to +60°C	

MOBILE DRY POWDER FIRE EXTINGUISHER

PRODUCT DESCRIPTION

WETPLUG Mobile stored pressure ABC Dry powder extinguishers are characterized by their high performance and simple method of operation. The ABC Dry powder Mobile type extinguisher contains high performance powder and thus has achieved highest fire rating.

FEATURES

- † LPCB Certified to BS EN 1866-1.
- † The fire extinguishers are designed to comply all the specification requirements of BS EN 1866-1.
- † Highest fire rating due to high performance ABC powder.
- † Ready for instant use and simple to operate.
- † Easily transportable & Field rechargeable.



Technical Specifications	WMP25	WMP50	WMP100
Extinguishing Medium	Dry Powder		
Agent Capacity (Kg)	25	50	100
Height (mm)	870	1200	1200
Shell Diameter (mm)	250	300	400
Working Pressure (bar)	15	15	15
Test Pressure (bar)	26	26	26
Full Weight with Agent (Kg)	40	77	140
Discharge Time Approx. Sec	30	35	35
Operating Temp. Range	-30°C to +60°C		
Fire Rating	IIB C	IVB C	IVB C
Approved to EN3	✓	✓	✓

MOBILE FOAM FIRE EXTINGUISHER

PRODUCT DESCRIPTION

WETPLUG Mobile foam fire extinguishers are characterized by their high performance and simple method of operation. WETPLUG Mobile Foam extinguishers are most suitable for fires involving flammable liquids and freely burning materials such as paper, cloth and wood.

FEATURES

- † LPCB Certified to BS EN 1866-1.
- † The extinguisher contains high performance extinguishing agent 1.5% AFFF foam.
- † Long throw foam nozzle with grip control.
- † Strong and stylish wheel for smooth moving.



Technical Specifications	WMF50	WMF100
Extinguishing Medium	AFFF Foam	AFFA Foam
Agent Capacity (Kg)	50	100
Height (mm)	1200	1200
Shell Diameter (mm)	300	400
Working Pressure (bar)	15	15
Test Pressure (bar)	26	26
Full Weight with Agent (Kg)	77	140
Discharge Time Approx. Sec	35	35
Operating Temp. Range	5°C to +60°C	
Fire Rating	IVB	IVB
Approved to EN 1866	✓	✓

MOBILE CO₂ FIRE EXTINGUISHER

PRODUCT DESCRIPTION

WETPLUG Mobile CO₂ fire extinguishers are characterized by their high performance and simple method of operation. They are suitable for fires involving flammable liquids, gases and electrical equipment.

FEATURES

- † LPCB Certified to BS EN 1866-1
- † The Fire Extinguishers are designed to comply with the specifications and requirements of BS EN 1866-1.
- † Clean and highly effective.
- † Easily transportable & Field rechargeable.



Technical Specifications	WMC10	WMC20	WMC30
Extinguishing Medium	CO ₂		
Agent Capacity (Kg)	10	20	30
Height (mm)	1220	1305	1590
Shell Diameter (mm)	152	219	219
Working Pressure (bar)	150	150	150
Test Pressure (bar)	225	225	225
Full Weight with Agent (Kg)	46	100	117
Discharge Time Approx. Sec	35	35	35
Operating Temp. Range	-30°C to +60°C		
Fire Rating	144B	183B	183B
Approved to EN1866	✓	✓	✓

FIRE BLANKET

PRODUCT DESCRIPTION

WETPLUG Fire blankets are made of fire resistant glass fibre fabric with silicone coating. It is primarily intended for extinguishing cooking oil fires in the kitchen.

FEATURES

- † LPCB Certified.
- † Wetplug fire blankets are electrical resistant not less than 1M to ensure that in the event of use where live electrical equipment is concerned, the potential for an electrical shock is minimised.
- † WETPLUG fire blankets confirm to the requirements of BS EN 1869:1997.
- † Container can be wall-mounted.
- † Easy and quick withdrawal of blanket from container.
- † Fire blankets are efficiently packaged in a choice of containers such as PVC boxes,
- † PVC bags, Polyester bags and PP box for domestic and industrial uses.
- † Fire blankets can also be used to wrap around a person whose clothing is on fire.

Ideal Use: Kitchens, offices, factories, buildings, warehouses, gas station, caravans, farms etc.



Model No.	Size	Material
WFB4X4	1.2 x 1.2m	Fiberglass with Silicone Coating
WFB4X6	1.2 x 1.8m	
WFB5X6	1.5 x 1.8m	

FIRE HOSE REEL

PRODUCT DESCRIPTION

WETPLUG fire hose reels provide a very effective fire fighting facility with a continuous supply of water available immediately. The construction and performance of a fire hose reel with semi-rigid hose ensures suitable installation in buildings and other construction works for use by the occupants. The fire hose reels are manufactured in both manual and automatic versions to comply to BS EN 671-1:2012 standard with semi-rigid hose complying with EN 694:2001 standards.

FEATURES

- † LPCB Certified.
- † The automatic fire hose reels will open fully within 3 revolution of the reel.
- † Integrated automatic stop/manual valve
- † The nozzle have SHUT, JET and SPRAY control settings.
- † Roller hose guide allowing the hose to be run out in any direction.
- † Hose reel with side discs powder coated RAL 3000 red
- † The reel discs are painted RED with printed user instructions.
- † Stainless steel/Chrome Plated can be available on request.



Type	Model No.	Hose Dia & Length	Valve	Disk Size/Distance
Fixed, Automatic (Rotary Nozzle)	W-FHR-A19	19mm & 30m	Automatic	555 x 140mm
Fixed, Manual (Rotary Nozzle)	W-FHR-M19	19mm & 30m	Manual	555 x 140mm
Fixed, Automatic (Rotary Nozzle)	W-FHR-A25	25mm & 30m	Automatic	555 x 170mm
Fixed, Manual (Rotary Nozzle)	W-FHR-M25	25mm & 30m	Manual	555 x 170mm
Swinging, Automatic (Rotary Nozzle)	W-SHR-A19	19mm & 30m	Automatic	555 x 140mm
Swinging, Manual (Rotary Nozzle)	W-SHR-M19	19mm & 30m	Manual	555 x 140mm
Swinging, Automatic (Rotary Nozzle)	W-SHR-A25	25mm & 30m	Automatic	555 x 170mm
Swinging, Manual (Rotary Nozzle)	W-SHR-M25	25mm & 30m	Manual	555 x 170mm

SINGLE JACKET HOSE - SINGLE LAYERED

PRODUCT DESCRIPTION

WETPLUG single jacket fire hose consists of 100% polyester plain-woven synthetic and natural rubber linings. This fire hose has very good resistance to ageing and abrasion. The light fire hose is suitable for normal situation.

FEATURES

- † UL-19 Listed and Confirming to BS 6391:2009 Type 1.
- † Premium quality rubber lined single jacket hose.
- † Circular woven jacket made up of 100% polyester.
- † High quality synthetic EPDM rubber lining.
- † Light and flexible, sea water and weather resistant, ageing and resistant.
- † Unaffected by fungus.
- † Heat & Abrasion resistant.
- † High burst pressure, yet quite flexible facilitating operation.



Model No.	Diameter(in)	Burst Pressure(Psi)	Proof Pressure(Psi)	Kink Test Pressure(Psi)	Working Pressure(Psi)
W-FH-S15	1.5	750	500	500	250
W-FH-S25	2.5	750	500	500	250

SINGLE JACKET HOSE - THREE LAYERED

PRODUCT DESCRIPTION

WETPLUG Single jacket fire hose consists of Smooth inner unified lining of specially formulated Polymer, with high tenacity synthetic fibre circular woven seamless reinforcement, totally encapsulated in all synthetic specially formulated Polymer, Extruded, Ribbed cover.

FEATURES

- † UL-19 Listed and Confirming to BS 6391:2009 Type 3.
- † Heavy duty fully extruded " Thru-the-weave" delivery hose.
- † 100% High tenacity polyester/poly-amide circular woven reinforcement.
- † Embedded in a high quality special grade of nitrile/PVC rubber compound.
- † Ribs on external cover provides very high abrasion resistant and ease of handling.
- † Extremely long service life.
- † Maintenance free & easy to repair.



Fields of Applications: Ideal for Fire departments, Refineries, Armed forces, Airports, Heavy Industry, Ships & Oil rigs,

Model No.	Diameter(in)	Burst Pressure(Psi)	Proof Pressure(Psi)	Kink Test Pressure(Psi)	Working Pressure(Psi)
W-FH-T15	1.5	750	500	500	250
W-FH-T25	2.5	750	500	500	250

HAND-HELD BRANCH PIPE

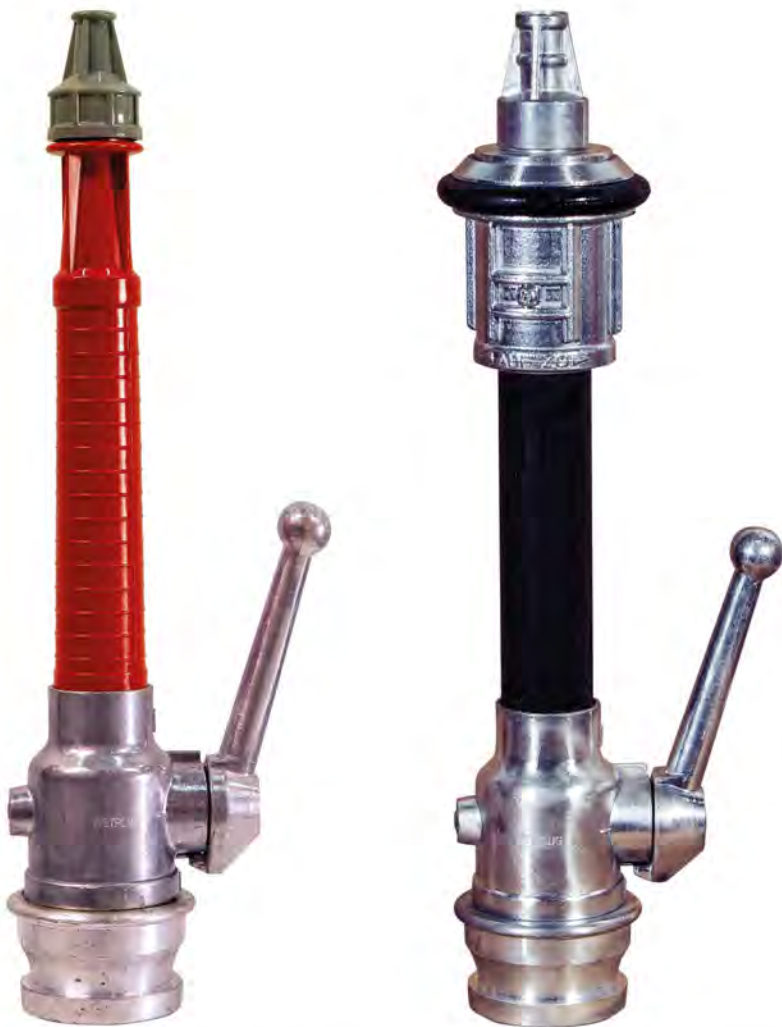
PRODUCT DESCRIPTION

WETPLUG hand-held branch pipe is made by combination of Aluminium and plastics. The water flow control is by means of SHUT, JET and SPRAY. The branch pipe has male instantaneous coupling inlet.

FEATURES

- † Body and Tip made of Aluminium.
- † Pipe material made of Poly-amide.
- † The branch pipe has a ball valve of ABS (plastic) construction.

Maintenance: After use drain the water and disconnect from hose.



Model No.	Nozzle Bore(mm)	Inlet Size(in)	Hydro Test Pressure(Kg/cm)	Working Pressure(Kg/cm)	Flow (LPM)
WBP-155	9.5	2½" Male Inst. BS:336	23	7	150
WBP-156	16	2½" Male Inst. BS:336	23	7	450

HOSE REEL & EXTINGUISHER CABINET

PRODUCT DESCRIPTION

WETPLUG cabinets are designed to accommodate fire hose reel, fire fighting equipment.

FEATURES

- † Cabinet material made of Electro Galvanized sheet or Stainless Steel Sheet (Full stainless steel brush or mirror finish).
- † Locking of cabinet is either key operated or round handle cam latch.
- † Cabinets are available either in surface mounted or recessed mounted type.
- † Cabinet door shall be solid door and available in vertical & horizontal versions.



Single Door Surface & Recessed Type
Fire Hose Reel Cabinets



Horizontal Double Door Recessed Type Fire
Extinguisher & Hose Reel Cabinet



Horizontal Double Door Surface Type Fire
Extinguisher & Hose Reel Cabinet



Double Fire Extinguisher
Surface Type Cabinet with Glass



Double Fire Extinguisher
Recessed Type Cabinet with Glass



Vertical Double Door Surface & Recessed Type Cabinets



Description	Dimensions
Fire Extinguisher Cabinet	800 X 400 X 250mm / as required
Breeching Inlet Cabinet	600 X 600 X 300mm, 600 X 450 X 300mm / as required
Fire Hose Reel Cabinet	800 X 800 X 300 & 1600 X 800 X 300mm / As required

WET BARREL FIRE HYDRANT

PRODUCT DESCRIPTION

WETPLUG Wet Barrel Hydrant is produced with accordance to international standards and in accordance with AWWA C503/ANSI standards. The hydrant is rated for a working pressure of 250 psi and is UL listed and FM approved (where applicable). All Wet Barrel Hydrants are tested to ensure quality, efficiency and optimum performance. Wet barrel hydrant is designed to be a trouble-free and easy-to-maintain hydrant. Each hydrant is tested for quality and performance before delivery.

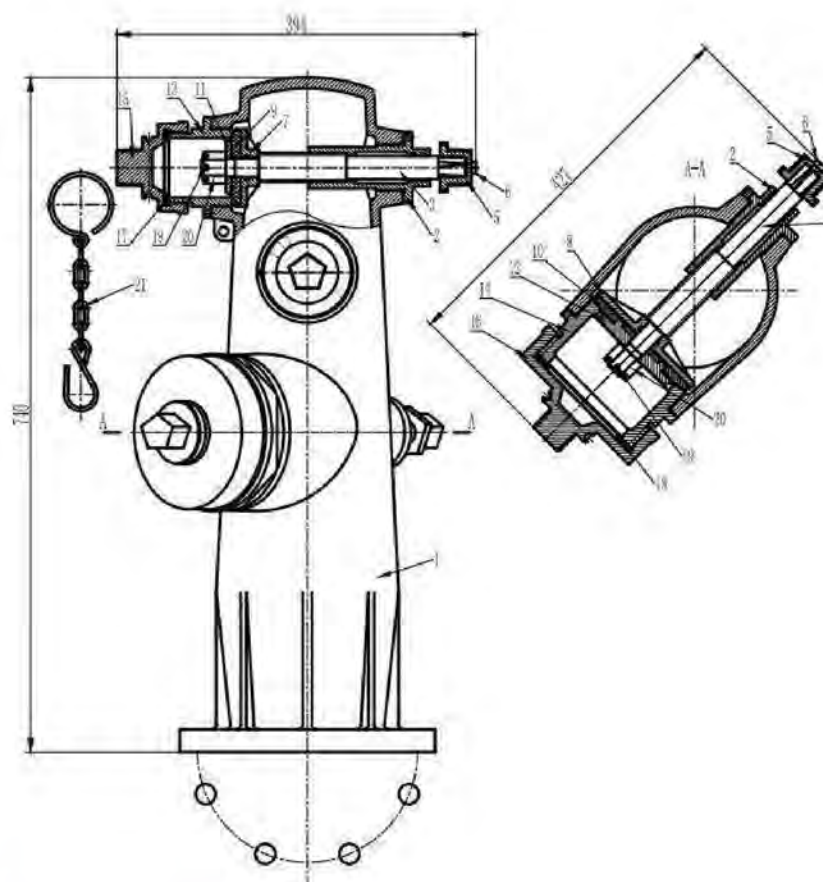
FEATURES

- † Designed according to AWWA C503/ANSI Standards.
- † UL listed and FM approved.
- † Outlets: 2 x 2 1/2" hose outlets, 1 x 4 1/2" pumper outlet. Inlet: 6" ANSI Class 150.
- † Flange Connector: Conform to ASME B16.5 ANSI Class 150 6"/ DIN 2501 PN16 DN150.
- † Rated Pressure: 250Psi.
- † Ductile iron nozzle section.
- † Each stem sealed with two O-rings.
- † Fusion bonded polyester coating red RAL 3002.
- † Temperature: 0°C to 80°C



Model No.	Hose Outlet (No. of Outlets), in.	Pumper Outlet (No. of Outlets), in.	Rated Pressure, Psi
WP-1431	2 x 2-1/2"	1 x 4-1/2"	250

WET BARREL FIRE HYDRANT



COMPONENT LIST:

Sr. No	Part Description	Qty.	Material	Specifications
1	Main Body	1	DI	ASTM A536
2	Nut	3	C954000	ASTM B148
3	2-1/2" Bolt	2	SS30400/C95400	ASTM A240/ASTM B148
4	4-1/2" Bolt	1	SS30400/C95400	ASTM A240/ASTM B148
5	Stem Cap	3	DI	ASTM A536
6	Bolt	3	SS30400	ASTM A240
7	2-1/2" Tray	2	DI/SS30400/C95400	ASTM A536/ASTM A240/ASTM B148
8	4-1/2" Tray	1	DI/SS30400/C95400	ASTM A536/ASTM A240/ASTM B148
9	2-1/2" Sealing Rubber Sheet	2	EPDM	ASTM D2000
10	4-1/2" Sealing Rubber Sheet	1	EPDM	ASTM D2000
11	2-1/2" Platen	2	DI/SS30400/C95400	ASTM A536/ASTM A240/ASTM B148
12	4-1/2" Platen	1	DI/SS30400/C95400	ASTM A536/ASTM A240/ASTM B148
13	2-1/2" Outlet	2	C95400	ASTM B148
14	4-1/2" Outlet	1	C95400	ASTM B148
15	2-1/2" Outlet Cover	2	DI	ASTM A536
16	4-1/2" Outlet Cover	1	DI	ASTM A536
17	2-1/2" Cover Gasket	2	EPDM	ASTM D2000
18	4-1/2" Cover Gasket	1	EPDM	ASTM D2000
19	Cotter Pin	3	SS30400	ASTM A240
20	Slotted Nut	3	SS30400	ASTM A240
21	Cover Chain		SS30400/Gr.B	ASTM A283-8

* Components may be substituted with equivalent or higher class materials without prior notification.

* The designs, materials, and specifications shown are subject to change without notice due to the continuous development of our product range.

DRY BARREL FIRE HYDRANT

PRODUCT DESCRIPTION

WETPLUG UL and FM approved dry barrel water hydrants are Manufactured in accordance with AWWA C502/ANSI standards. WETPLUG dry barrel hydrant has highest quality and gives smooth and optimum performance. Dry barrel water hydrant main valve is located below ground and section that exceeds above ground is void of water except during operation. Dry column empties itself automatically on closing the main valve when the hydrant is not in use.

FEATURES

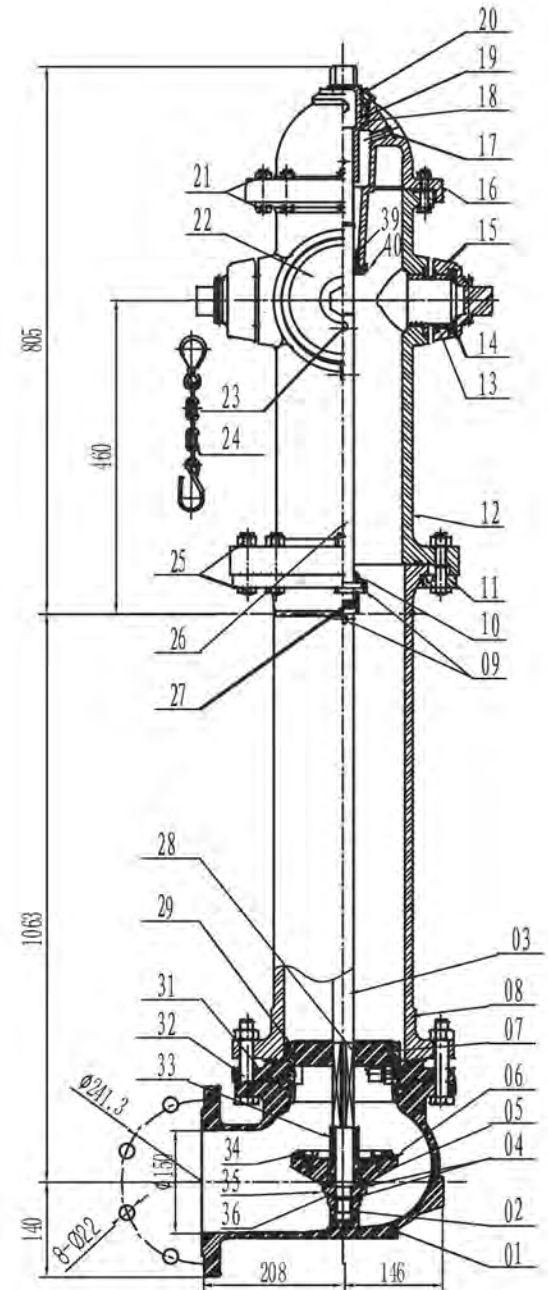
- † UL listed and FM approved.
- † Hydrant meets all applicable parts of AWWA C502 standards.
- † Rated working pressure 200psi and test pressure 400psi as per UL.
- † Rated working pressure 250 psi and test pressure 500psi as per FM.
- † Threaded and field replaceable hose nozzles and pumper outlet.
- † Mechanical Joint end valves are furnished for use with mechanical joint cast iron pipe.
- † Dry barrel design eliminates damage to the hydrant caused by freezing of the upper part.
- † WETPLUG Dry Hydrants are designed for high performance and are easy to install, maintain and repair.
- † Breaking System provided to protect against mechanical damages.
- † Excellent and proven flow characteristics.



WP-1411FC & WP-1412FC
WP-1421MC & WP-1422MC

DRY BARREL FIRE HYDRANT

Sr. No	Part Description	Qty.	Material	Specifications
1	Mechanical connector	1	DI	
2	Locking Nut	1	DI	
3	Connecting Rod	1	1045	ASTM A29\29M
4	Locking Nut Gasket	1	EPDM	
5	Tray	1	DI	
6	Sealed Rubber Sheet	1	EPDM	
7	Guid Bracket	1	C83600	ASTM B62
8	Connecting Cylinder	1	DI	
9	Perforated Cylinder Pin	2	1045	ASTM A29\29M
10	Connecting Rod Sleeve	1	1045	ASTM A29\29M
11	Clamp For Connection lube	1	DI	
12	Main Body On Ground	1	DI	
13	65 Connector	2	C83600	ASTM B62
14	65 Cover Gasket	2	EPDM	
15	65 Cover	2	DI	
16	Upper End Cover	1	DI	
17	Thread Plug	1	C83600	ASTM B62
18	Screw Stem Nut	1	C83600	ASTM B62
19	Screw Nut Gasket	1	C83600	ASTM B62
20	Screw Nut Seat	1	C83600	ASTM B62
21	Bolt Nut	8	1035	ASTM A29\29M
22	100 Cover	1	DI	
23	Cylindrical Pin	1	1045	ASTM A29\29M
24	Cover Chain	3	Gr.B	ASTM A283-B
25	Bolt Nut	8	1035	ASTM A29\29M
26	Screw Stem	1	1045	ASTM A29\29M
27	Cushion Rubber	1	EPDM	
28	Pressure Relief Valve		C83600	ASTM B62
29	Seat	1	C83600	ASTM B62
30	Seat Fixing Plate	1	DI	
31	Bolt Nut	8	1035	ASTM A29\29M
32	Annular Tubes	1	1045	ASTM A29\29M
33	Platen	1	DI	
34	Locking Nut Seat	1	DI	
35	Check lurn Gasket	1	Gr.B	ASTM A283-B
36	100 Connector	1	C83600	ASTM B62
37	100 Cover Gasket		EPDM	Figure not shown
38	Screw Steam Bushing	1	304	ASTM A240
39	Bolt	2	304	ASTM A240



* APPROVED BY **UL** AND **FM**

Models

Model No.	Specifications
WP-1411FC	4" Pumper connection, Flange connector
WP-1412FC	4 1/2" Pumper connection, Flange connector
WP-1421MC	4" Pumper connection, Mechanical connector
WP-1422MC	4 1/2" Pumper connection, Mechanical connector

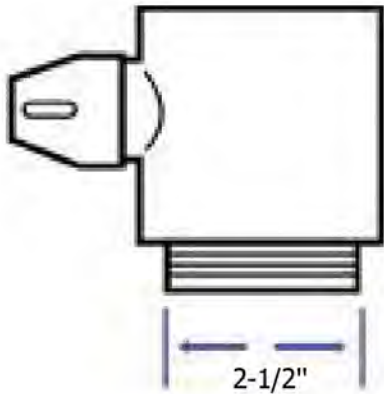
MANUAL-TYPE INSTANTANEOUS ADAPTOR/COUPLING

PRODUCT DESCRIPTION

WETPLUG manual-type instantaneous coupling is made of Brass and manufactured in accordance with BS336:2010 standards. The manual-type instantaneous coupling is classified under low pressure and is suitable for use at nominal inlet pressure up to 16bar. The internal casting finishes of every instantaneous coupling are of high quality ensuring a low flow restriction that meets the standard’s water flow test requirement. All instantaneous couplings are tested to ensure quality, efficiency, and optimum performance. manual-type instantaneous couplings are suitable for both on-shore and off-shore fire protection applications and suitable for fire hydrant systems.

FEATURES

- † Designed according to BS336:2010 Standards.
- † BS336 female instantaneous couplings are available in either brass or gunmetal.
- † NST female threads on one end and BS336 instantaneous connection other ends, brass metal cap, and SS chain.
- † Rated Pressure: 16bar
- † Body: Brass



Model No.	Size	Working Pressure, Bar	Test Pressure, Bar
WMA-25FMXIC	2-1/2"	16	24

LIMITED WARRANTY/CAUTION

WETPLUG 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 WETPLUG 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.

While this catalogue and product specified has been complied with utmost care, we assume no responsibility for errors, impropriety (or) inadequacy. Any information provided in this catalogue is subject to from time-to-time change without notice for error rectification, product discontinuation, design modification, new product introduction (or) any other cause that SENSORTECH considers necessary.



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Our Brands:



Sensor Tech Fire Fighting and Safety Equipment Trading

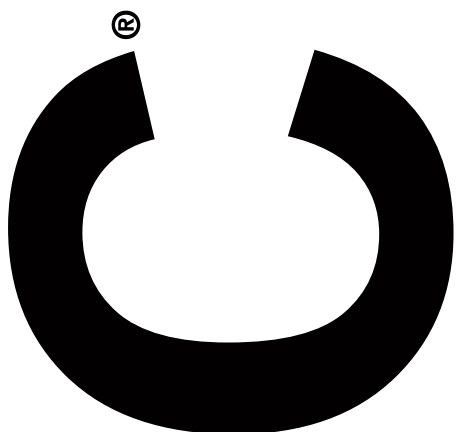
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FIRE PROTECTION PRODUCTS



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FWIC

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ABOUT



visionworlduae.com

Vision World is a diversified conglomerate with interests in various industries such as Steel Structure Designing, MEP, Marine Consultancy, Fire Fighting Product manufacturing, Fire Fighting Design & Implementation., Interior Designing & Skilled Manpower supply.

Driven by passion for over 100+ years of experience by drivers of the company. We have established ourselves as a leading player in our respective industries, thanks to our unwavering commitment to quality and customer satisfaction.

ABOUT

SensorTech
Born to Protect

"SensorTech is a UAE-based trading company specializing in Fire Fighting Products for over six years. We pride ourselves on offering top-quality, precision-engineered products that meet the highest international standards. Our commitment to quality and customer satisfaction has made us a trusted supplier in the industry."

APPROVALS



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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

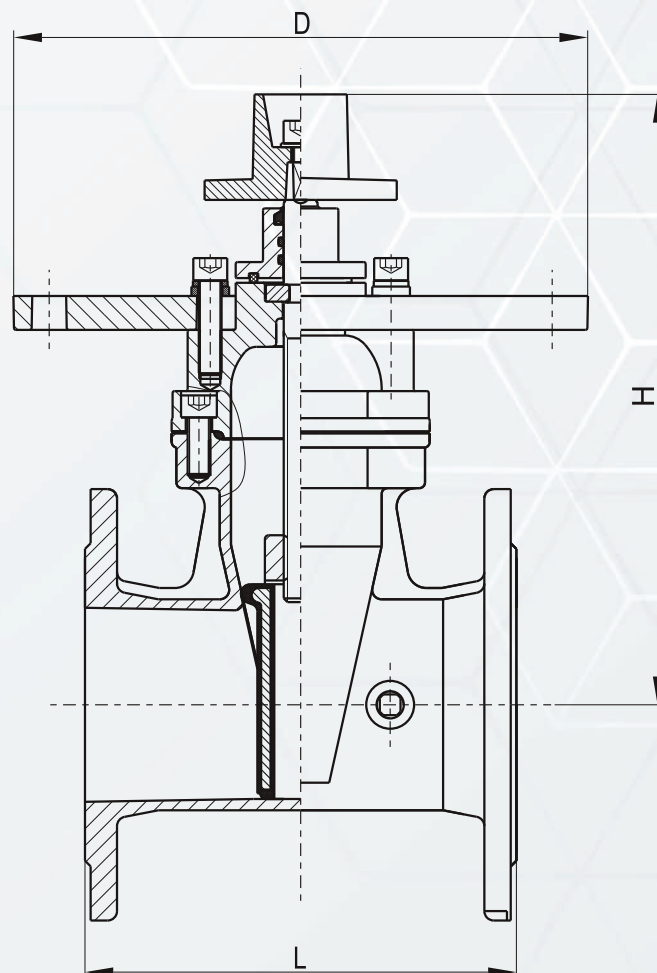
ANSI B16.1 Class 125 / 150
 EN1092-2 Pn16

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

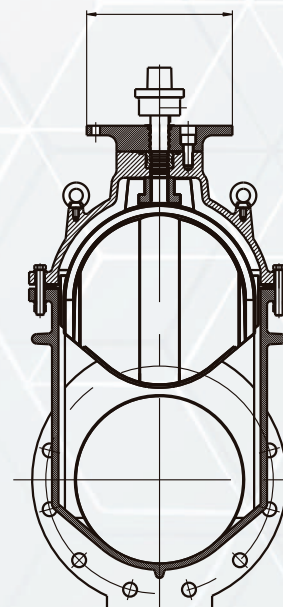
Conforms to AWWA C515 / BS5163

Working Pressure

200PSI / 250PSI

Connection Ends

ANSI B16.1 Class 125 / 150
EN1092-2 Pn16

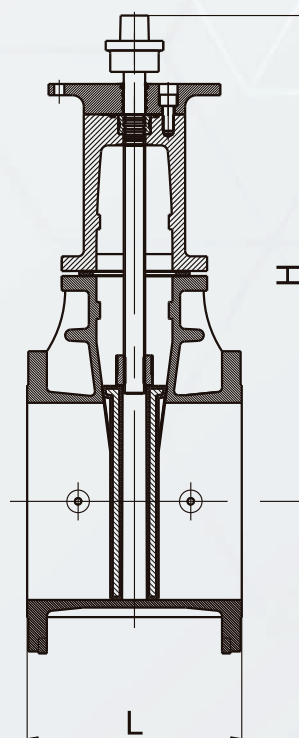


Materials List

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



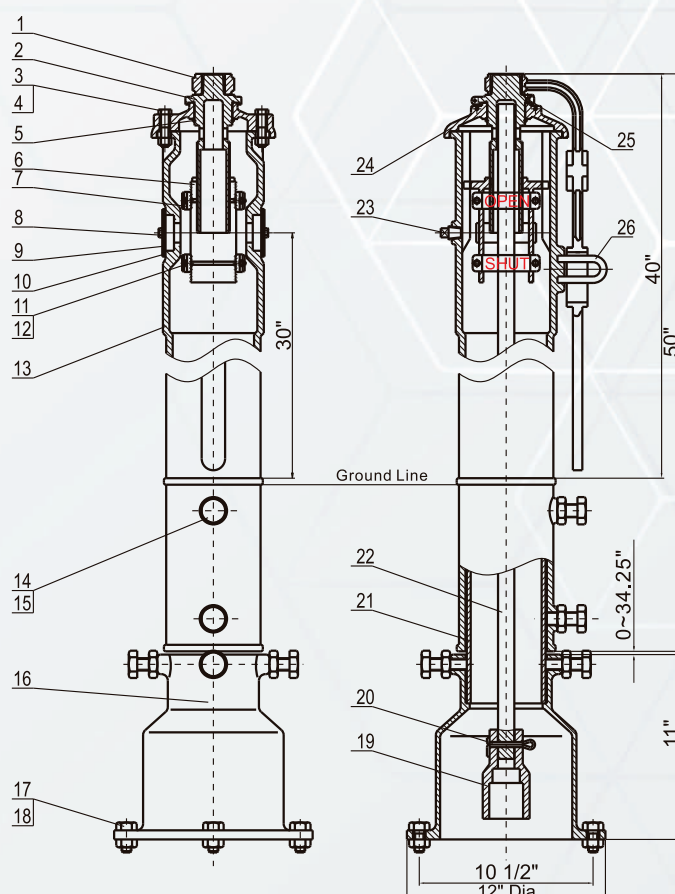
INDICATOR POSTS

Underground Type

MODEL NO. ST-0155 - Suitable for 4"-12" NRS Gate Valves

Materials List

DET	QTY	Description	Materials
1	1	Locking Wrench	ASTM A126B
2	1	Operating Nut	ASTM B62
3	2	Hex Nut Screw	ASTM A105
4	2	Hex Nut	ASTM A105
5	1	Snap Ring	AISI A606
6	1	Target Carrier Nut	ASTM B62
7	4	Target	ASTM B108
8	4	Hex Cap Screw	ASTM A105
9	2	Window Glass	LEXAN-UM
10	2	Window Glass Gasket	PTFE
11	4	Hex Cap Screw	ASTM A105
12	4	Hex Nut	ASTM A105
13	1	Body	ASTM A536
14	6	Hex Cap Screw	ASTM A105
15	6	Hex Nut	ASTM A105
16	1	Base Flange	ASTM A126B
17	4	Hex Cap Screw	ASTM A105
18	4	Hex Nut	ASTM A105
19	1	Crane Coupling	ASTM A536
20	1	Cotter Pin	ASIS 304
21	1	Stand Pipe	ASTM A53
22	1	Stem	AISI 1045
23	1	Plug	AISI 304
24	1	Cover	ASTM A126B
25	1	Cross Recessed Countersunk Head Screw	AISI 304
26	1	Locking Nose	ASTM 307B



Field Adjustment:

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

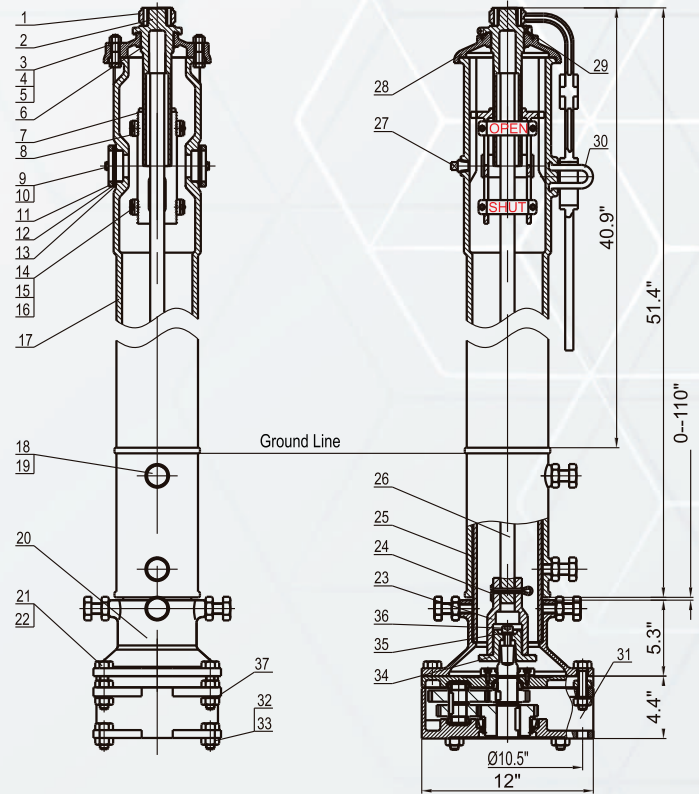
INDICATOR POSTS

Underground Type

MODEL NO. ST-0177 - Suitable for 14"-24" NRS Gate Valves

Materials List

DET	QTY.	Description	Material
1	1	Locking Wrench	ASTMA536
2	1	Operating Nut	ASTM B62/A351 CF8
3	2	Bolt	ASTMA105
4	2	Nut	ASTMA105
5	2	Flat Washer	ASTMA105
6	1	Shap Ring	AISI 606
7	1	Taget Carrier Nut	ASTM B62
8	4	Target	ASTM B108
9	4	Bolt	ASTMA105
10	4	Flat Washer	ASTMA105
11	2	Window Gland	ASTMA307B
12	2	Window Glass	LEXAN-UN STABILIZE
13	4	Gasket	EPDM
14	4	Bolt	ASTMA105
15	4	Spring Washer	ASTMA105
16	1	Nut	ASTMA105
17	6	Body	ASTMA105
18	6	Bolt	ASTMA105
19	1	NUt	ASTMA105
20	4	Base Flange	ASTMA126B
21	8	Bolt	ASTMA105
22	1	Nut	ASTMA105
23	1	Crane Coupling	ASTMA536
24	1	Cotter Pin	AISI 304
25	1	Stand Pipe	ASTMA536
26	1	Stem 1" Square	AISI 1045
27	1	Plug	AISI 304
28	1	Top Cover	ASTMA126B
29	1	Screw	AISI 304
30	1	Lock Nose	ASTMA307B
31	1	Reducer	PARTS
32	4	Bolt	ASTMA105
33	4	Nut	ASTMA105
34	1	Wrench Nut	ASTMA536
35	1	Washer	AISI 304
36	1	Hex. Socket Cap Screw	AISI 304
37	4	Spring Washer	AISI 304



Field Adjustment:

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

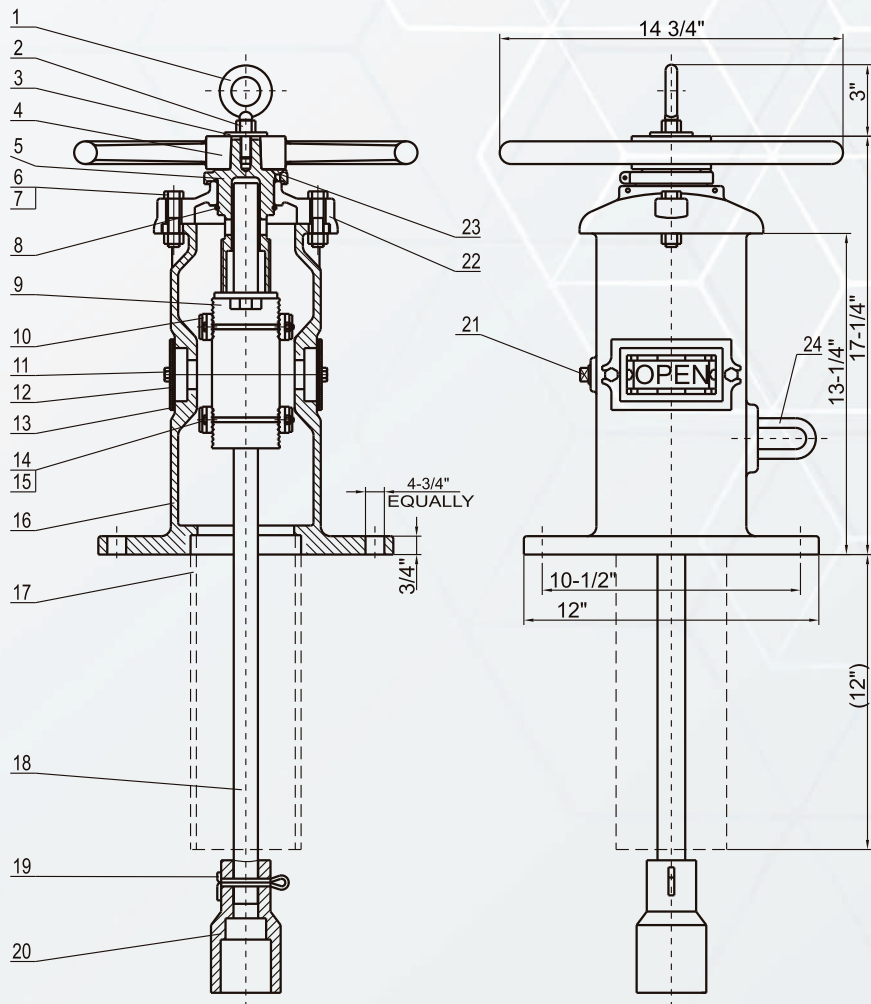
INDICATOR POSTS

Wall type

MODEL NO. ST-0166 - Suitable for 4"-12" NRS Gate Valves

Field Adjustment:

- Remove the top section from the top of the Indicator Post assembly.
- Set the "OPEN" and "SHUT" targets for the appropriate valve size.
- Reattach the Top Section to the top of the Indicator Post assembly.
- Design and dimensions 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	ASTM A307B

GATE VALVE

Resilient Seated NRS Type-Groove-Grove Ends

MODEL NO. ST1313-200
ST1313-250
ST1313-300

Valve Standard

Conforms to AWWA C515 / BS5163

Working Pressure

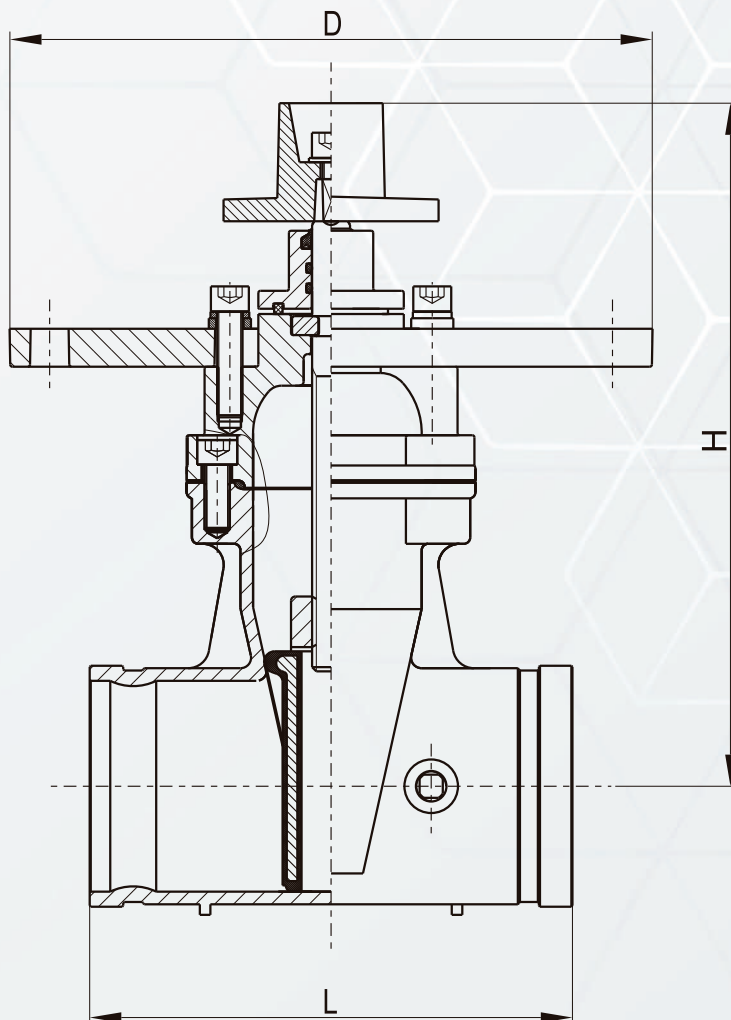
200PSI / 250PSI / 300PSI

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-Grove Ends

MODEL NO. ST1314-200
ST1314-250
ST1314-300

Valve Standard

Conforms to AWWA C515 / BS5163

Working Pressure

200PSI / 250PSI / 300PSI

Connection Ends

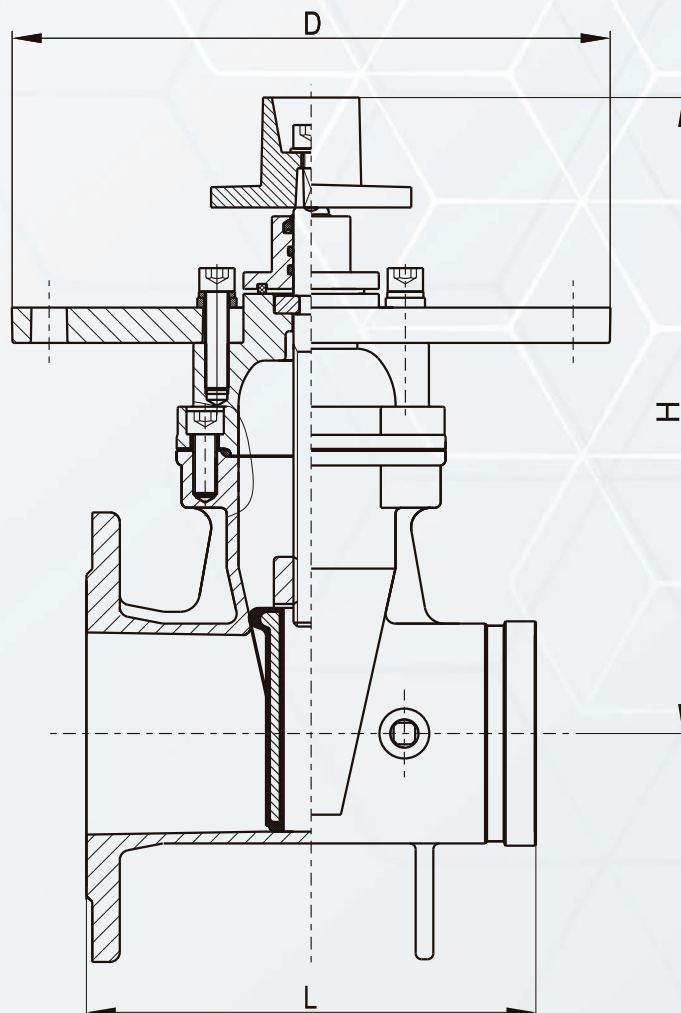
ANSI B16.1 Class 125/150

EN 1092-2 PN 16

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

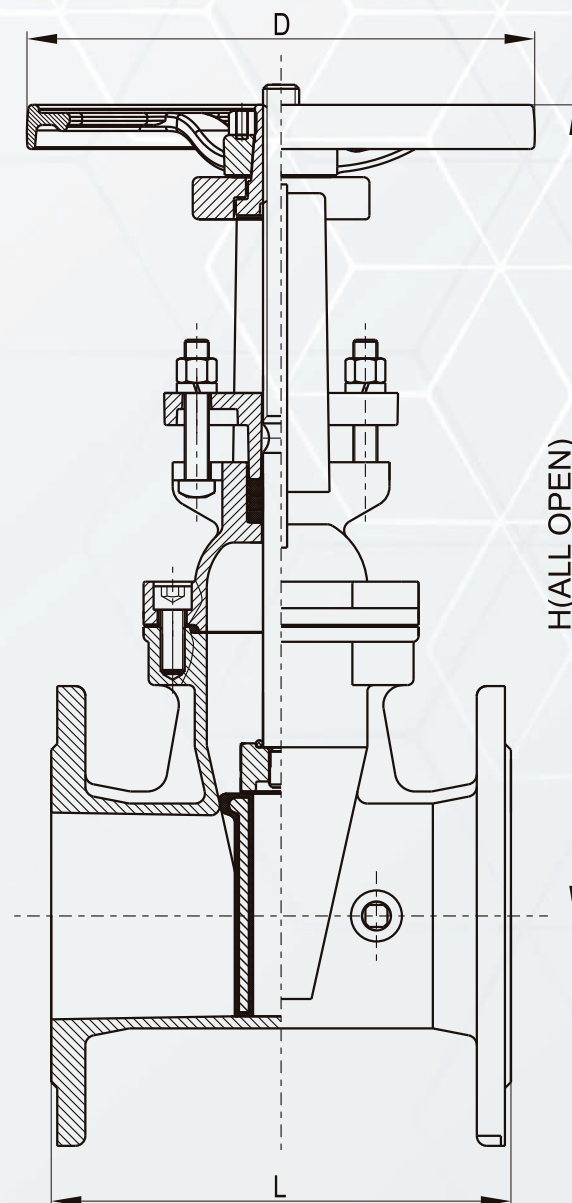
Connection Ends

ANSI B16.1 Class 125/150

EN 1092-2 PN 16

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

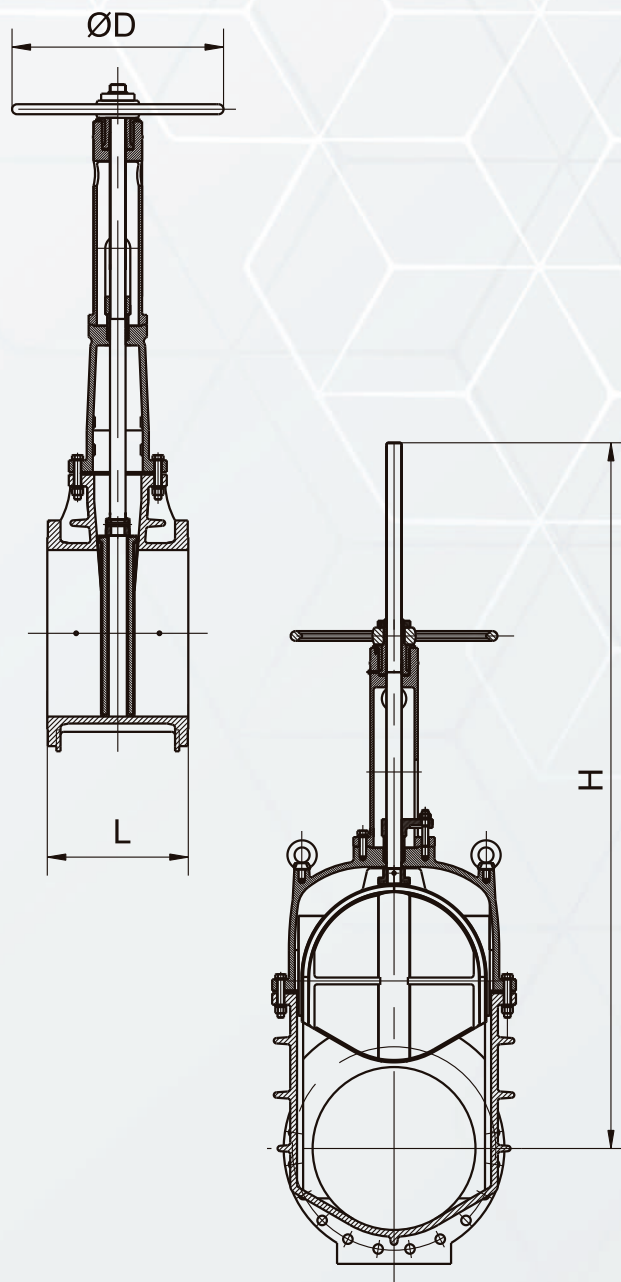
Connection Ends

ANSI B16.1 Class 125/150

EN 1092-2 PN 16

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

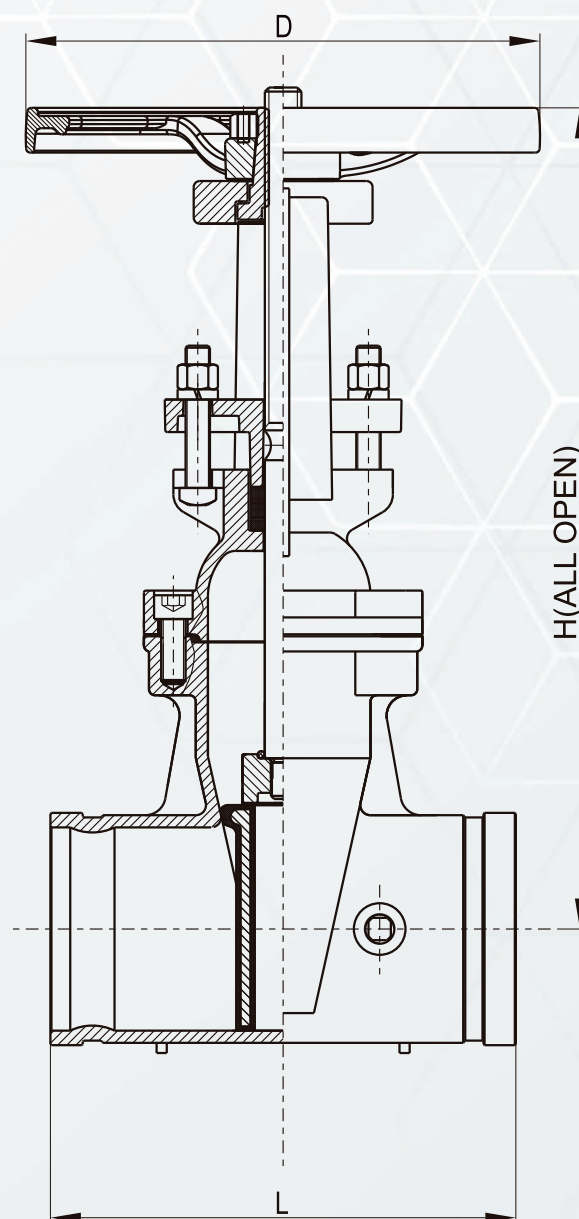
200PSI / 250PSI / 300PSI

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

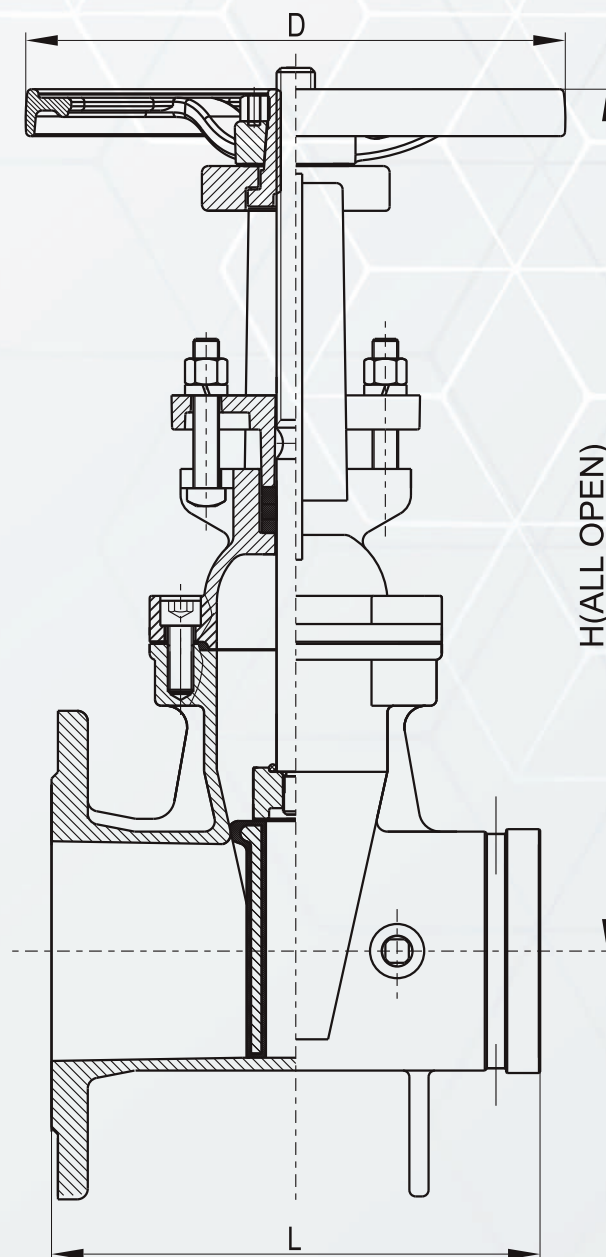
ANSI B 16.1 Class 125/150

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

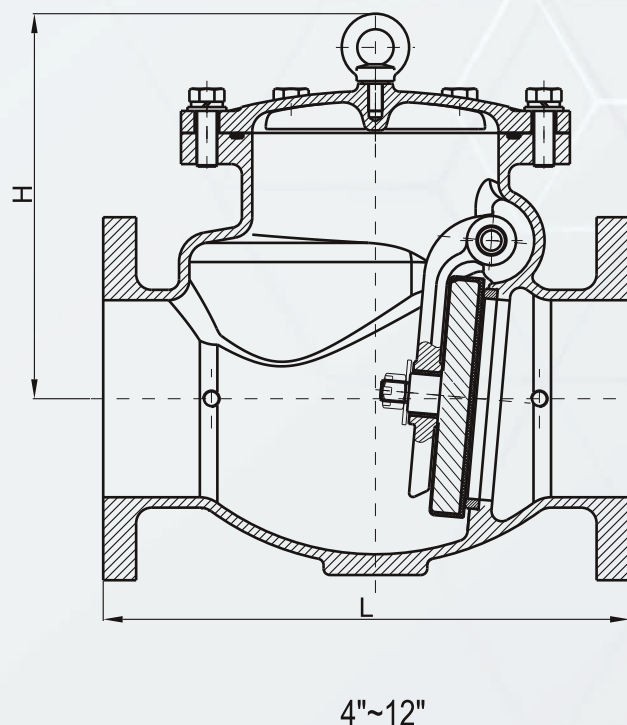
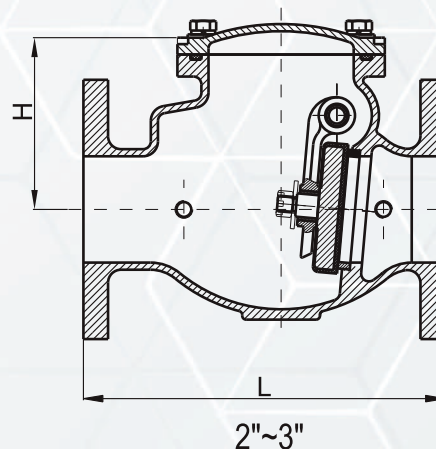
200PSI / 250PSI / 300PSI

Connection Ends

ANSI B 16.1 Class 125/150

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

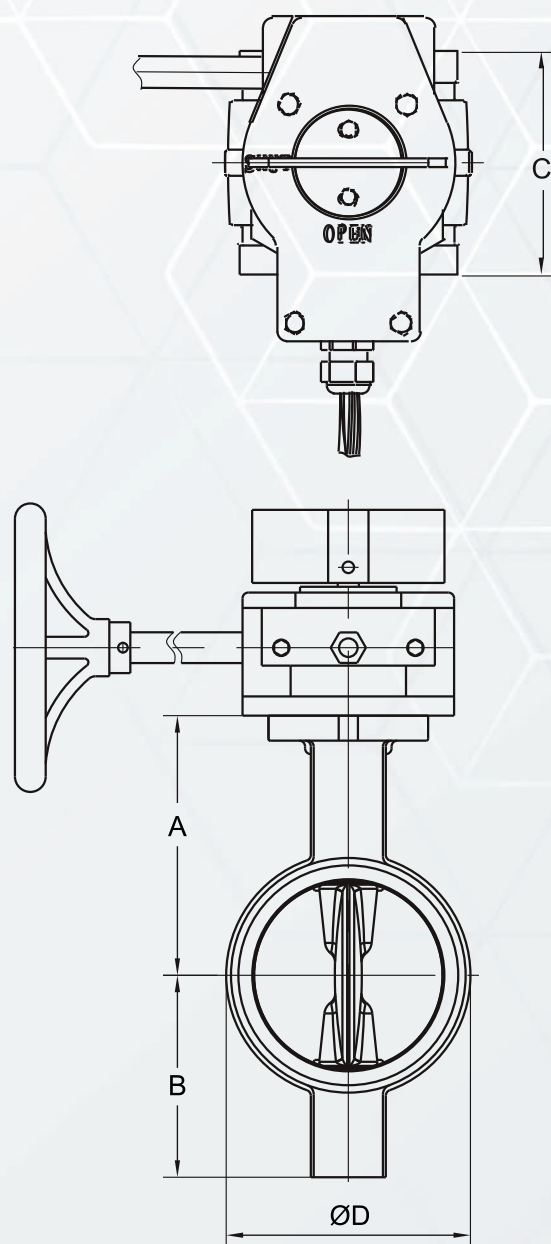
Materials List

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

Connection Ends

ANSI B16.1 Class 125/150

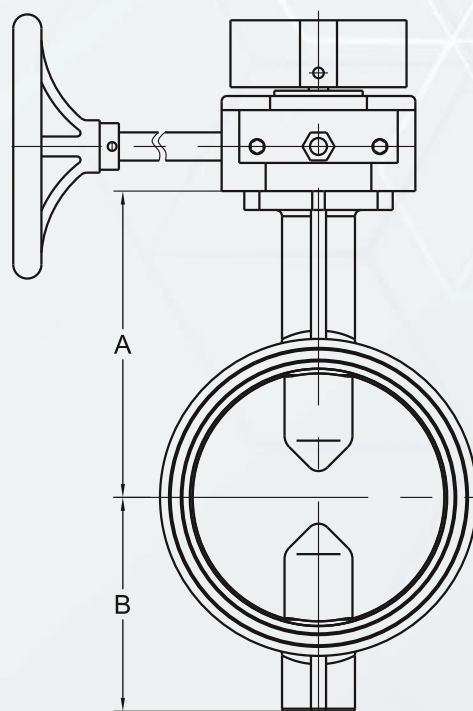
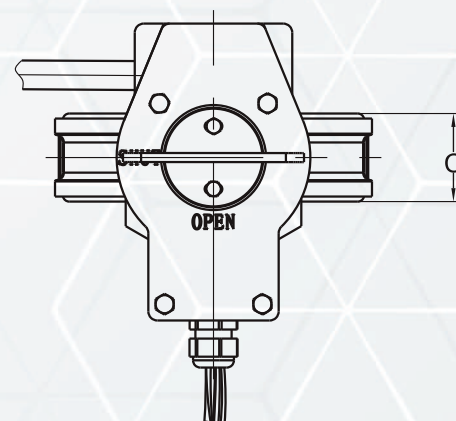
EN1092-2 PN10/PN16/PN25

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

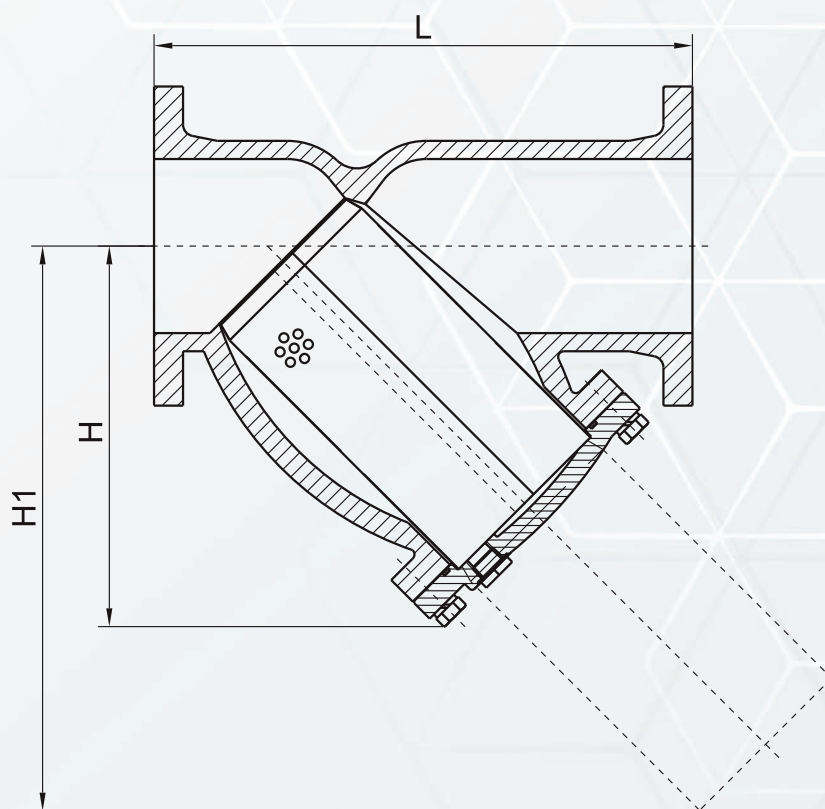
Y STRAINER

Flange - Flange Ends

MODEL NO. ST1701-200
ST1701-250
ST1701-300

Working Pressure
200PSI / 250PSI / 300PSI

Connection Ends
ANSI B16.1 Class 125/150/250
EN1092-2 PN10/PN16/PN25
Bs10 Table D/Table E



PLUG 3/4"

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

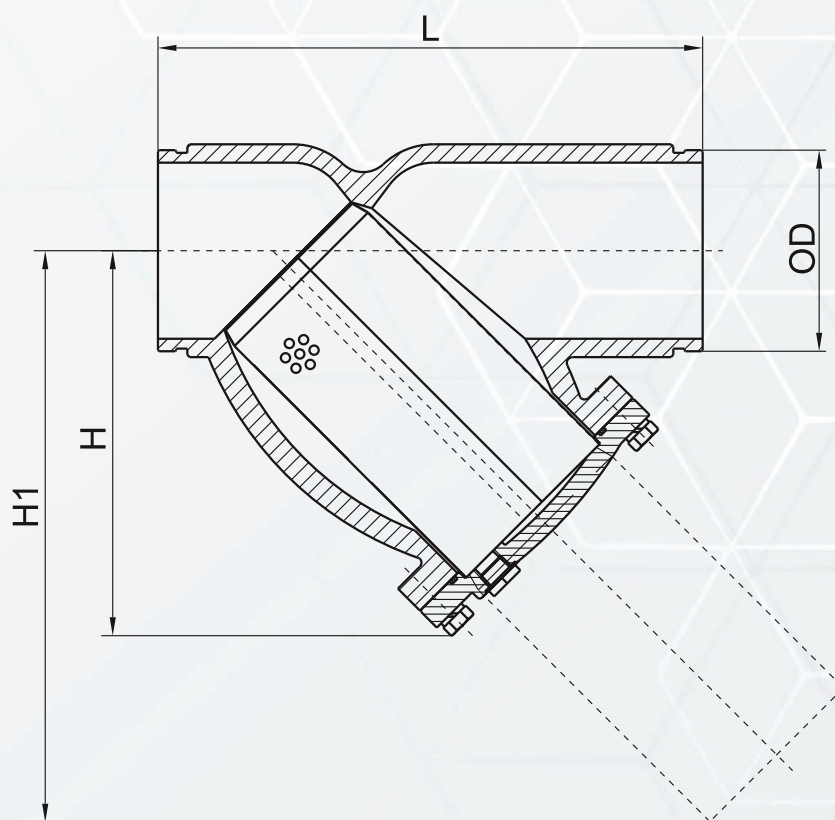
Y STRAINER

Groove - Groove Ends

MODEL NO. ST1702-200
ST1702-250
ST1702-300

Working Pressure
200PSI / 250PSI / 300PSI

Flanged Ends
AWWA C 606



PLUG 3/4"

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

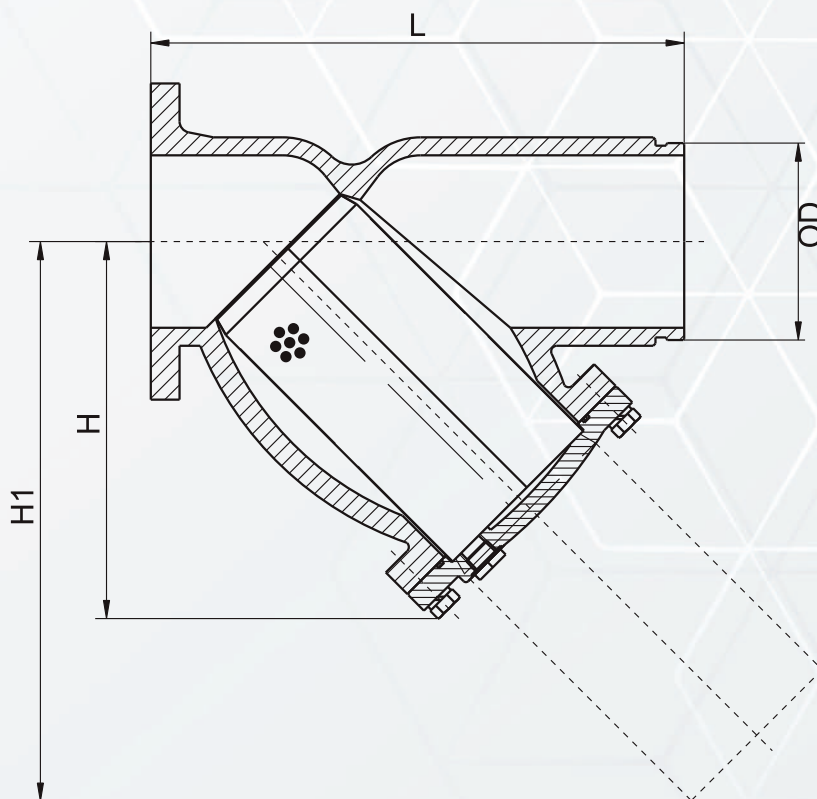
Y STRAINER

Flange - Groove Ends

MODEL NO. ST1702-200
ST1702-250
ST1702-300

Working Pressure
200PSI / 250PSI / 300PSI

Flanged Ends
ANSI B16.1 Class 125/150/250
EN1092-2 PN10/PN16/PN25
Bs10 Table D/Table E
AWWA C 606



PLUG 3/4"

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	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

ALARM CHECK VALVE



Working Pressure: 300PSI

Available Sizes: 2", 2.5", 3", 4", 5", 6", 8", 10", & 12"

End Connections: Flanged/Grooved/Flanged x Grooved

FWIC Wet Alarm valve assembly comes with Retard Chamber, Water Motor Gong, Pressure Switch, Pressure Gauges, Drain Connection, fittings and nipples and is installed in wet pipe fire protection system for preventing the reverse flow and controlling the water pressure.

AIR RELEASE VALVE

Screwed Ends

MODEL NO. ST9011-200

Working Pressure
200PSI

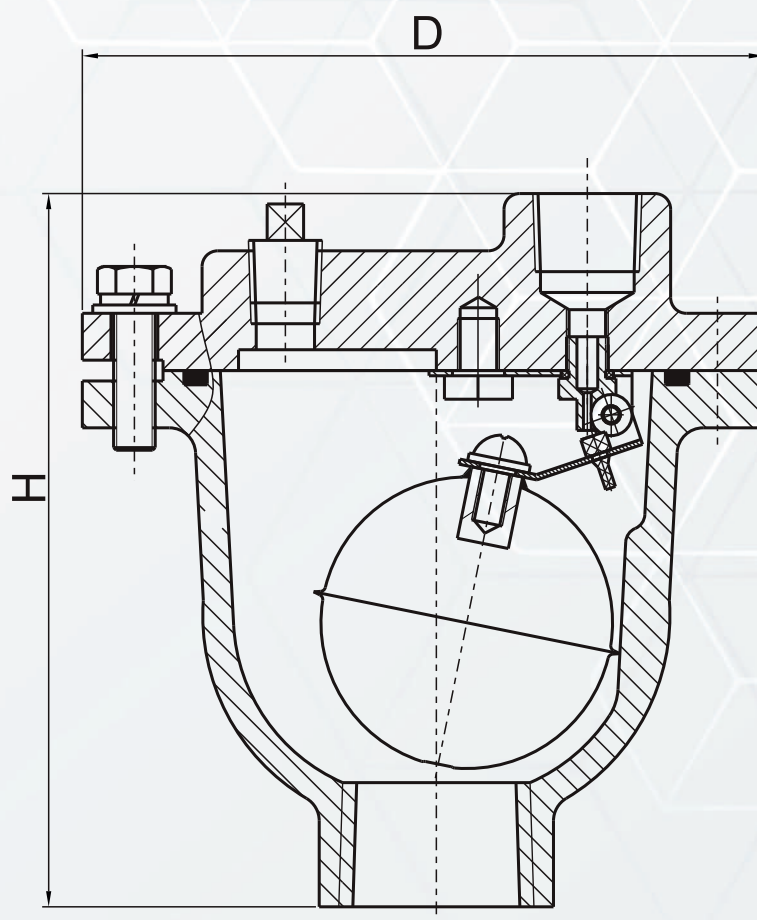
Connection Ends
NPT/BSPT/BSPP

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

mm	DN inch	Inlet	Outlet	Orifice	D	H
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

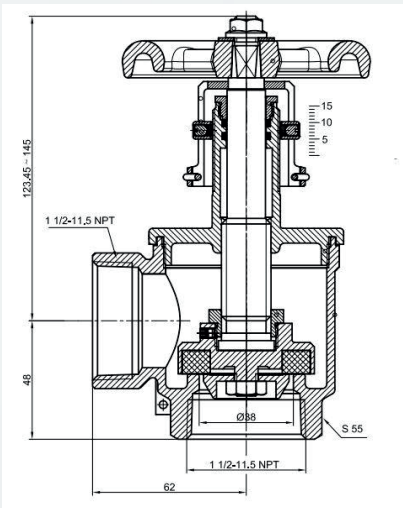
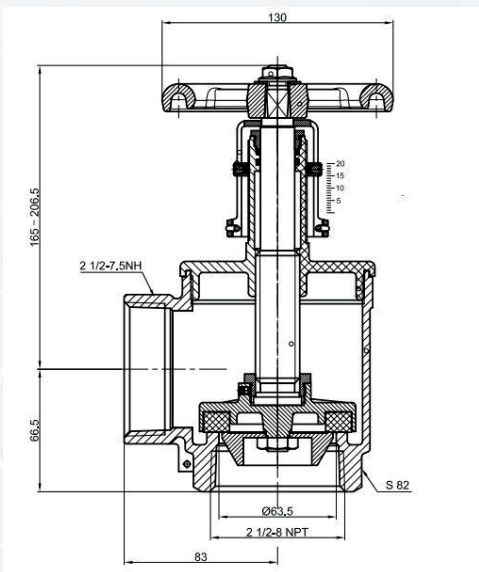
MODEL NO. F11 & F22

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 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, polished chrome plated.



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

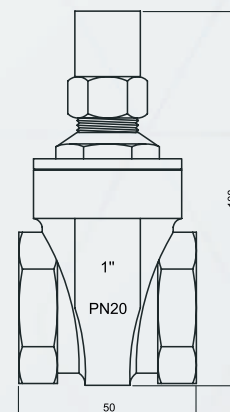
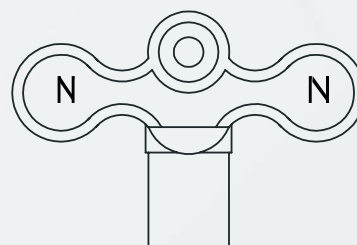
MODEL NO. P25

Product Description

FWIC Lock Shield Valve is usually installed where unauthorised 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 PN20.
- 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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