



 **FIRE  
PROTECTION**



**PRODUCT  
CATALOGUE**

[www.gala-valves.com](http://www.gala-valves.com)



**GALA**

*Make Fluid Control to be Adaptive And Energy Efficient*

# WHO WE ARE

Originating from the United States, GALA has amassed over 20 years of design excellence, manufacturing prowess, and rigorous quality control. Today, it has evolved into a multinational corporation and a prominent valve brand, dedicated to furnishing innovative and dependable system solutions across diverse markets, including Fire Protection, Commercial Buildings, Data Center, Marine applications, and beyond. With two state-of-the-art production facilities, five sales and service branches, and four regional warehouses, GALA stands poised to engage in global cooperation and competition on a grander scale and with greater depth.

**G**uaranteed

**A**daptive

**L**ong-term

**A**dantages

# OUR VISION

"Quality First, Brand Ascends to Glory." Through our unwavering commitment and continuous improvement, we aspire to be your foremost and most trusted choice. Furthermore, it would be a source of immense pride for us if we could contribute to making your work more energy-efficient and help make the world a slightly better place.



5 

Regional Sale Office

4 

Regional Warehouse

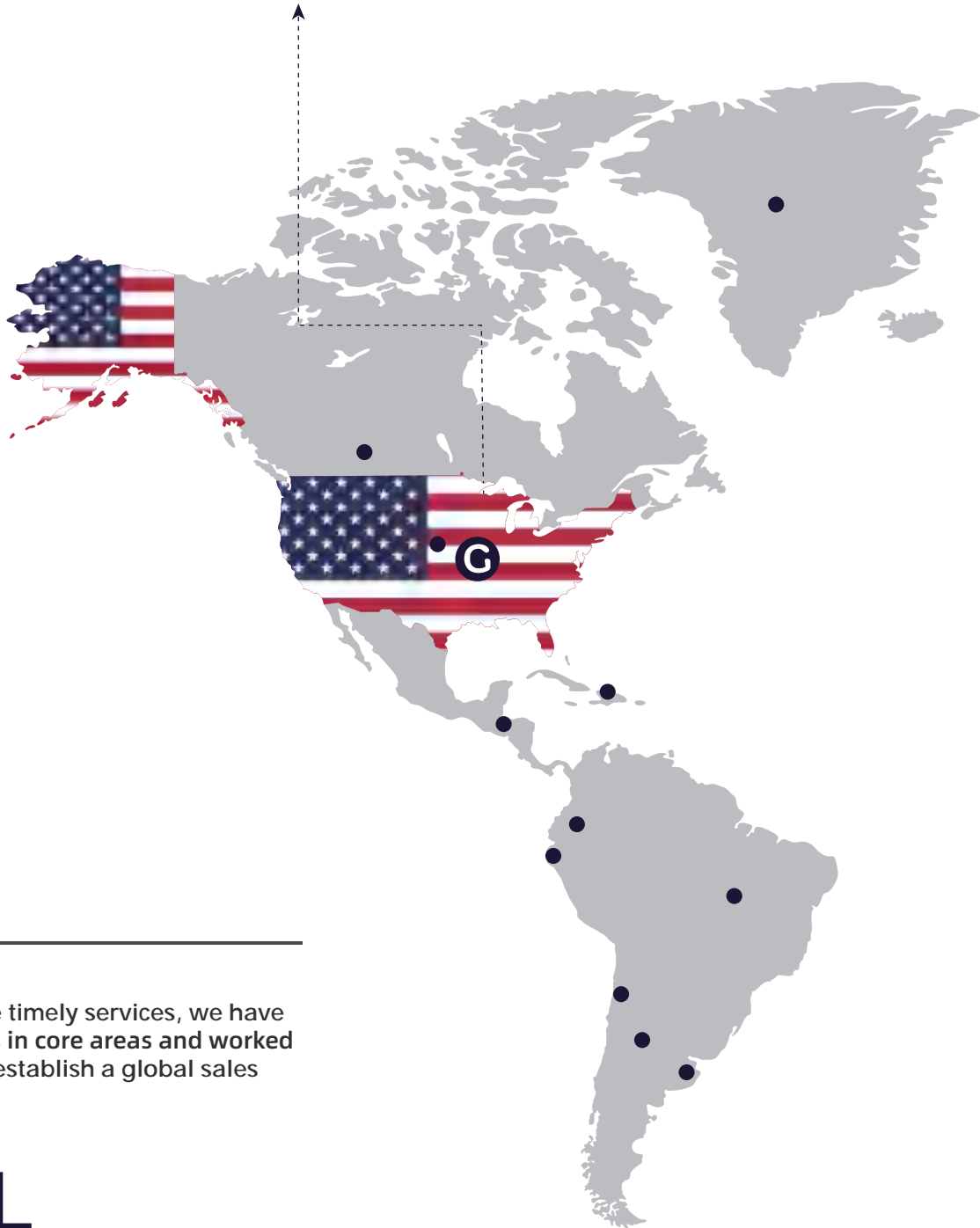
2 

Production Facility

70+

Countries & Regions  
Gala Products Sold

*GALA USA  
Head Office*



In order to provide more timely services, we have established sales offices in core areas and worked with dealer partners to establish a global sales and service network.

# GLOBAL FOOTPRINTS

GALA RUSSIA



GALA SOUTHEAST ASIA



GALA CHINA



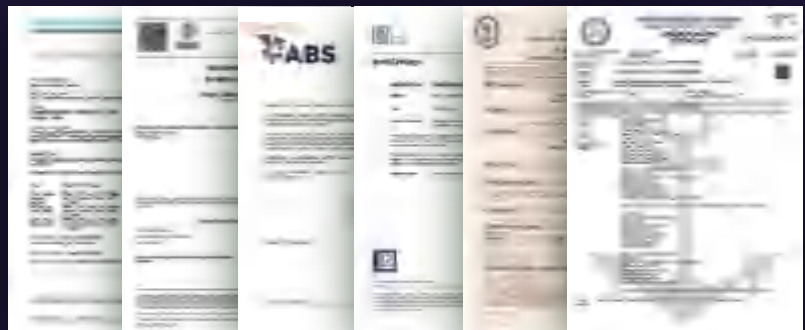
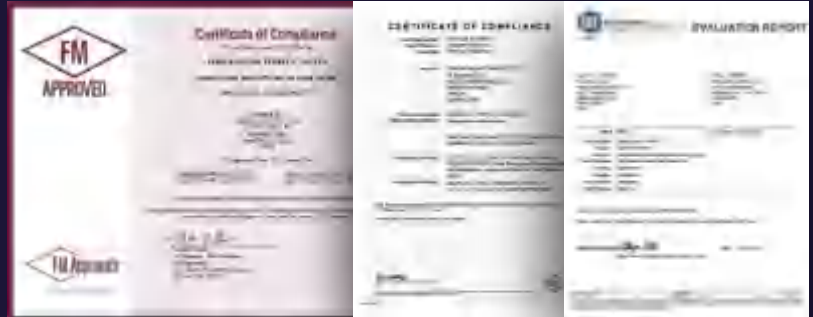
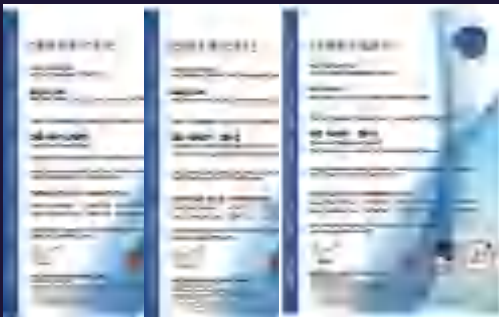
GALA MIDDLE EAST



# CERTIFICATES

Product quality is the foundation of an enterprise's survival. GALA insists on winning by quality, and constantly strive to provide world class products that are far higher than market standards for fire protection, HVAC, waterworks and marine application.

At present, the company has passed the ISO 9001 quality system certification, ISO 45001 occupational health and safety management system, ISO 14001 environmental management system certification, and has obtained approval and certification from various authoritative organizations to ensure the applicability of products and the reliability of subsequent services.



# CONTENTS

## Gate Valve

---

### NRS Resilient Seated Gate Valve Series

345PFF	FL Ends	1
345PFG	FL x Gr Ends	2
345PGG	Gr x Gr Ends	3
345PJ	MJ x MJ Ends	4
345PFJ	FL x MJ Ends	5

### OS&Y Resilient Seated Gate Valve Series

341FF	FL Ends	6
341FG	FL x Gr Ends	7
341GG	Gr x Gr Ends	8
341JJ	FL x Gr Ends	9
341FJ	FL x MJ Ends	10

## Indicator Post

---

G388	Underground Type	11
G345	Underground Type	13
G322	Underground Type	15
W388	Wall Type	17
W345	Wall Type	18

## Check Valve

---

55FF	Resilient Seated Flanged Ends	20
58FF	Resilient Seated Flanged Ends	21
50GG-GGP	Resilient Seated Grooved Ends	22
58GG-GGP	Resilient Seated Grooved Ends	24
50W	Resilient Seated Wafer Ends	26

# 01

# 02

## Y Stainer

---

70FF	Flanged Ends	27
70FG	Flange-Groove Ends	28
70GG	Groove-Groove Ends	29

03

## Butterfly Valve

---

25W	Resilient Seated Wafer Ends	30
25L	Resilient Seated Lug Ends	32
25GG	Resilient Seated Grooved Ends	34

04

## Air Vent

---

9712	Air Release Valve	36
------	-------------------	----

05

## Fire Hydrant

---

1510	Dry Barrel Fire Hydrant	37
1511	Wet Barrel Fire Hydrant	40

06

## Water Flow Detector With Retard

---

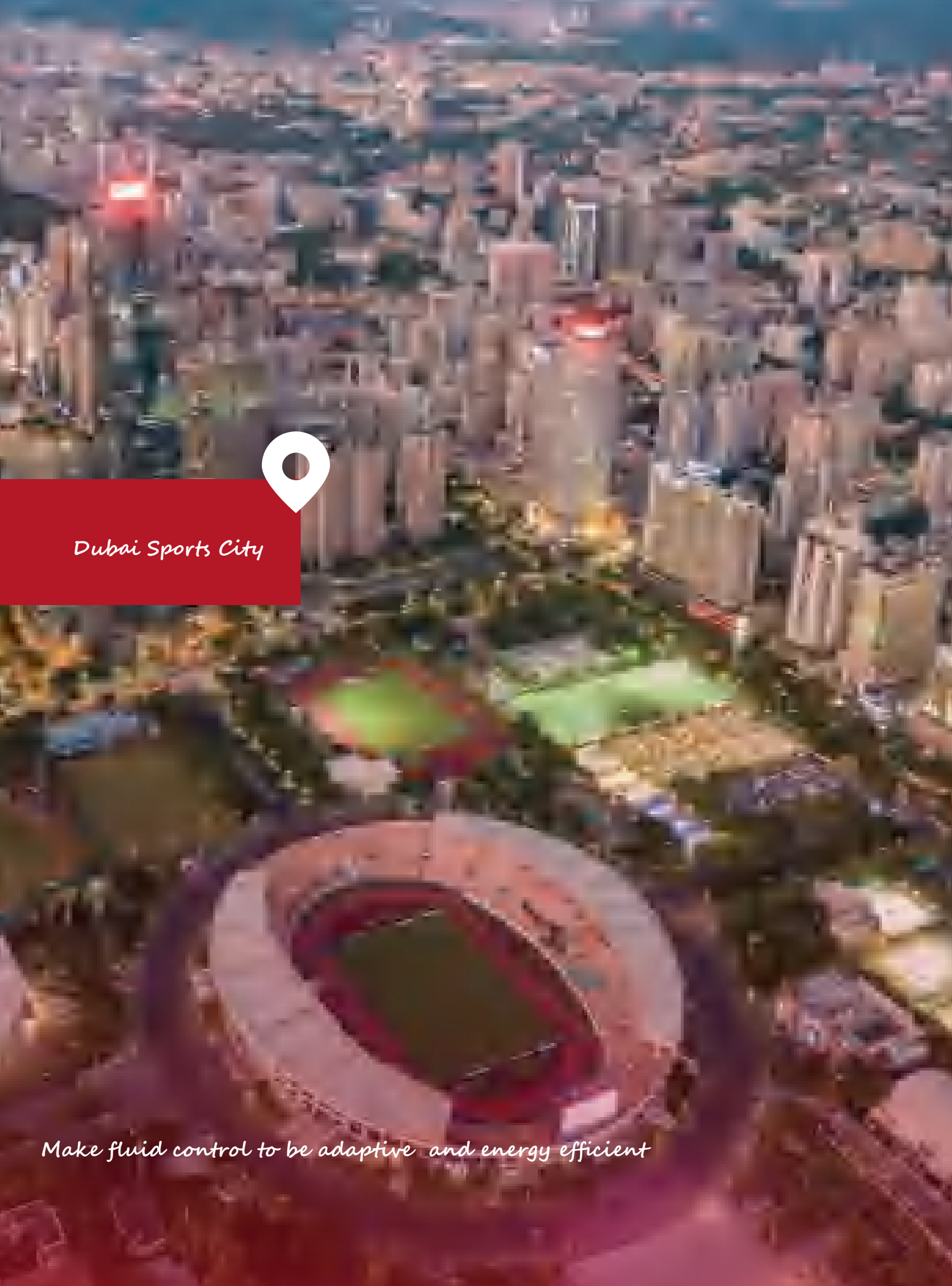
1042-V	Water Flow Detector With Retard	46
1042-T	Water Flow Detector With Retard	47

07

## Brass Valve

1601	Brass Valve Test and Drain	48
1615	Hose Valve	49
1620	Pressure Reducing-Angle Valve	50
1640	Ball Valve	51
1650	Fire Department Connections	52

08



*Dubai Sports City*

*Make fluid control to be adaptive and energy efficient*



# 03

## STRAINER



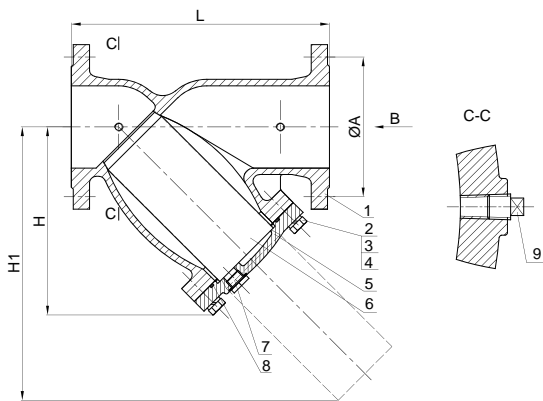
# Y Strainer Flange-Flange Ends

■ Fig.70FF



## Technical Specification

- Valve Standard AWWA C550
- Working Pressure 200PSI / 250PSI / 300PSI
- Working Temperature -10°C ~ 120°C
- Connection Ends ASME B16.1 Class125 / B16.42 CLASS150/B16. / EN1092-2 PN10/PN16/PN25 / BS10 Table D / Table E



## Material Specification

No.	Part	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Bolt	Carbon Steel	GR.8.8
3	Washer	Galvanized Carbon Steel	--
4	Washer	Galvanized Carbon Steel	--
5	Cover	Ductile Iron	ASTM A536 65-45-12
6	Screen	Stainless Steel	SS304
7	Plug	Galvanized Carbon Steel	--
8	O-Ring	EPDM	--
9	Test Screw	Steel	ASTM B16

## Dimension

DN	INCH	L mm	H mm	H1 mm	ØA
50	2"	203.2	130	195	φ125
65	2½"	254	158	240	φ145
80	3"	260	175	270	φ160
100	4"	308.1	202	320	φ180
125	5"	398.3	290	425	φ210
150	6"	471.4	334	495	φ240
200	8"	549.4	391	570	φ295
250	10"	654.1	460	700	φ355
300	12"	762	590	840	φ410

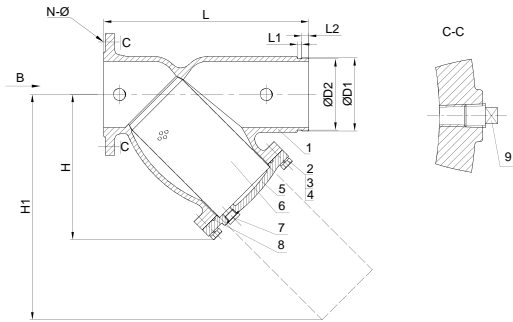
# Y Strainer Flange-Groove Ends

■ Fig.70FG



## Technical Specification

- Valve Standard AWWA C550
- Working Pressure 200PSI / 250PSI / 300PSI
- Working Temperature -10°C ~ 120°C
- Connection Ends ASME B16.1 Class125 / B16.42 CLASS150 / B16.CLASS250 / EN1092-2 PN10/PN16/PN25 / BS10 Table D / Table E / AWWA C 606 / VDS2100



## Material Specification

No.	Part	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Bolt	Carbon Steel Galvanized	GR.8.8
3	Washer	Carbon Steel Galvanized	--
4	Washer	Carbon Steel Galvanized	--
5	Cover	Ductile Iron	ASTM A536 65-45-12
6	Screen	Stainless Steel	SS304
7	Screw Plug	Carbon Steel Galvanized	--
8	O-Ring	EPDM	--
9	Test Screw	Steel	ASTM B16

## Dimension

DN	INCH	L mm	H mm	H1 mm	PN16		L1 mm	L2 mm
					φD1	φD2		
50	2"	203.2	130	195	φ60.3	φ57	8	15.9
65	2½"	254	158	240	φ73/φ76.1	φ69.7/φ72	8	15.9
80	3"	260	175	270	φ88.9	φ84.7	8	15.9
100	4"	308.1	202	320	φ114.3	φ109.8	9.5	15.9
125	5"	398.3	290	425	φ139.7/φ141.3	φ135.2/φ136.8	9.5	15.9
150	6"	471.4	334	495	φ165.1/φ168.3	φ160.5/φ163.7	9.5	15.9
200	8"	549.4	391	570	φ219.1	φ214.1	11	19
250	10"	654.1	459.4	700	φ273	φ268	12.7	19
300	12"	762	590	840	φ323.9	φ317.9	12.7	19

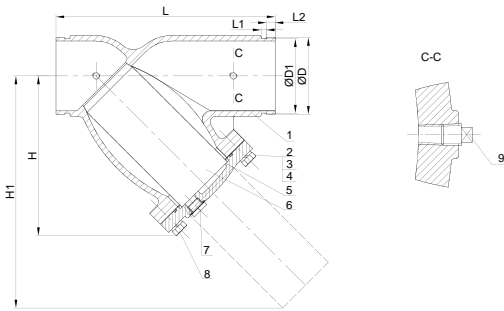
# Y Strainer Groove-Groove Ends

■ Fig.70GG



## Technical Specification

- Valve Standard AWWA C550
- Working Pressure 200PSI / 250PSI / 300PSI
- Working Temperature -10°C ~ 120°C
- Connection Ends AWWA C 606 / VDS2100



## Material Specification

No.	Part	Material	Specification
1	Body	Ductile Iron	--
2	Bolt	Galvanized Carbon Steel	GR.8.8
3	Washer	Galvanized Carbon Steel	--
4	Washer	Galvanized Carbon Steel	--
5	Cover	Ductile Iron	--
6	Screen	Stainless Steel	SS304
7	Plug	Galvanized Carbon Steel	--
8	O-Ring	EPDM	--
9	Test Screw	Steel	ASTM B16

## Dimension

DN	INCH	L mm	H mm	H1 mm	PN16		L1 mm	L2 mm
					φD1	φD2		
50	2"	230	130	195	φ60.3	φ57	8	15.9
65	2½"	254	158	240	φ73/φ76.1	φ69.7/φ72	8	15.9
80	3"	272.4	175	270	φ88.9	φ84.7	8	15.9
100	4"	308.1	202	320	φ114.3	φ109.8	9.5	15.9
125	5"	398.3	290	425	φ139.7/φ141.3	φ135.2/φ136.8	9.5	15.9
150	6"	471.4	334	495	φ165.1/φ168.3	φ160.5/φ163.7	9.5	15.9
200	8"	549.4	391	570	φ219.1	φ214.1	11	19
250	10"	654.1	459.4	700	φ273	φ268	12.7	19
300	12"	762	590	840	φ323.9	φ317.9	12.7	19

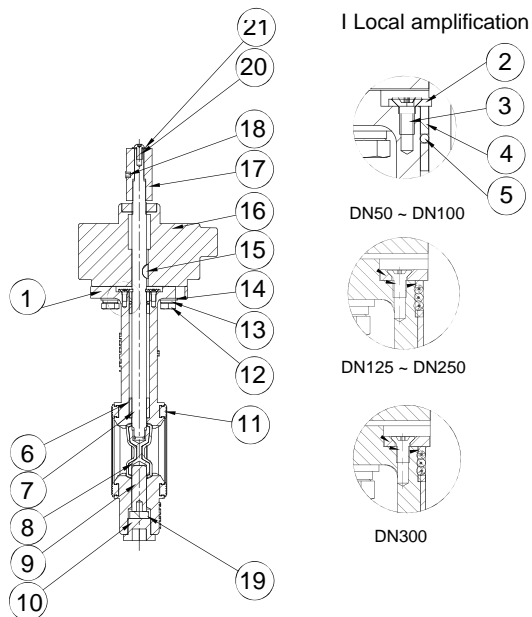
# 04

## BUTTERFLY VALVE



# Wafer Butterfly Valve With Signal Gear Box

■ Fig.25W



## Technical Specification

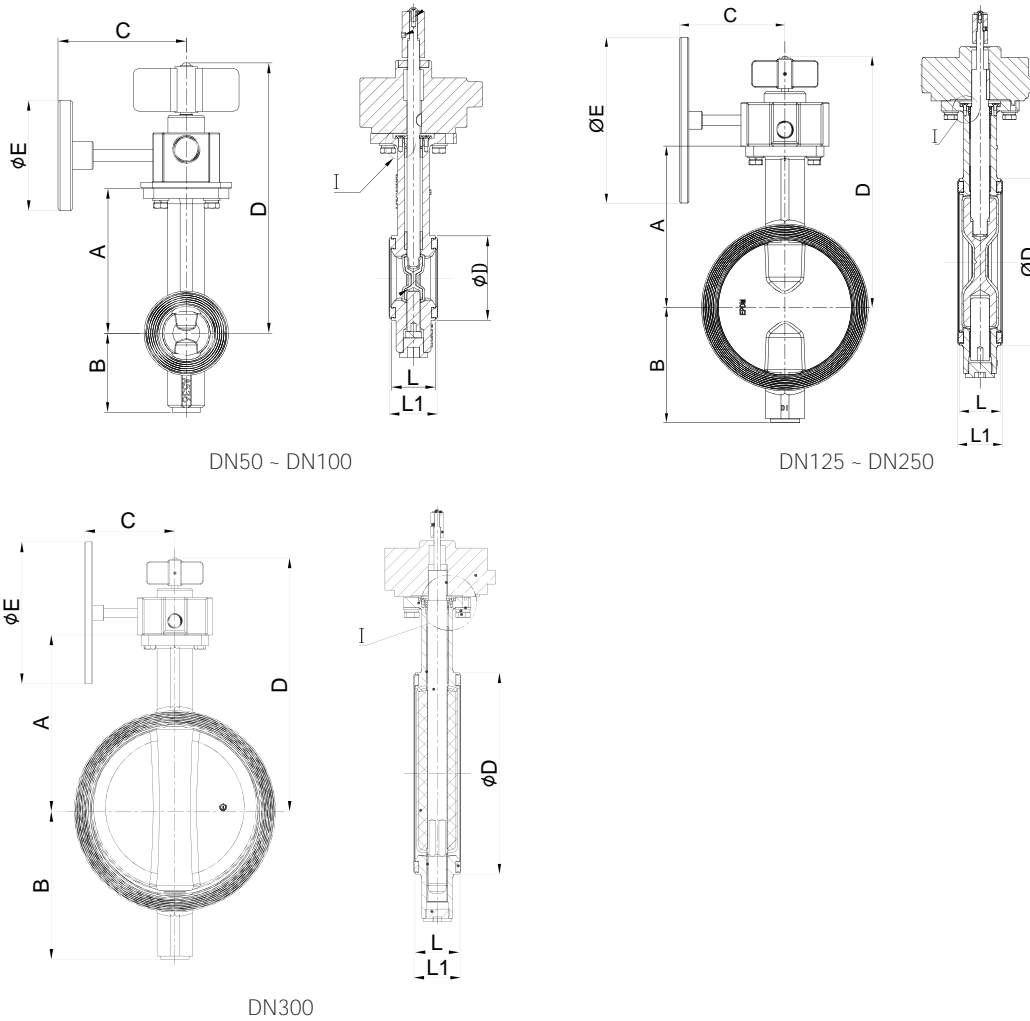
• Valve Standard	FM1112 / UL1091
• Face To Face Standard	ISO5752
• Test Standard	FM1112 / UL1091
• Working Pressure	200PSI / 250PSI / 300PSI
• Working Temperature	-10°C ~ 120°C
• Flanged Ends	BS EN1092-2 / ASMR B16.42 / Class150

## Material Specification

No.	Part	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Upper Shaft Gland Cross Recessed	Galvanized Carbon Steel	--
3	Countersunk Head Screw	Galvanized Carbon Steel	--
4	Short Shaft Sleeve	Bronze (DN50 ~ DN100) Carbon Steel (DN125 ~ DN300)	C63000 --
5	O-Ring	EPDM	--
6	Long Shaft Sleeve	Bronze (DN50 ~ DN100) Carbon Steel (DN125 ~ DN300)	C63000 --
7	Upper Shaft	Stainless Steel	SS410
8	Disc	Ductile Iron+EPDM	ASTM A536 65-45-12
9	Lower Shaft	Stainless Steel	SS410
10	Hex Socket Plug	Stainless Steel	SS304
11	Sealing Ring	EPDM	--
12	Hexagon Head Bolt	Stainless Steel	SS304
13	Spring Gasket	Stainless Steel	SS304
14	Flat Gasket	Stainless Steel	SS304
15	Half-round Key	Steel	45#
16	Electrical Turbine Box	Ductile Iron	GGG40
17	Indicator	Ductile Iron	ASTM A536 65-45-12
18	Hexagon Flat End Setting Screw	Galvanized Carbon Steel	--
19	Adjusting Washer (DN50, DN100)	EPDM	--
20	Hex Socket Round Head Screw	Stainless Steel	SS304
21	Large Falt Pad Class A	Stainless Steel	SS304

# Wafer Butterfly Valve With Signal Gear Box

■ Fig.25W



DN50 - DN100

DN125 - DN250

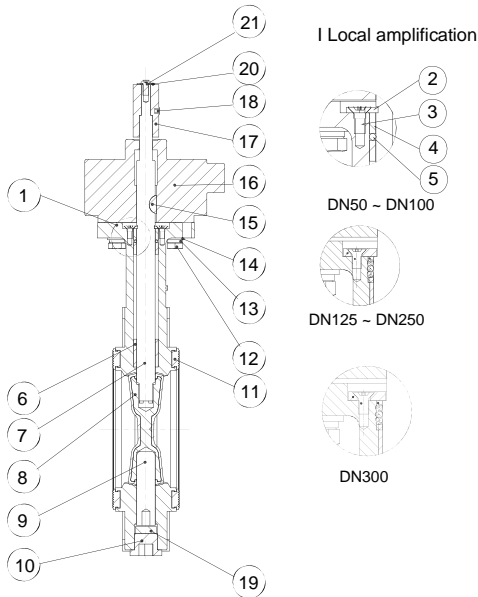
DN300

## Dimension

DN	INCH	A mm	B mm	C mm	D mm	L mm	L1 mm	φD	φE
50	2"	140.5	77	110	262.4	43	47	φ82	φ108
65	2½"	152.5	80	110	274.5	46	51	φ97	φ108
80	3"	157.5	87	110	279.5	46	51	φ109	φ108
100	4"	176	108	110	298	52	57	φ140	φ108
125	5"	191	131.5	133	318.8	56	61	φ165	φ150
150	6"	202.5	143.5	133	330.25	56	61	φ198	φ150
200	8"	243.5	174	159	379.25	62	67	φ252	φ250
250	10"	273	207.5	159	409	68	73	φ304	φ250
300	12"	311	261	228	465	78	83	φ355	φ250

# Lugged Butterfly Valve With Signal Gear Box

■ Fig.25L



## Technical Specification

- Valve Standard FM1112 / UL1091
- Face To Face Standard ISO5752
- Test Standard FM1112 / UL1091
- Working Pressure 200PSI / 250PSI / 300PSI
- Working Temperature -10°C ~ 120°C
- Flanged Ends BS EN1092-2 / ASMR B16.42 / Class150

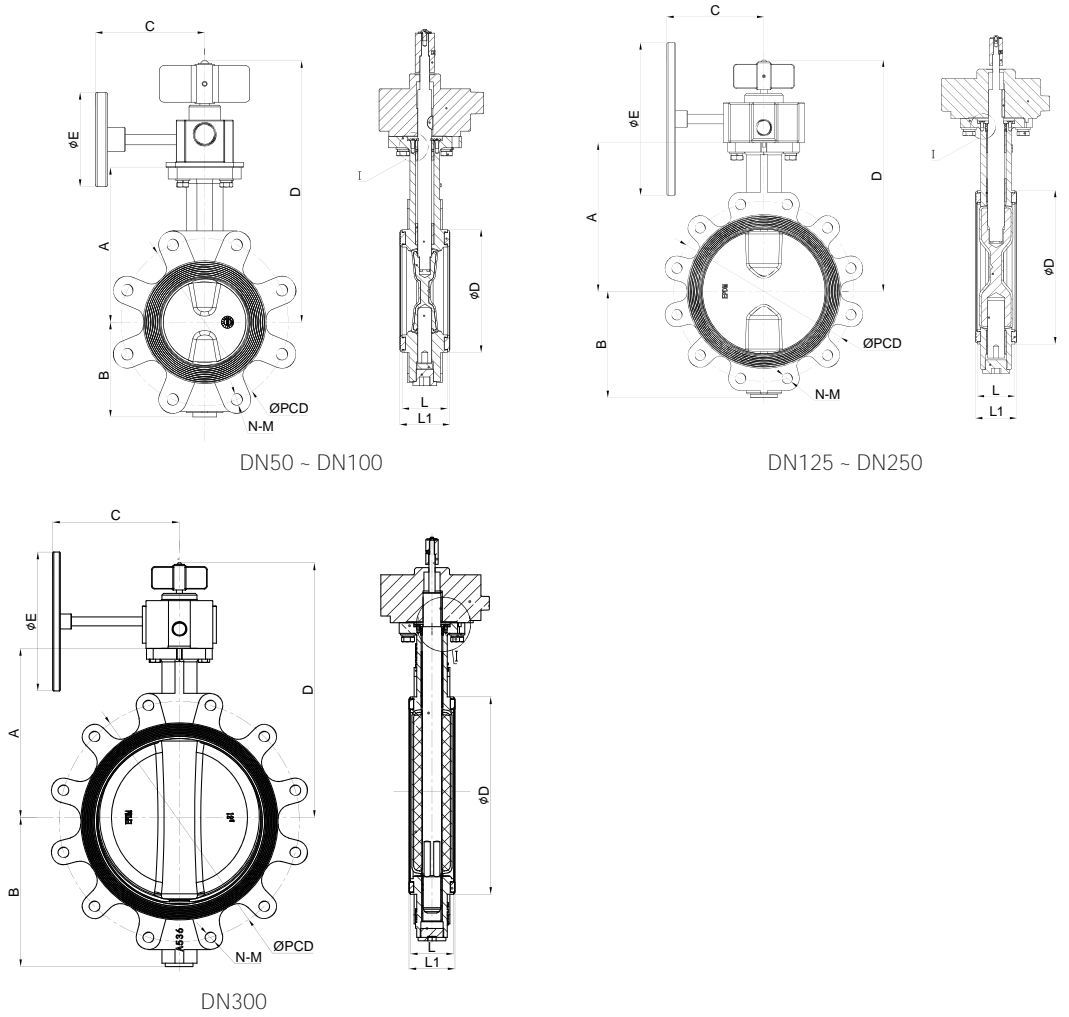
## Material Specification

No.	Part	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Upper Shaft Gland	Galvanized Carbon Steel	--
3	Countersunk Head Screw	Galvanized Carbon Steel	--
4	Short Shaft Sleeve	Bronze/Carbon Steel	C63000/--
5	O-Ring	EPDM	--
6	Long Shaft Sleeve	Bronze/Carbon Steel	C63000/--
7	Upper Shaft	Stainless Steel	SS410
8	Disc	Ductile Iron+EPDM	ASTM A536 65-45-12
9	Lower Shaft	Stainless Steel	SS410
10	Hex Socket Plug	Stainless Steel	SS304
11	Sealing Ring	EPDM	--
12	Hexagon Head Bolt	Stainless Steel	SS304
13	Spring Gasket	Stainless Steel	SS304
14	Flat Gasket	Stainless Steel	SS304
15	Half-Round Key	Steel	45#
16	Electrical Turbine Box	Ductile Iron	GGG40
17	Indicator	Ductile Iron	ASTM A536 65-45-12
18	Hexagon Flat End Setting Screw	Galvanized Carbon Steel	--
19	Adjusting Washer (DN50, DN100)	EPDM	--
20	Large Falt Pad Class A	Stainless Steel	SS304
21	Hex Socket Round Head Screw	Stainless Steel	SS304



# Lugged Butterfly Valve With Signal Gear Box

■ Fig.25L



## Dimension

DN	INCH	A mm	B mm	C mm	D mm	L mm	L1 mm	φD	φE	EN 1092-2		ASME B16.42 CL150		CL150
										PCD	N-M	PCD	N-M	PCD
50	2"	140.5	77	110	262.4	43	47	φ82	φ108	φ125	4-M16	φ120.7	4-5/8-11 UNC	φ120.7
65	2½"	152.5	80	110	274.5	46	51	φ97	φ108	φ145	4-M16	φ1.9.7	4-5/8-11 UNC	φ139.7
80	3"	157.5	87	110	279.5	46	51	φ109	φ108	φ160	8-M16	φ152.4	4-5/8-11 UNC	φ152.4
100	4"	176	108	110	298	52	57	φ140	φ108	φ180	8-M16	φ190.5	8-5/8-11 UNC	φ190.5
125	5"	191	131.5	133	313.5	56	61	φ165	φ150	φ210	8-M16	φ215.9	8-3/4-10 UNC	φ215.9
150	6"	202.5	144	133	319	56	61	φ198	φ150	φ240	8-M20	φ241.3	8-3/4-10 UNC	φ241.3
200	8"	243.5	173.5	187	379	62	67	φ252	φ250	φ295	12-M20	φ298.5	8-3/4-10 UNC	φ298.5
250	10"	273	207.5	187	409	68	73	φ304	φ250	φ355	12-M24	φ362	12-7/8-9 UNC	φ362
300	12"	311	261	187	465	78	83	φ355	φ250	φ410	12-M24	φ431.8	12-7/8-9 UNC	φ431.5

# Grooved Butterfly Valve With Signal Gear Box

■ Fig.25GG

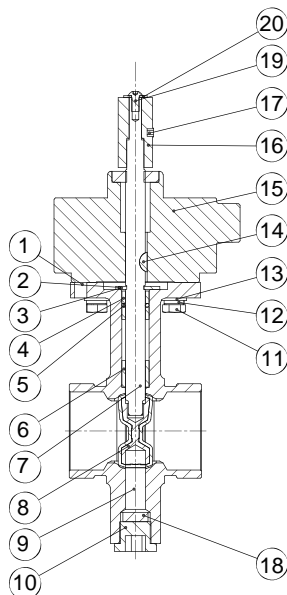


## Technical Specification

- Valve Standard FM1112 / UL1091
- Face To Face Standard MSS-SP67 Long
- Test Standard FM1112 / UL1091
- Working Pressure 200PSI / 250PSI / 300PSI
- Working Temperature -10°C ~ 120°C
- Flanged Ends AWWA C606 / VDS 2100

## Material Specification

No.	Part	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Upper Shaft Gland	Galvanized Carbon Steel	--
	Cross Recessed		--
3	Countersunk Head Screw	Galvanized Carbon Steel	--
4	Short Shaft Sleeve	Bronze (DN50 - DN100) Carbon Steel (DN125 - DN300)	C63000 --
5	O-Ring	EPDM	--
4	Long Shaft Sleeve	Bronze (DN50 - DN100) Carbon Steel (DN125 - DN300)	C63000 --
7	Upper Shaft	Stainless Steel	SS410
8	Disc	Ductile Iron+EPDM	ASTM A536 65-45-12
9	Lower Shaft	Stainless Steel	SS410
10	Hex Socket Plug	Stainless Steel	SS304
11	Hexagon Head Bolt	Stainless Steel	SS304
12	Spring Gasket	Stainless Steel	SS304
13	Flat Gasket	Stainless Steel	SS304
14	Half-Round Key	Steel	45#
15	Electrical Turbine Box	Ductile Iron	GGG40
16	Indicator Hexagon Flat	Ductile Iron	ASTM A536 65-45-12
17	End Setting Screw	Galvanized Carbon Steel	--
18	Rear Axle Pad (DN50, DN100) Hex Socket Flat	EPDM	--
19	Round Head Screw	Stainless Steel	SS304
20	Large Flat Pad Class A	Stainless Steel	SS304



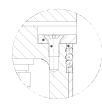
I Local amplification



DN50 - DN100



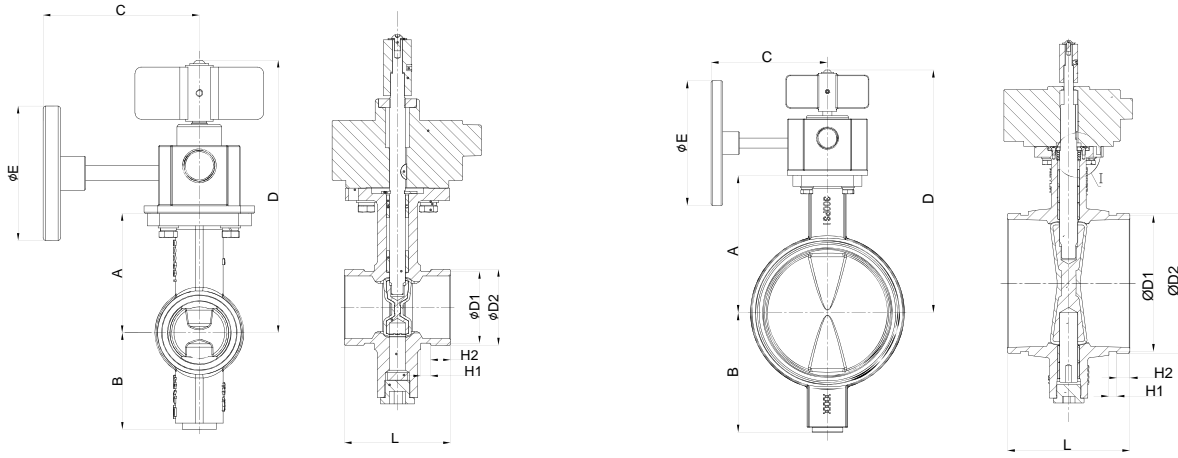
DN125 - DN250



DN300

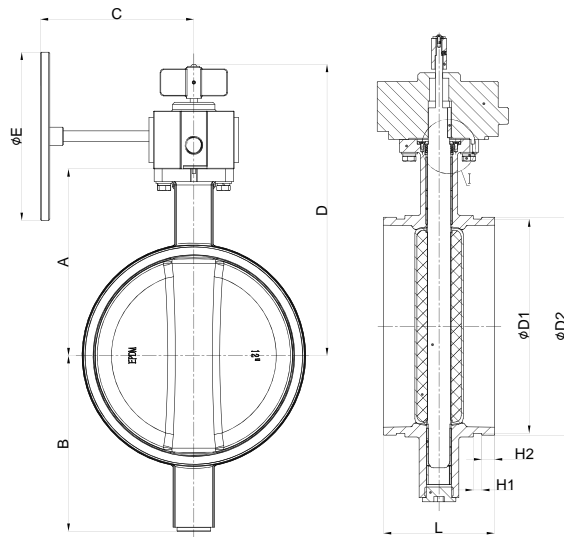
# Grooved Butterfly Valve With Signal Gear Box

■ Fig.25GG



DN50 - DN100

DN125 - DN250



DN300

## Dimension

DN	INCH	A mm	B mm	C mm	D mm	L mm	$\phi E$	AWWA C606			GB/T 8260			CL		
								$\phi D2$	H1 mm	H2 mm	$\phi D1$	$\phi D2$	H1 mm	H2 mm	$\phi D1$	PCD
50	2"	95	77	110	217	84.5	$\phi 108$	$\phi 60.33$	7.93	15.88	$\phi 57.15$	$\phi 60.3$	7.93	15.88	$\phi 57.2$	120.7
65	2½"	98	80	110	220	98	$\phi 108$	$\phi 73.03$	7.93	15.88	$\phi 69.09$	$\phi 76.1$	7.93	15.88	$\phi 72.3$	139.7
80	3"	105	87	110	227	98	$\phi 108$	$\phi 88.9$	7.93	15.88	$\phi 84.94$	$\phi 88.9$	7.93	15.88	$\phi 84.9$	152.4
100	4"	135	108	110	256	116	$\phi 108$	$\phi 114.3$	9.53	15.88	$\phi 110.08$	$\phi 114.3$	9.53	15.88	$\phi 110.1$	190.5
125	5"	148	132	133	275	149	$\phi 150$	$\phi 141.3$	9.53	15.88	$\phi 137.03$	$\phi 139.7$	9.53	15.88	$\phi 135.5$	215.9
150	6"	165	144	133	292	147.6	$\phi 150$	$\phi 168.28$	9.53	15.88	$\phi 163.96$	$\phi 165$	9.53	15.88	$\phi 160.9$	241.3
200	8"	204	173	187	339	134	$\phi 250$	$\phi 219.08$	11.13	19.05	$\phi 214.4$	$\phi 219.1$	11.1	19.05	$\phi 214.4$	298.5
250	10"	245	208	187	380	160	$\phi 250$	$\phi 273.05$	12.7	19.05	$\phi 268.28$	$\phi 273$	12.7	19.05	$\phi 268.3$	362
300	12"	277.5	261	187	426.5	165	$\phi 250$	$\phi 323.85$	12.7	19.05	$\phi 318.3$	$\phi 323.9$	12.7	19.05	$\phi 318.3$	431.5

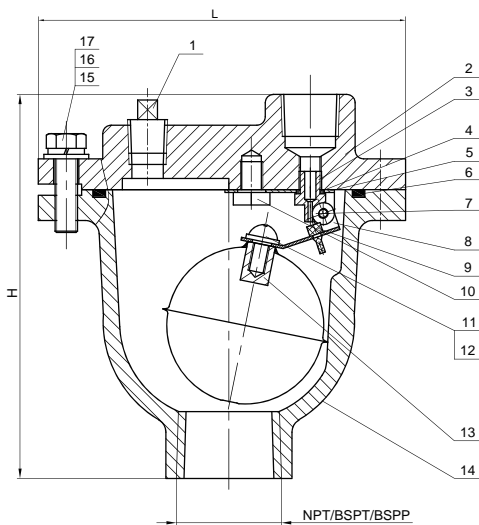
# 05

## AIR VENT



# Air Release Valve

■ Fig.9712



## Technical Specification

• Valve Standard	AWWA C550
• Working Pressure	200PSI
• Working Temperature	-10°C ~ 120°C
• Connection Ends	NPT / BSPT / BSPP

## Material Specification

No.	Part	Material	Specification
1	Plug	Stainless Steel	SS304
2	Bonnet	Ductile Iron	ASTM A536 65-45-12
3	Sealing Seat	Brass	--
4	Sealing Washer	Viton/EPDM	--
5	Yoke	Stainless Steel	SS304
6	O-Ring	Viton/EPDM	--
7	Pin	Stainless Steel	SS304
8	Arm	Stainless Steel	SS304
9	Sealing Plug	Viton/EPDM	--
10	Bolt	Stainless Steel	A2-70
11	Screw	Stainless Steel	SS304
12	Snap Ring	Stainless Steel	SS201
13	Ball	Stainless Steel	SS304
14	Body	Ductile Iron	ASTM A5362
15	Bolt	Stainless Steel	A2-70
16	Spring Washer	Stainless Steel	SS304
17	Flat Washer	Stainless Steel	SS304

## Dimension

DN	INCH	H mm	L mm
15	½"	140	134
20	¾"	140	134
25	1"	140	134

# 06

## FIRE HYDRANT



# Dry Barrel Fire Hydrant

■ Fig.1510

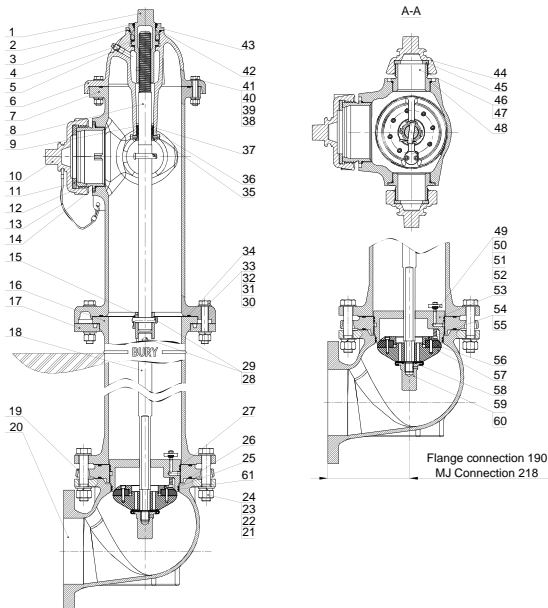


## Technical Specification

- Design Standard FM 1510 / UL 246 / AWWA C502
- Coating Standard AWWA C550
- Nozzle Thread Standard NFPA 1963
- Hose Nozzle 2½"-Two
- Pumper Nozzle 4" or 4½"-One
- Mechanical Joint Size: 6" ANSI / AWWA C111/A21.11 / ANSI / AWWA C153 / A21.53
- Flange End Size: 6" ANSI Class 125 / 150 / BS EN 1092-2 PN10 / PN16
- Working Pressure 250PSI

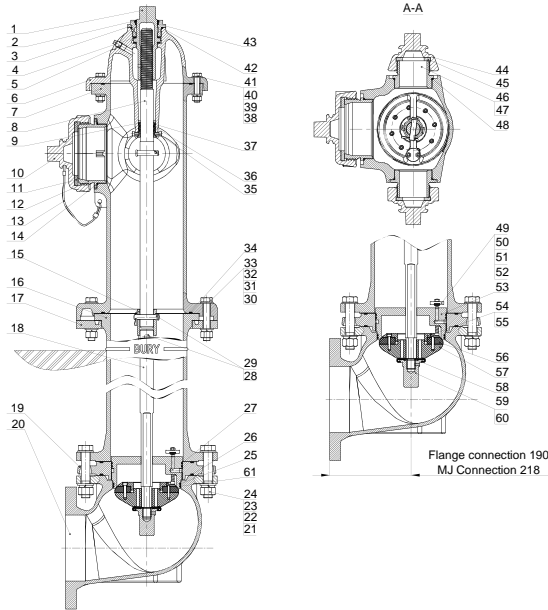
## Material Specification

No.	Part	Material	Specification
1	Operating Nut	Brass	C84400
2	Dust Ring	EPDM	--
3	Lock Nut	Stainless Steel	CF8
4	Antifiction Pad	Bronze	C63000
5	Plug	Stainless Steel	SS304
6	Cover	Ductile Iron	ASTM A536 65-45-12
7	Top Body	Ductile Iron	ASTM A536 65-45-12
8	Top Shaft	Stainless Steel	SS420
9	Gland	Stainless Steel	SS304
10	Hose Nozzle Cap (4")	Ductile Iron	ASTM A536 65-45-12
	Hose Nozzle Cap (4.5")	Ductile Iron	ASTM A536 65-45-12
11	Hose Nozzle Gasket (4")	EPDM	--
	Hose Nozzle Gasket (4.5")	EPDM	--
12	Hose Nozzle (4")	Brass	C84400
	Hose Nozzle (4.5")	Brass	C84400
13	Chain	Stainless Steel	SS304
14	O-Ring	EPDM	--
15	Coupling	Stainless Steel	SS420
16	Down Body	Ductile Iron	ASTM A536 65-45-12
17	Safety Flange	Cast Iron	HT200
18	Down Shaft	Stainless Steel	SS420
19	Drainage Ring Cover	Ductile Iron	ASTM A536 65-45-12
20	Elbow Body	Ductile Iron	ASTM A536 65-45-12
21	Hexagon Bolt	Stainless Steel	SS304
22	Plain Washer	Stainless Steel	SS304
23	Lock Washer	Stainless Steel	SS304
24	Hexagon Nut	Stainless Steel	SS304
25	O-Ring	EPDM	--
26	Drain Valve Cover Seal	EPDM	--
27	O-Ring	EPDM	--
28	Pin Shaft	Stainless Steel	SS304
29	Pin	Stainless Steel	SS304
30	Hexagon Bolt	Stainless Steel	SS304
31	Plain Washer	Stainless Steel	SS304



# Dry Barrel Fire Hydrant

■ Fig.1510



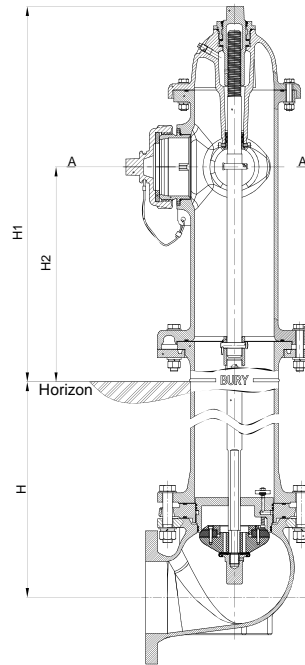
## Material Specification

No.	Part	Material	Specification
32	Lock Washer	Stainless Steel	SS304
33	Hexagon Nut	Stainless Steel	SS304
34	Upper Plug Body Seal	EPDM	--
35	Hexagon Socket Head Cap Screws	Stainless Steel	SS304
36	O-Ring	EPDM	--
37	O-Ring	EPDM	--
38	Hexagon Bolt	Stainless Steel	SS304
39	Plain Washer	Stainless Steel	SS304
40	Lock Washer	Stainless Steel	SS304
41	Hexagon Nut	Stainless Steel	SS304
42	O-Ring	EPDM	--
43	O-Ring	EPDM	--
44	Hose Nozzle Cap	Ductile Iron	ASTM A536 65-45-12
45	Hose Nozzle Gasket	EPDM	--
46	Hose Nozzle	Brass	C84400
47	Hexagon Socket Set Screws	Stainless Steel	SS304
48	O-Ring	EPDM	--
49	Drain Valve Cover	Brass+EPDM	C84400
50	Spring	Stainless Steel	SS304
51	Hexagon Socket Head Cap Screws	Stainless Steel	SS304
52	Hex Nuts	Stainless Steel	SS304
53	Seat Ring	Brass	C84400
54	Tablet	Ductile Iron	ASTM A536 65-45-12
55	Hexagon Socket Head Cap Screws	Stainless Steel	SS304
56	Disc Seal	EPDM	--
57	Disc	Ductile Iron	ASTM A536 65-45-12
58	O-Ring	EPDM	--
59	Nut Press Ring	Ductile Iron+EPDM	ASTM A536 65-45-12
60	Hexagon Socket Set Screws	Stainless Steel	SS304



# Dry Barrel Fire Hydrant

■ Fig.1510



## Dimension

Burial Depth	H mm	H1 mm	H2 mm
1"	326	804	460
2"	543	804	460
3"	848	804	460
3"-6"	1001	804	460
4"-0"	1153	804	460
4"-6"	1306	804	460
5"-0"	1458	804	460
5"-6"	1611	804	460
6"-0"	1763	804	460
6"-6"	1916	804	460
7"-0"	2068	804	460

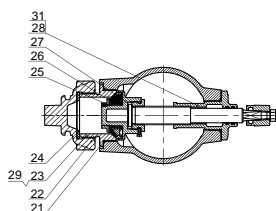
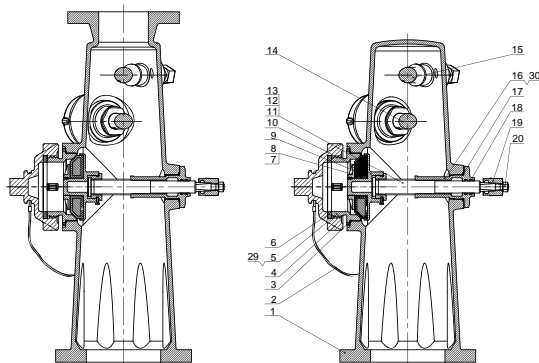
# Wet Barrel Fire Hydrant

■ Fig.1511



2H1PM

2H1P



## Technical Specification

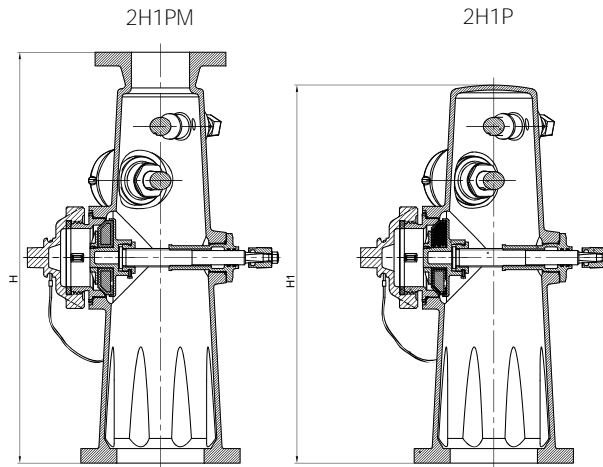
- Design Standard FM 1511 / UL 246 / AWWA C503
- Coating Standard AWWA C550
- Nozzle Thread Standard NFPA 1963
- Hose Nozzle 2.5"\*2
- Pumper Nozzle 4.5" or 4"\*1
- Monitoe Flange Size: 4" ASNI Class 125/150
- Inlet Flange Connection Size: 6" ASNI Class 125/150
- Flange End BS EN 1092-2 PN10/PN16
- Working Pressure 250PSI

## Specification

No.	Part	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Chain	Stainless Steel	SS304
3	O-Ring	EPDM	--
4	Pumper Nozzle Cap (4", 4.5")	Ductile Iron	ASTM A536 65-45-12
5	Pumper Nozzle (4", 4.5")	Brass	C84400
6	Pumper Nozzle Gasket (4", 4.5")	EPDM	--
7	4.5" Gland	Stainless Steel	CF8
8	Hex. Socket Set Screws With Flat Point	Steel	A2
9	4.5" Disc Sealing Ring	EPDM	--
10	4.5" Disc	Steel	CF8
11	Shaft One	Stainless Steel	SS304/ SS420
12	Fasten Nut	Stainless Steel	CF8
13	Hex. Socket Cap Srwew	Stainless Steel	A2-70
14	Shaft Two	Stainless Steel	SS304/ SS420
15	Shaft Three	Stainless Steel	SS304/ SS420
16	4.5 Shaft Nut	Brass	C84400
17	O-Ring	EPDM	--
18	O-Ring	EPDM	--
19	Operating Nut	Stainless Steel	CF8
20	Hex Nut	Stainless Steel	A2-70
21	O-Ring	EPDM	--
22	Hose Nozzle Cap	Ductile Iron	ASTM A536 65-45-12
23	Hose Nozzle	Brass	C84400
24	Hose Nozzle Gasket	EPDM	--
25	2.5" Gland	Stainless Steel	CF8
26	2.5" Disc Sealing Ring	EPDM	--
27	2.5" Disc	Stainless Steel	CF8
28	Shaft Two Stem Nut	Brass	C84400
29	Hex. Socket Set Screws With Flat Point	Carbon Steel+Zn	--
30	Hex. Socket Set Screws With Flat Point	Carbon Steel+Zn	--
31	Shaft Three Stem Nut	Brass	C84400

# Wet Barrel Fire Hydrant

■ Fig.1511



## Dimension

SIZE	H mm	H1 mm
2H1PM	720	-
2H1P	-	662.5

# Wet Barrel Fire Hydrant

■ Fig.1511



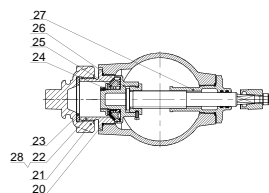
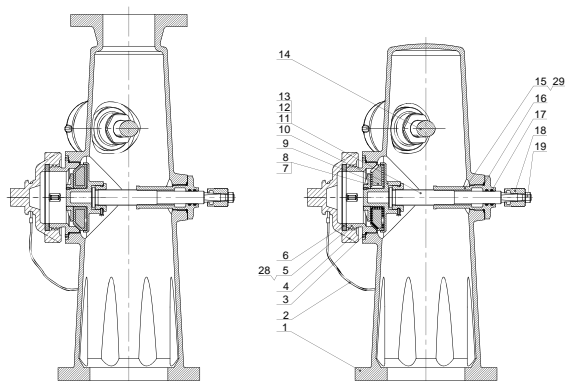
## Technical Specification

- Design Standard FM 1511 / UL 246 / AWWA C503
- Coating Standard AWWA C550
- Nozzle Thread Standard NFPA 1963
- Hose Nozzle 2.5"\*2
- Pumper Nozzle 4.5" or 4"\*1
- Monitoe Flange Size: 4" ASNI Class 125/150
- Inlet Flange Connection Size: 6" ASNI Class 125/150
- Flange End BS EN 1092-2 PN10/PN16
- Working Pressure 250PSI



1H1PM

1H1P

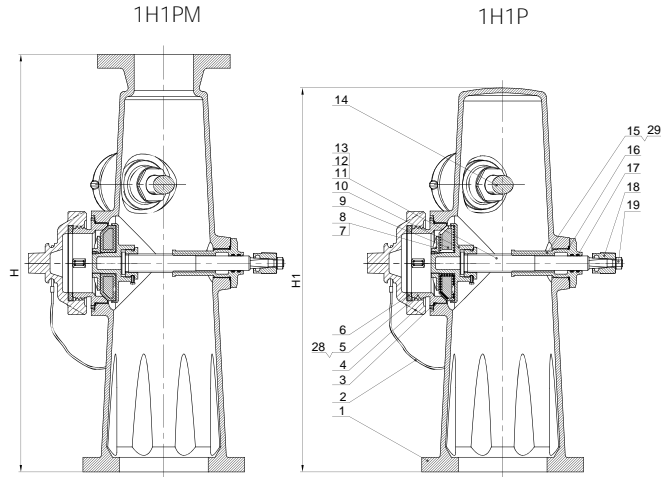


## Specification

No.	Part	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Chain	Stainless Steel	SS304
3	O-Ring	EPDM	--
4	Pumper Nozzle Cap (4", 4.5")	Ductile Iron	ASTM A536 65-45-12
5	Pumper Nozzle (4", 4.5")	Brass	C84400
6	Pumper Nozzle Gasket (4", 4.5")	EPDM	--
7	4.5" Gland	Stainless Steel	CF8
8	Hex. Socket Set Screws With Flat Point	Steel	A2
9	4.5" Disc Sealing Ring	EPDM	--
10	4.5" Disc	Steel	CF8
11	Shaft One	Stainless Steel	SS304/ SS420
12	Fasten Nut	Stainless Steel	CF8
13	Hex. Socket Cap Sreuw	Stainless Steel	A2-70
14	Shaft Two	Stainless Steel	SS304/ SS420
15	4.5 Shaft Nut	Brass	C84400
16	O-Ring	EPDM	--
17	O-Ring	EPDM	--
18	Operating Nut	Stainless Steel	CF8
19	Hex Nut	Stainless Steel	A2-70
20	O-Ring	EPDM	--
21	Hose Nozzle Cap	Ductile Iron	ASTM A536 65-45-12
22	Hose Nozzle	Brass	C84400
23	Hose Nozzle Gasket	EPDM	--
24	2.5" Gland	Stainless Steel	CF8
25	2.5" Disc Sealing Ring	EPDM	--
26	2.5" Disc	Stainless Steel	CF8
27	Shaft Two Stem Nut	Brass	C84400
28	Hex. Socket Set Screws With Flat Point	Carbon Steel+Zn	--
29	Hex. Socket Set Screws With Flat Point	Carbon Steel+Zn	--

# Wet Barrel Fire Hydrant

■ Fig.1511

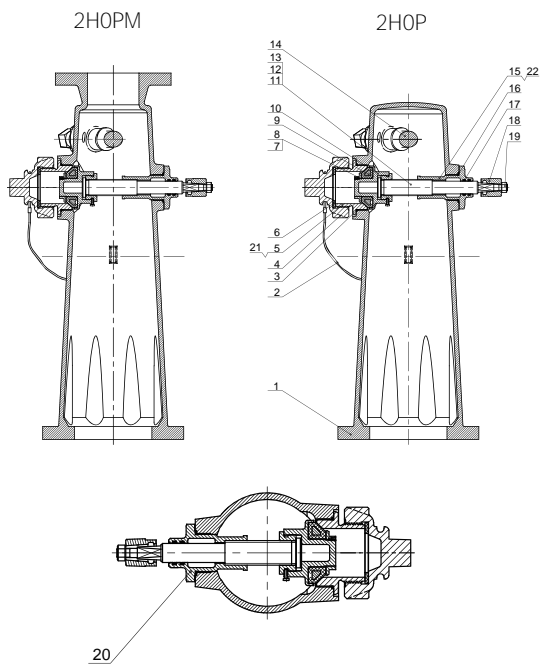


## Dimension

SIZE	H mm	H1 mm
1H1PM	720	-
1H1P	-	662.5

# Wet Barrel Fire Hydrant

■ Fig.1511



## Technical Specification

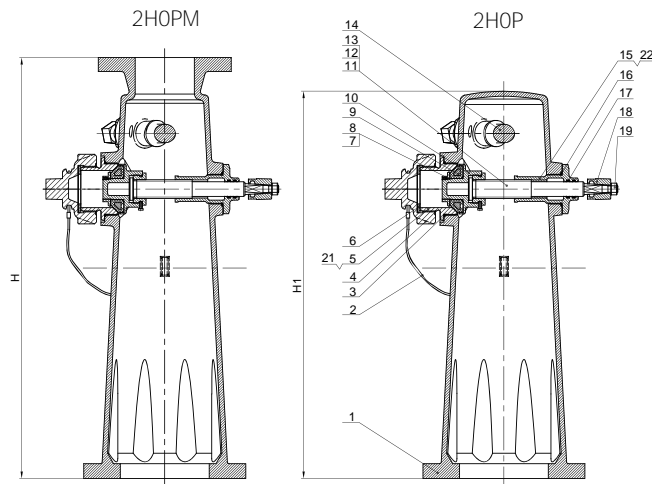
- Design Standard FM 1511 / UL 246 / AWWA C503
- Coating Standard AWWA C550
- Nozzle Thread Standard NFPA 1963
- Hose Nozzle 2.5"\*2
- Pumper Nozzle 4.5" or 4"\*1
- Monitoe Flange Size: 4" ASNI Class 125/150
- Inlet Flange Connection Size: 6" ASNI Class 125/150
- Flange End BS EN 1092-2 PN10/PN16
- Working Pressure 250PSI

## Specification

No.	Part	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Chain	Stainless Steel	SS304
3	O-Ring	EPDM	--
4	Pumper Nozzle Cap (4", 4.5")	Ductile Iron	ASTM A536 65-45-12
5	Hose Nozzle	Brass	C84400
6	Hose Nozzle Gasket	EPDM	--
7	2.5" Gland	Stainless Steel	CF8
8	Hex. Socket Set Screws With Flat Point	Steel	A2
9	2.5" Disc Sealing Ring	EPDM	--
10	2.5" Disc	Steel	CF8
11	Shaft Two	Stainless Steel	SS304/ SS420
12	Fasten Nut	Stainless Steel	CF8
13	Hex. Socket Cap Srwew	Stainless Steel	A2-70
14	Shaft Three	Stainless Steel	SS304/ SS420
15	Shaft Two Stem Nut	Brass	C84400
16	O-Ring	EPDM	--
17	O-Ring	EPDM	--
18	Operating Nut	Stainless Steel	CF8
19	Hex Nut	Stainless Steel	A2-70
20	Shaft Three Stem Nut	Brass	C84400
21	Hex. Socket Set Screws With Flat Point	Carbon Steel+Zn	--
22	Hex. Socket Set Screws With Flat Point	Carbon Steel+Zn	--

# Wet Barrel Fire Hydrant

■ Fig.1511



## Dimension

SIZE	H mm	H1 mm
2H0PM	720	-
2H0P	-	662.5

# 07

## WATER FLOW DETECTOR WITH RETARD





# Water Flow Detector With Retard



■ Fig.1042-V

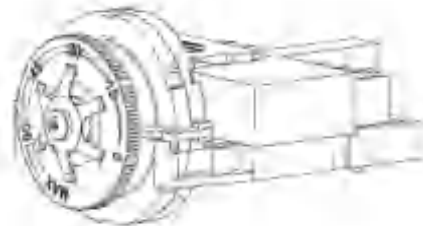
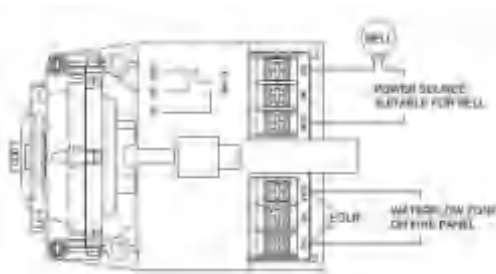
- The Wfra water flow detectors shall be installed on system piping as designated on the drawing and/or as specified herein. Water flow indicators shall mount on any clear pipe span of the appropriate normal size, either a horizontal or vertical pipe. The indicators shall have a sensitivity in the range of 4-10 gallons per minute and a static pressure rating up to 450psi for 2" -8" (50mm thru 200mm) pipes. The indicator shall respond to water flow in the specified direction after a preset time that is field adjustable. The retard structure shall be a sealed mechanical pneumatic unit with visual time delay adjustment.
- Note: Cover material is Aluminum, alternative Plastic Cover.



### Technical Specification

- Working Pressure Max3.1Mpa (450psi)
- Sensitivity 15.0-37.5L/min (4-10GPM)
- Contact Rating Two sets of SPDT (Form C)  
10.1A@125/250VAC  
2A@24VDC
- Enclosure Rating NEMA 4- suitable for indoor/outdoor
- Compatible Pipe Steel pipe, schedule 10 through 40
- Operating Temperature 4.5°C ~ 49°C (40°F ~ 120°F)
- Maximum Surge 5.5m/s (18FPS)
- Retard Structure Time delay adjustment via rotate dial
- Two sets Micro-switch 100% synchronization
- Tamper Device Special tamper screws to prevent disassembl
- Standards GB5135.7-2018 & FM1042-2016&UL346

### Typical Electrical Connections and Time Delay Adjustment



Retard Structure can be set from "0" to "MAX" position, delay time can be set from 0-90secs

### Model and Size

Model	Description	Pipe Size	Hole Size
WFAR-2	Vane-Type Water flow indicator	50mm (2" )	31.8mm(1-1/4" )
WFAR-2.5	Vane-Type Water flow indicator	65mm (2.5" )	31.8mm(1-1/4" )
WFAR-3	Vane-Type Water flow indicator	80mm (3" )	50.8mm(2" )
WFAR-4	Vane-Type Water flow indicator	100mm (4" )	50.8mm(2" )
WFAR-6	Vane-Type Water flow indicator	150mm (6" )	50.8mm(2" )
WFAR-8	Vane-Type Water flow indicator	200mm (8" )	50.8mm(2" )

# Water Flow Detector With Retard



■ Fig.1042-T

- The WFAR-TS T-tap water flow detectors shall be installed on a tee that has a 1 inch NPT branch include 1in., 1 1/4 in. , 1 1/2 in and 2in. as designated on the drawing and/or as specified herein. Water flow indicators shall mount on any clear pipe span of the appropriate normal size, either a horizontal or vertical pipe. The indicators shall have a sensitivity in the range of 4-10 gallons per minute and a static pressure rating up to 450psi for 1" -2" (DN25 thru DN50) pipes. The indicator shall respond to water flow in the specified direction after a preset time delay that is field adjustable. The retard structure shall be a sealed mechanical pneumatic unit with visual time delay adjustment.
- Note: Cover material is Aluminum, alternative Plastic Cover.



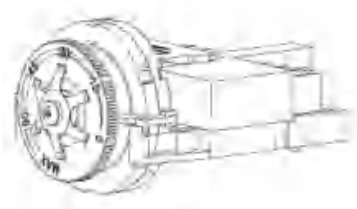
### Technical Specification

- Working Pressure Max3.1Mpa (450psi)
- Sensitivity 15.0-37.5L/min (4-10GPM)
- Contact Rating Two sets of SPDT (Form C)  
10.1A@125/250VAC  
2A@24VDC
- Enclosure Rating NEMA 4- suitable for indoor/outdoor
- Compatible Pipe Steel pipe, schedule 10 through 40
- Operating Temperature 4.5°C ~ 49°C (40°F ~ 120°F)
- Maximum Surge 5.5m/s (18FPS)
- Retard Structure Time delay adjustment via rotate dial
- Two Sets Micro-switch 100% synchronization
- Tamper Device Special tamper screws to prevent disassembly
- Standards GB5135.7-2018 & FM1042-2016&UL346

### Dimensions

DN	INCH	W mm	H mm	D (Depth)
25	1"	95/4	169/7	54/2
32	1 1/4"	95/4	177/7	63/2
40	1 1/2"	95/4	184/7	69/3
50	2"	95/4	197/8	82/3

### Typical Electrical Connections and Time Delay Adjustment



Retard Structure can be set from "0" to "MAX" position, delay time can be set from 0-90secs

# 08

## BRASS VALVE



# Brass Valve Test and Drain

■ Fig.1601

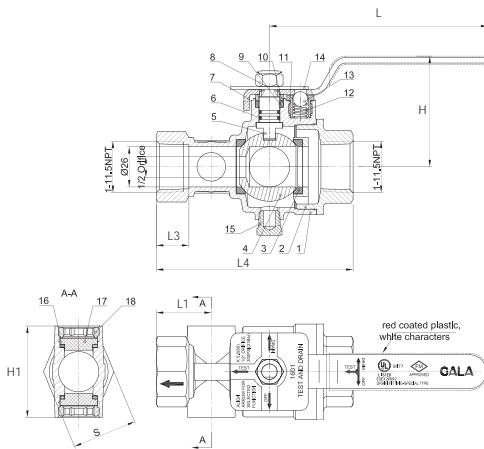


## Technical Specification

- Valve Standard      Positioning Of Handle For Off Testing Or Drain  
Only 2 Threaded Connections  
Large, Integral Sight Glass On Both Sides  
½" (Nominal) Test Orifice  
K Factor: 5.6
- Working Pressure    300PSI

## Material Specification

No.	Part	Material	Specification
1	Body	Brass	C37700
2	Cap	Brass	C37700
3	Seal	PTFE	--
4	Ball	Brass	C37700
5	Stem	Brass	C37700/HPb59-1
6	O-Ring	NBR	--
7	Handle	Carbon Steel/Stainless Steel	Q235A/SS304
8	Nut	Carbon Steel/Stainless Steel	Q235A/SS304
9	Gland Packing	PTFE	--
10	Gland Ring	Brass	C37700
11	Gland Nut	Brass	C37700
12	Spring	Stainless Steel	SS302/SS304
13	Steel Ball	Stainless Steel	SS304
14	Indicator Plate	Carbon Steel/Stainless Steel	Q235A/SS304
15	Plug	Brass	C37700
16	Washer	NBR	--
17	Sight Glass	PC	--
18	Retaining Ring	Brass	C37700



## Dimension

DN	INCH	L mm	L1 mm	S mm	H mm	H1 mm	L3 mm	L4 mm
25	1"	141	36	42	72	59	21	127
32	1¼"	141	36	42	72	59	21	127
40	1½"	161	40	58	89	80	21	127
50	2"	161	40	-	89	80	21	127

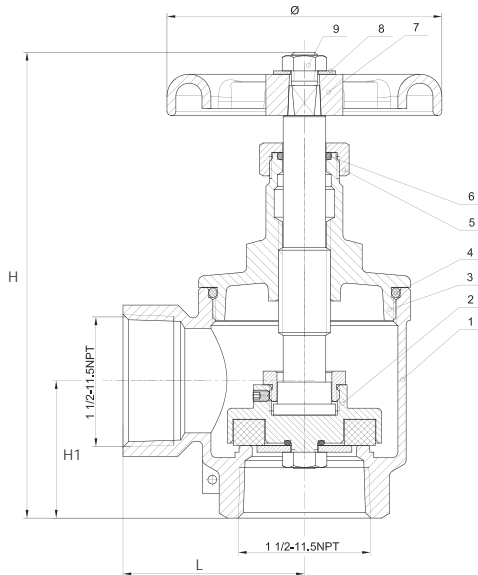
# Brass Valve Hose Valve

■ Fig.1615



## Technical Specification

- Valve Standard Used with a fire hose rack assembly or as a fire dept outlet connection.  
FEMALE x MALE  
FEMALE x MALE  
GROOVE x MALE
- Standard Equipmen Outlet forge brass valve  
Red hand wheel  
FNPSH x MNPSH (DN40, DN65)  
FNPT x FNPT (DN40, DN65)  
FNPSH x FNPSH (DN40, DN65)  
FNPT x MNYC (DN65)  
GRV x MNH (DN65)  
GRV x MNYC (DN65)  
MNH x MNYC (DN65)
- Working Pressure 300PSI



## Material Specification

No.	Part	Material	Specification
1	Body	Brass	C37700
2	Spool Assembly	--	--
3	Bonnet	Brass	C37700
4	O-Ring	EPDM	--
5	Compress Nut	Brass	C37700
6	O-Ring	EPDM	--
7	Wheel	Ductile Iron/Al	QT400-18/ZL102
8	Washer	Stainless Steel	SS304
9	Wheel Nut	Brass/Stainless	C37700/SS304

## Dimension

SIZE	L mm	H mm	H1 mm	φ
1 1/2"x1 1/2"	66	169	50	φ100
2 1/2"x2 1/2"	84	223	68	φ127

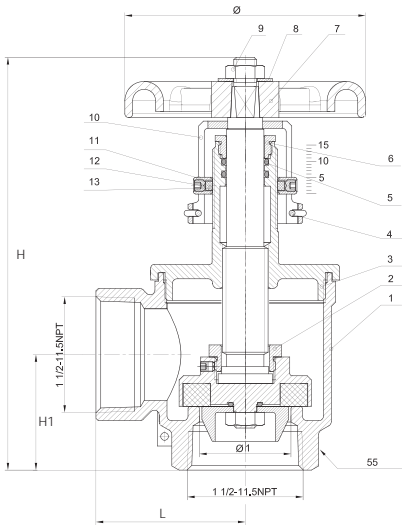
# Brass Valve Pressure Reducing-Angle Valve

■ Fig.1620



## Technical Specification

- Valve Standard Pressure Reducing Device Angle Valve 175 Lb.  
Rated adjustable restriction of residual pressure up to 175 Lb.  
Locking pin device restricts full opening of valve by untrained personnel, pin may be removed by firefighters to allow full opening of valve.  
FEMALE x MALE  
FEMALE x FEMALE
- Standard Equipment Outlet forge brass valve  
Red hand wheel  
FEMALE NPT x MALE NH (1½", 2½")  
FEMALE NPT x FEMALE NPT (½", 2½")  
Rc x M78 x 2 (2½")
- Working Pressure FM 175PSI / 300PSI  
UL 175PSI



## Material Specification

No.	Part	Material	Specification
1	Body	Brass	C37700
2	Spool Assembly	--	--
3	Bonnet	Brass	C37700
4	Spring Clip	Stainless Steel	SS304
5	O-Ring	EPDM	--
6	Gland Nut	Brass	C37700
7	Wheel	Al	QT400-18/ZL102
8	Washer	Stainless Steel	SS304
9	Nut	Brass/Stainless	C37700/SS304
10	Setting Indicator	Brass	C37700
11	Collar	Brass	C37700
12	Screw	Stainless Steel	SS304
13	Limit Pad	PA6	--

## Dimension

SIZE	L mm	H mm	H1 mm	φ
1½"x1½"	62	171	48	φ100
2½"x2½"	83	231	66.5	φ127

# Brass Valve Ball Valve

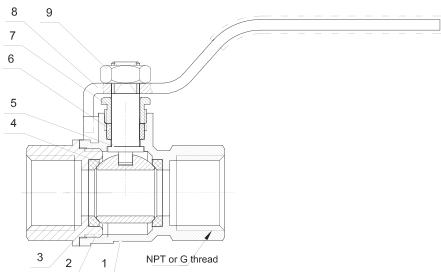
■ Fig.1640



## Technical Specification

- Valve Standard Brass ball valve (Full port)  
Steel handle with plastic handle  
FM/UL Certificated Size: 1/4", 3/8"  
1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
- Working Pressure FM 300PSI / UL 600PSI

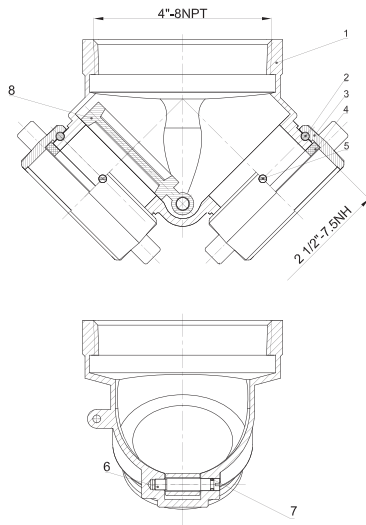
## Material Specification



No.	Part	Material	Specification
1	Body	Brass	C37700
2	Bonnet	Brass	C37700
3	Seat	PTFE	--
4	Ball	Brass	C37700
5	Stem	Brass	HPb59-1
6	Packing	PTFE	--
7	Gland	Brass	HPb59-1
8	Handle	Carbon Steel	Q235A
9	Nut	Carbon Steel	Q235A

# Brass Valve Fire Department Connections

■ Fig.1650



## Technical Specification

- Working Pressure 300PSI

## Material Specification

No.	Part	Material	Specification
1	Body	Brass	C37700
2	Ball Bearing	Stainless Steel	SS304
3	Coupling	Brass	C37700
4	Sealing	EPDM	--
5	Screw	Brass/Stainless Steel	C46500/SS304
6	Hinge Pin	Brass	C37700
7	O-Ring	EPDM	--
8	Clapper	Brass	C37700



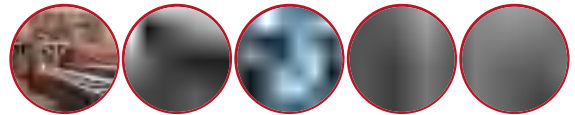
# MANUFACTURING EXCELLENCE

## Brand own production facility

Integrated casting, machining, color Painting, vulcanization, assembling, testing, stocking in one site.

You can be beneficial from vertical integration production as follows:

- Fully-controlled products quality in each chain
- Reduced cost
- Shortened lead time
- Turn-key Solution



## TOP-LEVEL R&D CENTER



5 Test Labs | 6 Test Platforms | 1 Trial Production Center



The R&D center provides strong support for the research and development of new products, the optimization and upgrading of product series, and the sustainable development of Galaxy valve products.



Dubai Sport Centre  
Dubai UAE



Pfizer, Inc  
CHINA



Phnom Penh Airport  
Cambodia



Huahong Semiconductor  
(Wuxi) Co., Ltd  
SEMICONDUCTOR  
CHINA

*Make Fluid Control to be Adaptive And Energy Efficient*

**GALA**

 **GALA USA**

GALA RS INC  
8605 Santa Monica Blvd 30327 West Hollywood, CA 90069  
+1-713-562-8136

 **GALA SOUTHEAST ASIA**

GALAXY VALVES (THAILAND) CO., LTD.  
209/21 Moo 2, Tombon Phraeksamai, Amphoe Mueang Samutprakan,  
Changwat Samutprakan, Thailand  
+66-2-1380469

 **GALA MIDDLE EAST**

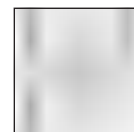
GALA INTERNATIONAL FZE  
LB18 2101-2103, Jafza View 18, Jafa, Duba, UAE  
+971 4 885 6516

 **GALA RUSSIA**

LLC AquafLOW Controls  
Москва, Каширское шоссе. Зк2с12, офис 302  
+7 499 136 76 66

 **GALA CHINA**

TIANJIN GALAXY VALVE CO., LTD.  
No.49, Guanghui Road, Beizhakou Town, Jinnan District, Tianjin, China  
+86-22-28750815



Website



LinkedIn