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FIRE INDUSTRY SUPPLIES



CONTACT +61 411 103 846
149 NEWLANDS ROAD,
COBURG NORTH, 3058 VIC AUSTRALIA

VALVES AND PRESSURE GAUGES

RG Check Valve 365PSI

RG

365PSI RG Swing Check Valve FM/UL

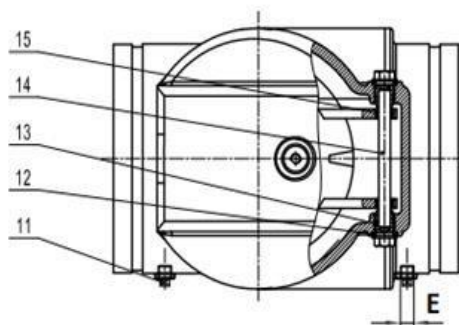
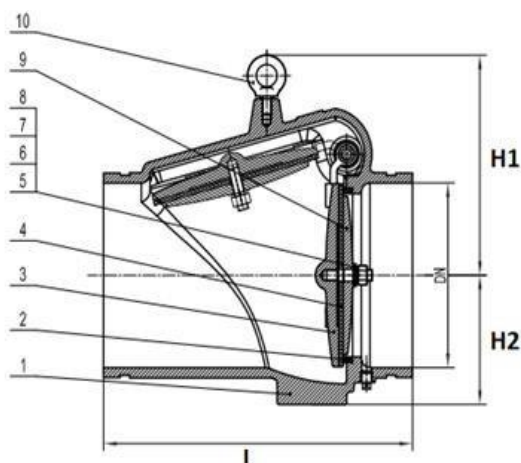


DI Body +SS304+EPDM, Bronze seated ,365PSI, AWWA C606, RAL3002 Coating



SIZE	L	H1	H2	E
2"	169	80	63	14"
2.5"	203	85	67.5	1/4"
3"	213	93	74.5	1/4"
4"	245	103	87	1/4"
6"	292	140	110	14"
8"	356	237	136.5	1/4"
10"	432	277	161	1/4"
12"	495	309	183.5	1/4"

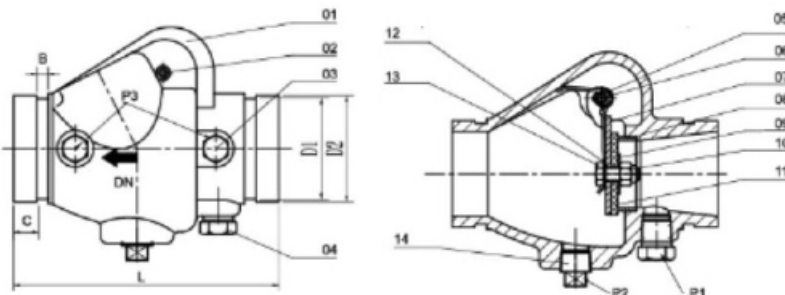
No.	Description	Material
1	Body	DT450
2	Seat	C83600
3	Disc	QT450
4	Seal ring	EPDM
5	Full thread stud	SS304
6	Hexagon nut	SS304
7	Spring washer	SS304
8	Plain washer	SS304
9	Disc retainer	SS304/QT450
10	Eyebolt 18" 10" 12"	SS304
11	Plug	SS304
12	Plug the gasket	EPDM
13	Shaft hole plug	55304
14	Shaft	SS304
15	Bushing	c6300



350psi – RG resilient swing

rgc-001-AP

350psi – Grooved resilient swing



model	RGC-001-AP
Nominal pressure	350psi
groove standard	metric
sizes	2", 2.5", 3", 4", 6", 8", 10", 12"
maximum working pressure	350psi (maximum testing pressure: 700psi) conforms to ul312 & fm class 1210
maximum working temperature	80°C / 176°F

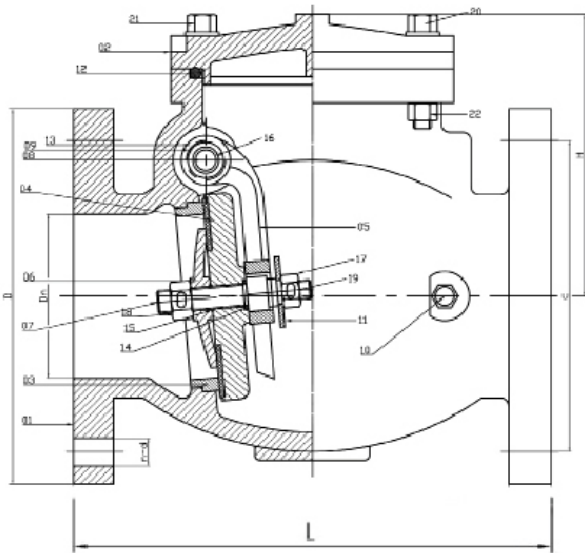
material list			
No.	part	standard specification	options
01	Valve body	ductile iron	ASTM A536 65-45-12
02	bolt	steel 1045	ASTM A29
03	plug	steel 1045	ASTM A29
04	plug	steel 1045	ASTM A29
05	spring	stainless steel 304	ASTM A276
06	hinge pin	stainless steel 304/ductile iron	ASTM A276/ASTM A536 65-45-12
07	clapper	stainless steel 304	ASTM A276
08	seal	C95400	ASTM A148
09	clamping ring	stainless steel 304	ASTM A276
10	lock nut	stainless steel 304	ASTM A276
11	facing seal	epdm	ASTM D2000
12	gasket	epdm	ASTM D2000
13	bolt	stainless steel 304	ASTM A276
14	plug	steel 1045	ASTM A29

model	Inch	L	D1	D2	B	C
RGC-050-AP	2"	169	57.15	60.3	7.95	15.88
RGC-065-AP	2.5"	181	69.09	73	7.95	15.88
RGC-080-AP	3"	198	84.94	88.9	7.95	15.88
RGC-100-AP	4"	214	110.08	114.3	9.53	15.88
RGC-150-AP	6"	270	160.78	165.1	9.53	15.88
RGC-200-AP	8"	325	214.4	219.1	11.13	19.05
RGC-250-AP	10"	457	268.3	273.0	12.70	19.05
RGC-300-AP	12"	535	318.3	323.9	12.70	19.05

300PSI FLANGED END SWING CHECK VALVES

FCV-100 → FCV-200

SWING CHECK VALVE



MATERIAL LIST

PART	SPECIFICATION
1 BODY	ASTM A536 65-45-12
2 BONNET	ASTM A536 65-45-12
3 SEAT RING	ASTM A148 C95400
4 DISC	ASTM A536 65-45-12
5 ROCKER ARM	ASTM A536 65-45-12
6 BAFFLE PLATE	ASTM A148 C95400
7 MIDDLE PLATE	ASTM A276 SS304
8 PINNED STEM	ASTM A276 SS304
9 BRACKET SCREW	ASTM A351 SS304
10 PLUG	ASTM A148 C95400
11 GASKET	ASTM A276 SS304
12 O-RING (LARGE)	ASTM D2000 EPDM
13 O-RING (FOR BRACKET SCREW)	ASTM D2000 EPDM
14 O-RING (FOR MID STEM)	ASTM D2000 EPDM
15 O-RING (FOR MID STEM SMALL)	ASTM D2000 EPDM
16 BRONZE BUSHING	POWDER METALLURGY
17 SS304 OUTER HEXAGON NUT M12	ASTM A276 SS304
18 SS304 OUTER HEXAGON NUT M12	ASTM A276 SS304
19 SS304 COTTER PIN 4X55	ASTM A276 SS304
20 "M12X60 ZINC OUTER HEXAGON BOLT (HALF THREAD)"	ASTM A194 2H STEEL
21 "M12X60 ZINC OUTER HEXAGON BOLT (FULL THREAD)"	ASTM A194 2H STEEL
22 M12 ZINC OUTER HEXAGON NUT	ASTM A194 2H STEEL

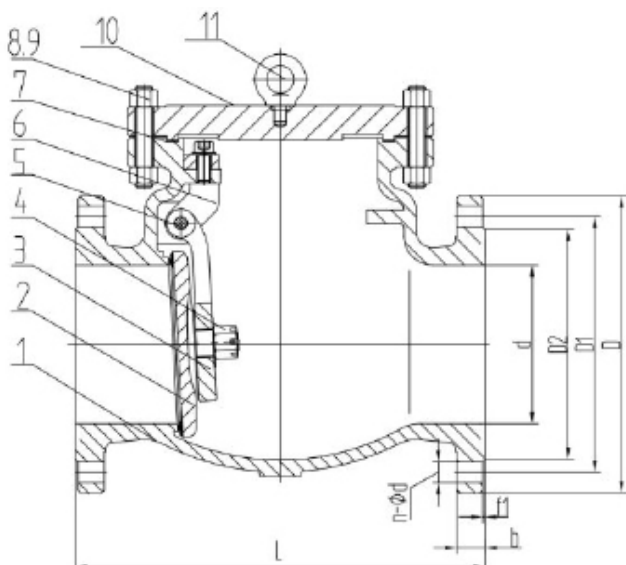
DIMENSION - WEIGHTS - QUANTITIES

SIZE	Dn	L	D	c	n-d	H
4"	100	292	229	190.5	8-ø19	172
6"	152	356	279	241.5	8-ø22	233
8"	204	495	343	298.5	8-ø22	301

- DESIGN STANDARD: AWWA C508
- NOMINAL PRESSURE: 300PSI
- FLANGE STANDARD: ASME/ANSI B16.1 CLASS 125 OR ASME/ANSI B16.42 CLASS 150 OR BS EN 1092-2 PN16 OR GB/T9113.1
- EPOXY RESIN COATING BOTH INSIDE AND OUTSIDE THE BODY
- TABLE E DRILLING

ACV-100 → ACV-150

API ANSI SWING CHECK VALVE



STANDARDS

DESIGN AND MANUFACTURE	BS1868, ANSIB16.34
FACE TO FACE	ANSIB16.10
FLANGE END	ANSIB16.5
INSPECTION	API598
PRESSURE TEMP RATING	ANSIB16.34

MATERIAL LIST

PART	MATERIAL
1 BODY	A216 WCB*13Cr
2 DISC	A216 WCB*13Cr
3 ARM	A216 WCB
4 NUT	A194 WCB
5 PIN	1035
6 YOKE	A216WCB
7 GASKET	METAL SPIRAL
8 NUT	A194 2H
9 BOLT	A193 B7
10 BONNET	A216 WCB
11 LIFTING LUG	1035

TEST PRESSURES

TEST ITEM	SHELL TEST	SEAL TEST	BACK SEAL TEST	AIR SEAL TEST
MEDIUM(MPa)		WATER(MPa)		AIR(MPa)
PRESSURE (CLASS) 300	7.8	5.6	5.6	0.5-0.7

DIMENSION - WEIGHTS - QUANTITIES

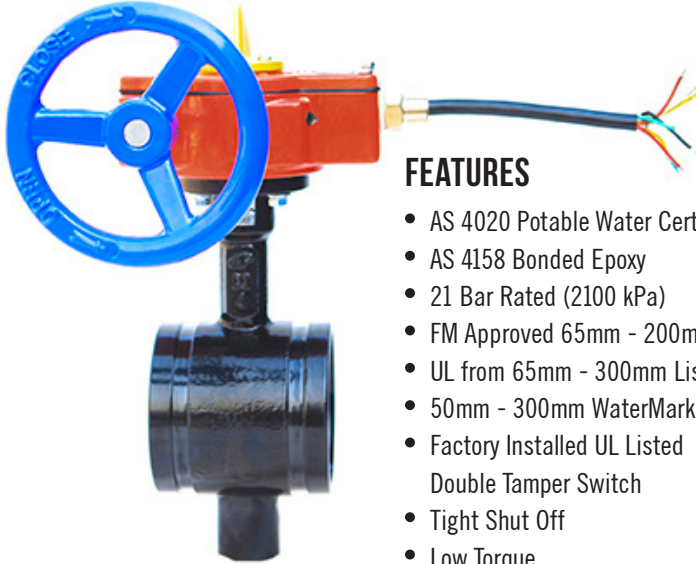
CODE	SIZE	d	L	D	D1	D2	b	f1	n-ød
ACV-100	100mm	102	356	255	200	157.2	32.2	2	8-ø22.5
ACV-150	150mm	152	444	320	269.9	215.9	37	2	12-ø22.5

300PSI - GROOVED TYPE BUTTERFLY VALVE

UL LISTED FM APPROVED

BVG-001

300PSI - GROOVED TYPE BUTTERFLY VALVE



FEATURES

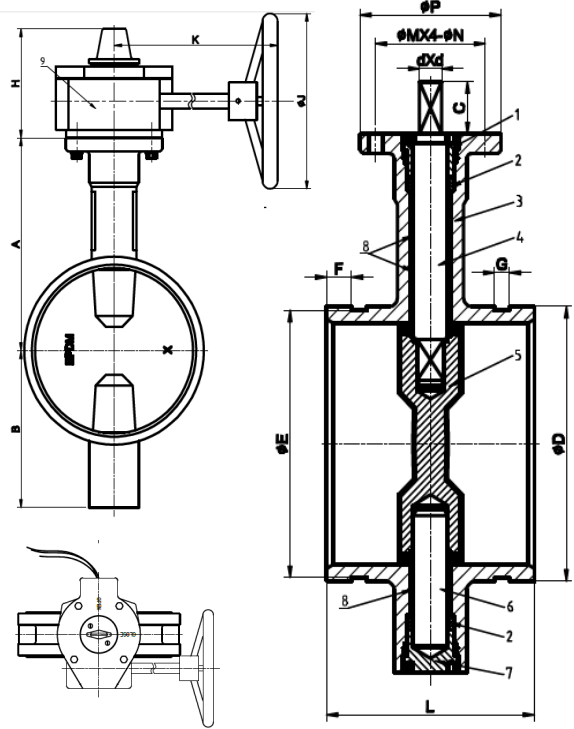
- AS 4020 Potable Water Certified
- AS 4158 Bonded Epoxy
- 21 Bar Rated (2100 kPa)
- FM Approved 65mm - 200mm
- UL from 65mm - 300mm Listed
- 50mm - 300mm WaterMark
- Factory Installed UL Listed Double Tamper Switch
- Tight Shut Off
- Low Torque
- Grooved Ends
- Resilient Seal
- Gear operated (Standard)
- Monitored Class B
- Waterproof Casing

TECHNICAL DATA


























- Code VGBFHP-W-(size OD)-GEAR
- Size Range 2 inch to 12 inch
- Working Pressure: 300 psi (PN21)
- Test Pressure: 600 psi
- Face to Face MSS SP-67-2002
- Temperature Range -20°to 110°C
- Max Working Temp 120°C
- End Connections Grooved Ends
- Pressure Test FM1112/UL1091
- Coating Fusion Bonded Epoxy
- Certifications WaterMark, AS 4020, AS 4158



UL1091



Body	ASTM A-536 Nylon 11 coated
Disc	ASTM A-536 EPDM encapsulated
Upper & Lower Stems	SS416
Worm Gear Shaft	SS416
Housing	ASTM A-536
Hand Wheel	ASTM A-536
Flag Indicator	ASTM A-536
Shear Pin	ASTM1045
Segment Gear	ASTM A-536
Housing Gasket	EPDM Grade E
O-Rings (All)	EPDM Grade E

	D I M E N S I O N																	
	MODEL	SIZE	A	B	C	D	E	F	G	H	K	J	P	M	N	D	L	WEIGHT
	BVG-001-050	50	110	85	32	60.3	57.2	15.9	7.9	111.0	153	152	90	70	9	10	88	8.00
  	BVG-001-065	65	125	95	32	$\frac{73}{76.1}$	72.3	15.9	7.9	111	153	152	90	70	9	10	96.4	8.20
  	BVG-001-080	80	140	100	32	88.9	84.9	15.9	7.9	111	153	152	90	70	9	11	97	8.90
  	BVG-001-100	100	160	100	32	114.3	110.1	15.9	9.5	111	153	152	90	70	9	14	115.1	10.10
  	BVG-001-150	150	190	140	32	$\frac{165.1}{168.3}$	160.9	15.0	9.5	111	153	152	90	70	9	16	132.4	15.90
  	BVG-001-200	200	230	175	32	219.1	214.4	19	11.1	126	210	300	125	102	12	19	147.4	31.00
	BVG-001-250	250	260	200	45	273	268.3	19	12.7	126	210	300	125	102	12	22	159	39.00
  	BVG-002-250	250	SIZE 250mm IS ALSO AVAILABLE IN Watermark FM/UL   															
 	BVG-001-300	300	300	240	45	324	318.3	19	12.7	161	252	350	150	125	14	24	165	76.00

LUGGED BUTTERFLY VALVE

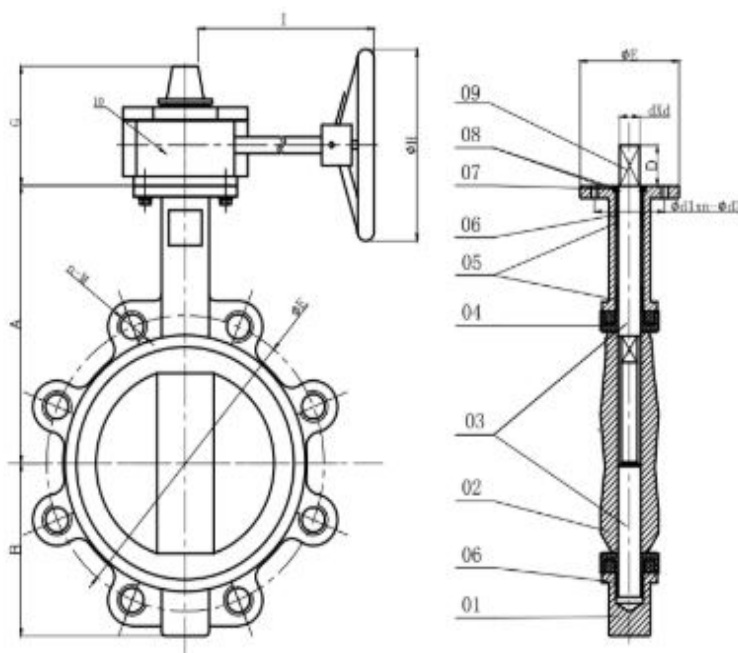
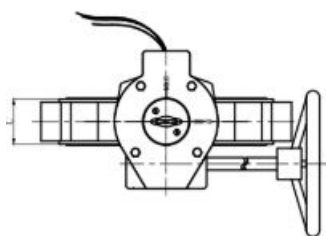
TYPE B MONITORING GEAR OPERATED

LUG-001

LUGGED BUTTERFLY VALVE



Part	Material
1 Body	GGG40
2 Disc	CF8M
3 Shaft	SS316
4 Seat	EPDM
5 Axle Sleeve	PTFE
6 O Type Ring	NBR
7 Gasket	HB62
8 Circlip	65MN
9 Key	45#



PRODUCT CODE	SIZE	DIMENSIONS				
		A	B	C	D	F
LUG-001-080	3"	181	104	45	32	90
LUG-001-100	4"	183	107	52	32	90
LUG-001-150	6"	219	144	56	32	90
LUG-001-200	8"	260	186	60	32	125

LUGGED BUTTERFLY VALVE

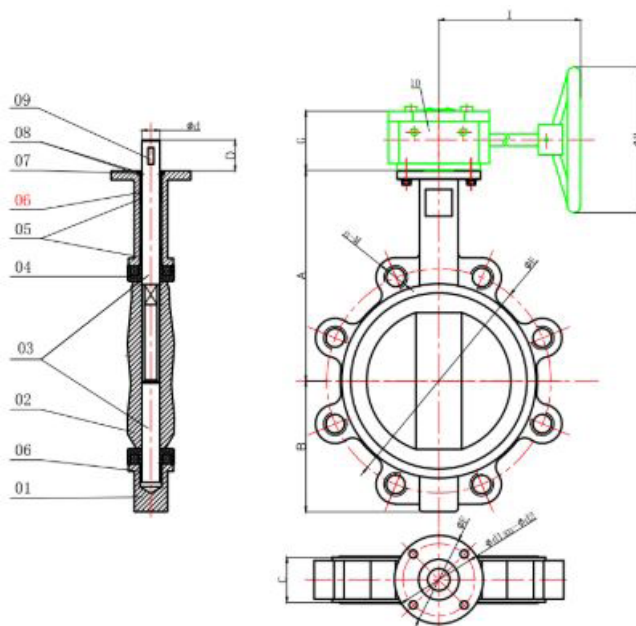
GEAR OPERATED

LUG-002

LUGGED BUTTERFLY VALVE



	Part	Material
1	Body	GGG40
2	Disc	CF8M
3	Shaft	SS316
4	Seat	EPDM
5	Axle Sleeve	PTFE
6	O Type Ring	NBR
7	Gasket	HB62
8	Circlip	65MN
9	Key	45#



PRODUCT CODE	SIZE	DIMENSIONS				
		A	B	C	D	F
LUG-002-080	3"	181	104	45	32	90
LUG-002-100	4"	183	107	52	32	90
LUG-002-150	6"	219	144	56	32	90
LUG-002-200	8"	260	186	60	32	125

Butterfly Valve RG (Brass)

BRB

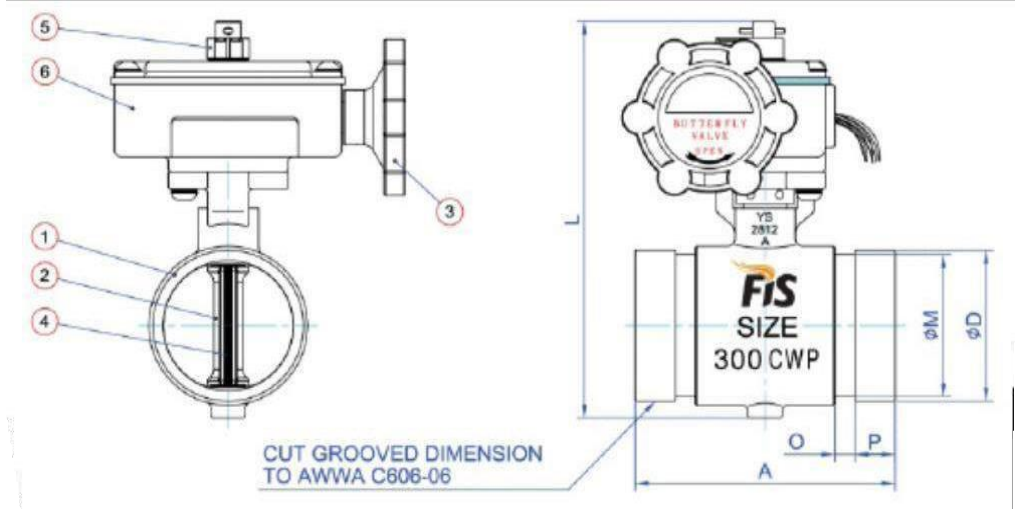
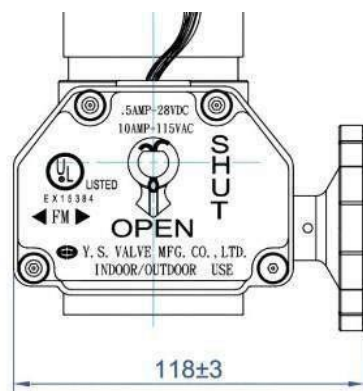
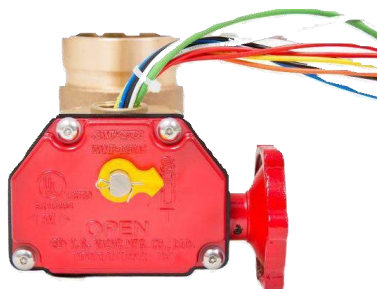
Butterfly Valve RG (Brass)



dimensions		
Code	Size	Length
BRB-032	32mm	96mm ± 1
BRB-040	40mm	102mm ± 1
BRB-050	50mm	108mm ± 1



Material list			
No	Part name	Material	Qty
1	body	bronze ASTMc83600	1
2	disc	SS-304	2
3	handwheel	ductile iron ASTM a536	1
4	disc seat	Viton	1
5	indicator	powder metal	1
6	housing	forged brass	1
7	Pressure	300PSI Working Pressure	



Butterfly Valve RG



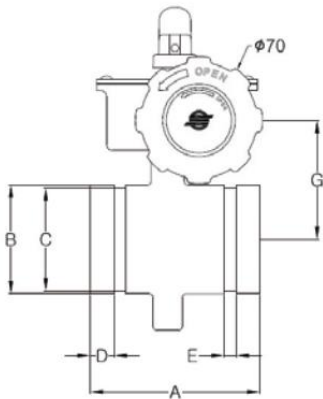
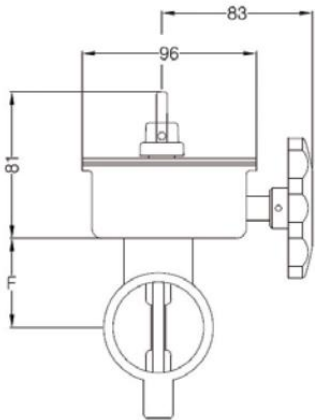
BRB -175
Butterfly Valve RG



dimensions		
Code	Size	Length
BRB-175-050	50mm	114mm
BRB-175-065	65mm	114mm

Working Pressure : 175PSI
Temperature : ~ 120C
In-Built : Type B monitoring

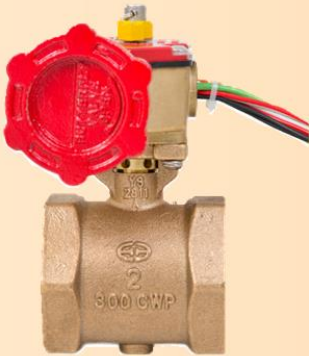
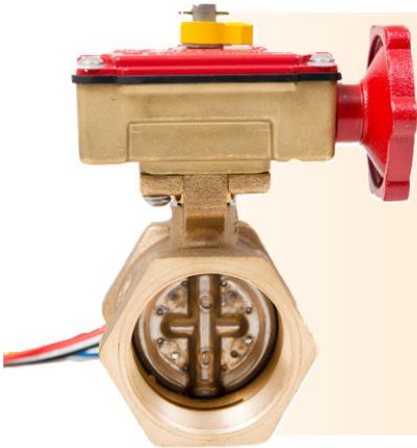
Material list		
No	Part name	Material
1	Body	Bronz - Brass
2	Disc	Bronz EPDM Encapsulated
3	Handwheel	ASTM A619
4	Stem	ASIS 410
5	Signal Gearbox	ASTM A619
6	O-Ring	EPDM



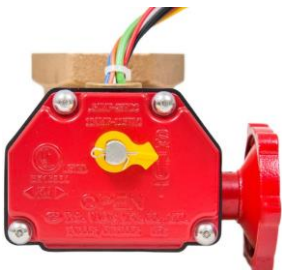
Butterfly Valve screwed (brass)

BSB

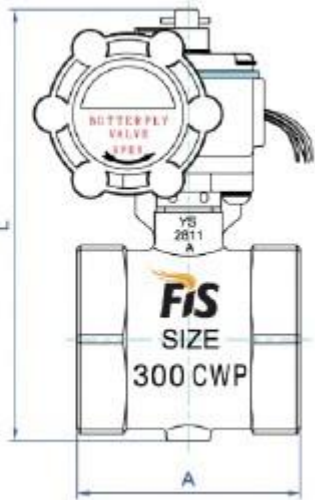
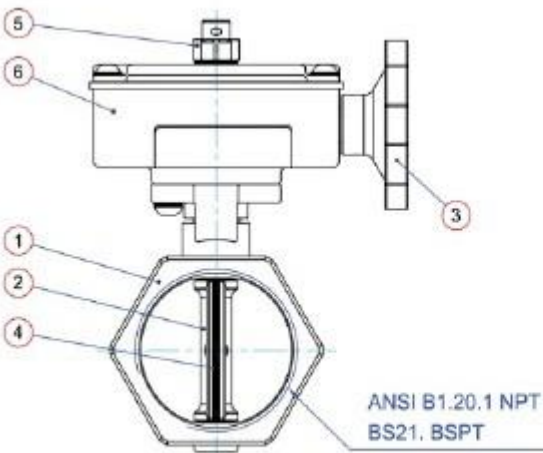
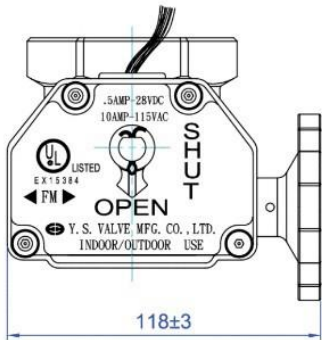
50mm Butterfly Valve screwed (brass)



DIMENSIONS		
SIZE	A=1	L=3
1"	54	125
2"	82.6	159.8



material list			
no	part name	material	q'ty
1	body	bronze ASTM c83600	1
2	disc	SS-304	2
3	handwheel	ductile iron ASTM a536	1
4	disc seat	viton	1
5	indicator	powder metal	1
6	housing	forged brass	1
7	Pressure	300PSI Working Pressure	



Butterfly Valve Threaded

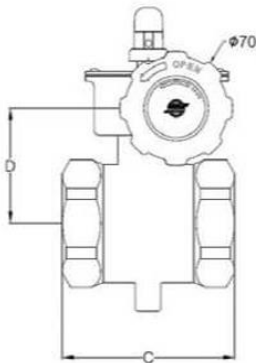
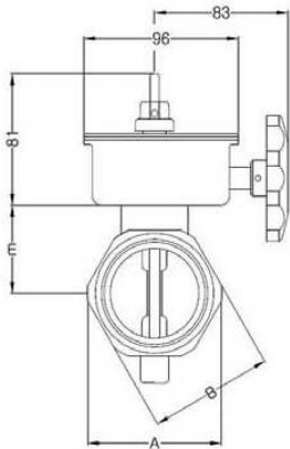
BSB-175
Butterfly Valve Threaded



dimensions		
Code	Size	Length
BSB-175-032	32mm	67mm
BSB-175-040	40mm	73mm
BSB-175-050	50mm	82.4mm

Working Pressure : 175PSI
Temperature : ~ 120C
In-Built : Type B monitoring

Material list		
No	Part name	Material
1	Body	Bronz - Brass
2	Disc	Bronz EPDM Encapsulated
3	Handwheel	ASTM A619
4	Stem	ASIS 410
5	Signal Gearbox	ASTM A619
6	O-Ring	EPDM



Residential Control Valve Assembly - Panel

RCA -001

Residential Control valve Panel

FEATURES

- The assembly unit, which comprises high quality valve components, is tailored for easy installation and maintenance.
- The unit is assembled on a panel and includes a sturdy bracket to facilitate easy installation.
- Professionally pre-assembled and factory tested.
- Reduced installation time and ease of maintenance.
- Hydrostatic pressure tested before delivery to 2100 KPa for 5.
- Comes with or without Auto drain Option, Panel Mounted.
- Each comes in 50mm and 65mm.

CONSTRUCTION

- Main Stop Valve: Bronze Butterfly valve with Tamper switch, UL/FM Approved.
- Riser Check Valve: Soft Seat check valve-epoxy coated ductile iron.
- Test & Drain Valve: Brass with option for test and drain, UL/FM Approved.
- Flow Switch: Shield Model UL FM approved.
- Solenoid valve: Brass Body, UL Approved
- Pipe Work: Roll grooved pipe hot dipped UL/FM approved couplings.
- Pressure Gauge: Two high quality glycerin filled gauges showing mains and system pressure at 0/2500 Kpa
- Panel: Available in Aluminum, Electro-galvanized Sheet and Stainless Steel. Off-white powder coated finish with other finishes available upon request.
- Adaptors are available to connect to different pipe sizes and types.
- All components are available and can be supplied ex-stock.
- Components meet Australian Standards

SERVICING

- Each Section can be dismantled by authorized personnel. Components can be removed and replaced or serviced on site.
- Advise the local authority that the system is being shut down for servicing.
- Dismantling of electrical connections should be performed by qualified personnel.
- Shut down water supply from my supply.
- Shut down monitored valve from panel. Dismantle the roll groove coupling or the mechanical tee to test and drain. The couplings can be re-used take care when removing.
- Drain down water from system at test and drain valve.



INSTALLATION

- Incoming and outgoing pipe connections are roll grooved mechanical couplings.
- The panel can be fitted between the wall studs or surface mounted. The authority having jurisdiction may require the panel to be located in a highly visible position.
- Water pressure and flow rates should be confirmed as adequate. The test and drain line must be piped to waste. Electrical connections to be installed and tested by authorized personnel.

RCA -002

Control valve with cabinet



FEATURES

- Security Lockable cabinet door is fitted with a 003 Fire Industry common key and break glass key holder. Service book holder incorporated in door.
- Provision for six spare sprinkler heads with cabinet.
- The assembly unit, which comprises high quality valve components, is tailored for easy installation and maintenance.
- The unit is housed in a lockable cabinet consisting of a pin hinged door that can be re-moved to facilitate easy access for service and installation.
- Hydrostatic pressure tested before delivery to 2100 kPa for 5 Minutes.
- Each comes in 50mm and 65mm.



CONSTRUCTION

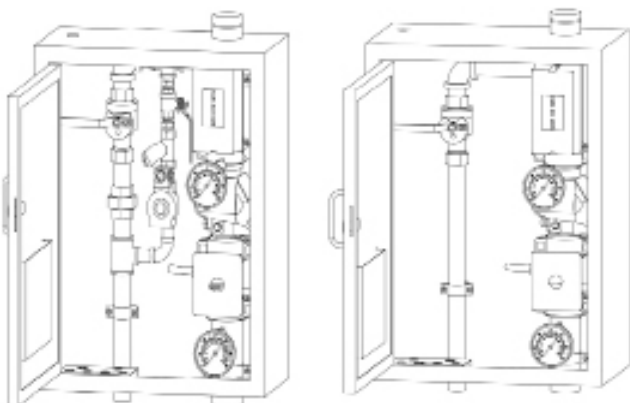
- Main Stop Valve: Bronze Butterfly valve with Tamper switch, UL/FM
- Riser Check Valve: Soft Seat check valve- epoxy coated ductile iron.
- Test & Drain Valve: Brass valve with option for test and drain, UL/FM
- Flow Switch: Shield Model UL FM approved.
- Solenoid valve: Brass Body, UL Approved
- Pipe Work: Roll grooved pipe hot dipped UL/FM approved couplings.
- Pressure Gauge: Two high quality glycerin filled gauges showing mains and system pressure at 0/2500 Kpa
- Cabinet: Available in Aluminum, Electro galvanized Sheet and Stainless Steel. Off-white powder coated finish with other finishes available.
- Adaptors are available to connect to different pipe sizes and types.
- All components are available and can be supplied ex-stock.
- Components meet Australian Standards

SERVICING

- Each Section can be dismantled by authorized service personnel should any service be required. Components requiring service can be removed and replaced or serviced on site.
- Advise the local authority that the system is being shut down for servicing.
- Dismantling of electrical connections should be performed by qualified personnel.
- Shut down water supply from my supply.
- Shut down monitored valve from cabinet. Dismantle the roll groove coupling or the mechanical tee to test and drain. The couplings can be re-used take care when re-moving.

INSTALLATION

- Incoming and outgoing pipe connections are roll grooved mechanical couplings. Various adaptors are available to connect to different pipe sizes and pipe types.
- Cabinet can be fitted between the wall studs or surface mounted.
- The authority having jurisdiction may require the cabinet to be located in a highly visible position.
- Water pressure and flow rates should be confirmed as adequate.



Dry Pressure Gauge

PGD-012

PGD-013

Pressure gauge 100mm Face

AS/NZS 1349:1986

License No.
AMI 74976



Details

- Phosphor Bronze Bourbon Tube
- Dual Scale PSI & KPA
- 1.0% Accuracy
- AS/NZS 1349:1986
- Temperature range -40° to 70°
- Bronze Connection Stem,
- Centre Back & Panel Clamp
- American Standard ASME B40.1

100MM face

MODEL	Pressure
PGD-012	0 - 1600 KPA
PGD-013	0 - 2500 KPA

Applications Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts, specially designed for difficult ambient conditions of use, as the rear vibrations or quick changes of pressure, also useful for adverse ambient.

Applications for 111AL

- > Used for pneumatic systems.
- > Compressors, compressed air system
- > Suitable for fluid medium which does not clog connection port or corrode copper alloy.

Case	Black Steel (Black Painting Steel)
Ring	Black Steel (Black Painting Steel)
Window	Glass
Socket & Connection	Brass
Movement	Brass
Bourbon tube	Brass
Pointer and dial	Aluminum
THREAD	3/8 Inch BSP (10mm)
ACCURACY	+/- 1.0%

Operating temperature

Ambient/MEDIA	-40°C to 70°C
----------------------	---------------

Oil filled pressure Gauge.



100mm glycerin pressure gauges come in a variety of pressures.

PGO -001 PGO-007

Pressure gauge 100mm face

AS/NZS 1349:1986
License No.
AMI 74976



Details

- Stainless Steel Case & Bezel
- Phosphor Bronze Bourdon Tube
- Dual Scale PSI & KPA
- Accuracy $\pm 1.0\%$
- AS/NZS 1349:1986
- Temperature range 5°C to 55°C
- Bronze Connection
- Stem, Centre Back & Panel Clamp
- American Standard ASME B40.1

AS/NZS 1349:1986
License No. AMI 74976

MODEL	Kpa Pressure
PGO-001	0 – 1600 kpa
PGO-002	0 – 2500 kpa
PGO-003	0 – 4500 kpa
PGO-004	Compound gauge -100/150 kpa
PGO-005	Compound gauge -100/1100 kpa
PGO-006	Compound gauge -100/1600 kpa
PGO-007	Compound gauge -100/2500 kpa
*PGO-015	0-2500 KPA threaded 15 mm

Applications

Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts, specially designed for difficult conditions of use, as there are vibrations quick change of pressure, also useful for adverse ambient.

Applications for 115AL

- > Used for hydraulic and pneumatic systems.
- > Compressors, compressed air system
- > Suitable for fluid Medium which does not clog connection port or brass.
- > Provides a protection from vibration & pulsation.

Case	304 Stainless steel, polished
Ring	304 Stainless steel, polished
Window	Polycarbonate
Socket & Connection	Brass
Movement	Brass
Bourbon tube	Brass
Pointer and dial	Aluminum
thread	3/8 inch bsp (10mm)
*threaded only for PGO-015	1/2 inch bsp (15mm)
accuracy	1.0%

Operating temperature

Ambient/media -5°C to 55°C

Oil filled pressure Gauge



PGB-008 → PGB-300

63MM & 50MM face

AS/NZS 1349:1986
License No.
AMI 74976



details

- Comes in 50mm face and 63mm face
- Pressure gauges are glycerine filled
- Gauges come in bottom or rear entry 8mm thread or 10mm
- American Standard ASME B40.1

AS/NZS 1349:1986 License No. AMI 74976

63mm face

MODEL	Pressure
PGB-008	Ø - 2500 Kpa Bottom entry threaded 8 mm
PGR-009	Ø - 2500 Kpa Rear entry threaded 8 mm
PGR-016	Ø - 2500 Kpa Rear entry threaded 10 mm
PGB-013	Ø - 2500 Kpa Bottom entry threaded 10 mm

50mm face

MODEL	Pressure
PGB-010	Ø - 2500 Kpa Bottom entry threaded 8 mm
PGR-011	Ø - 2500 Kpa Rear entry threaded 8 mm
PGB-012	Ø - 800 Kpa Rear entry threaded 8 mm
PGB-300	Ø - 300 Kpa Rear entry threaded 8 mm

Applications for 115AL

- > Used for hydraulic and pneumatic systems.
- > Compressors, compressed air system
- > Suitable for fluid medium which does not clog connection port or brass.
- > Used for providing protection from vibration & pulsation.

Case	304 Stainless steel , polished
Ring	304 Stainless steel , polished
Window	Polycarbonate
Socket & Connection	Brass
Movement	Brass
Bourbon tube	Brass
Pointer and dial	Aluminum
Thread	(8mm) or (10mm PGR-016 & PGB-013)
Accuracy	1.0 %
filling	Glycerin
operating temperature	ambient/media -5°C to 55°C

Applications

Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts, specially designed for difficult conditions of use, as there are vibrations or quick change of pressure, also useful for adverse ambient.

Rising Stem Flanged joint Ends Resilient Wedge Gate Valves



AS/NZS 2638.2
License No.
WM 74625
ApprovalMark



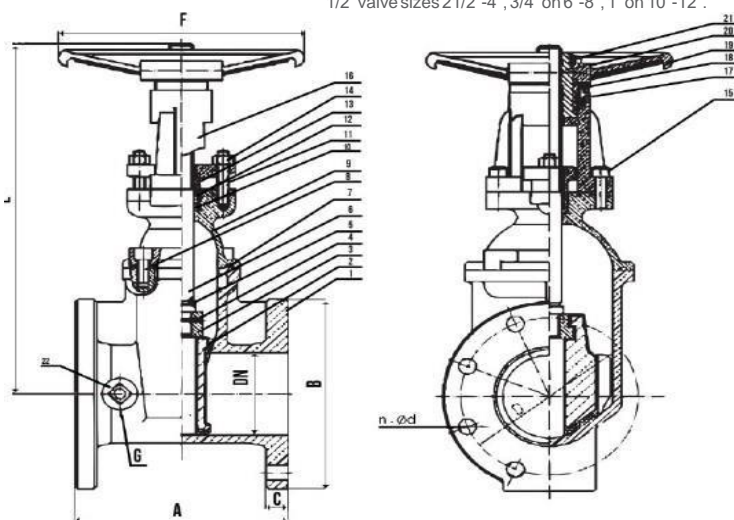
OSY -F01

flanged

- Fire Protection Valve - Outside Screw and Yoke - Resilient Wedge - Epoxy Coated Interior / Exterior - Pre-Grooved Stem for Supervisory Switch - Drilled, Tapped and Plugged at Boss Location A**
- 300PSI Size 2.5" to 10"
250PSI Size 12" only
- Non-Shock Cold Working Pressure (160°F / 71°C max. operating temperature)
- CONFORMS TO AWWA C509
AS 4020 Potable Water Certified
- flange ends conform to ASME b16.1
- class 125
- table e flange
- 65mm (2.5") only comes in FM & UL

internal polymeric bonded coating as per AS/NZS 4158
Freezing weather precaution: subsequent to testing a piping system

Drilled, tapped and plugged at Position A with
1/2" valve sizes 2 1/2"-4", 3/4" on 6"-8", 1" on 10"-12".



WRAS
Water Regulations Advisory Scheme



MATERIALLIST

PART	SPECIFICATION
1 Valve Body	Ductile Iron ASTMA 536
2 wedge	Ductile Iron ASTM A 536+EPDM
3 WedgeNut	cusn5zn5pb5 Bronze ASTM B 584
4 DowelPin	Stainless Steel ASTMA 276
5 o-ring	epdm rubber astm d2000
6 stem	bronze C61400 non corrosive material/ 304 stainless
7 bonnetgasket	rubber astm d2000
8 socketheadcapscrew	csastm a307/SS304
9 bonnet	ductile iron astm a 536
10 stuffing	Bronze ASTM a 536
11 threaded	cs astm a307
12 stuffingbushing	bronze astm b584
13 stuffinggland	ductile iron astm a 536
14 nut	stainless steel ss304
15 socket head cap screw	cs din 9021b/SS304
16 yoke	ductile iron astm a 536
17 flatheadscrew	cs astm A307
18 yokebushretainer	gray iran astm a126-b
19 handwheel	ductile iron astm a 536
20 stemnut	cusn5zn5pb5 bronze astm b 584
21 handwheelnut	cs astm a194-2h/SS304 stainless
22 pipe plug	malleable iron asme b16.14

an open position to allow complete drainage

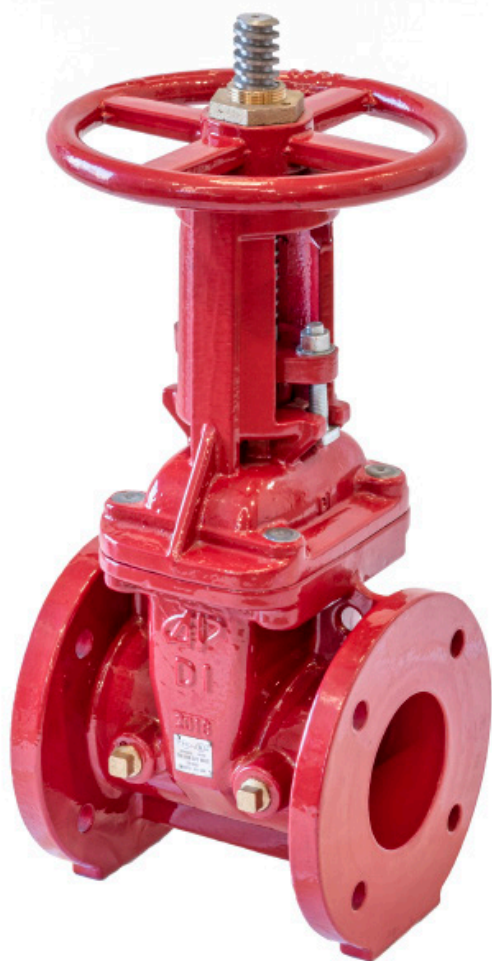
dimension - weights - quantities

Size	A	B	C	D	open	close	N	Φd	f	turns to open	weight
In mm	In mm	In mm	In mm	In mm	In mm	In mm		In mm	In mm		lbs kg
2.5" 65	7.5 190	7 178	0.69 17.5	5.5 140	18.8 478	16.2 411	4	0.71 18	7.87 200	8.1	47 21.2
3" 80	7.99 203	7.52 191	0.75 19	5.75 146	20.3 515	17.1 434	4	0.71 18	7.87 200	10	51 21.3
4" 100	9 229	9.02 229	0.94 24	7.00 178	22.1 562	18.2 462	8	0.71 18	10.24 260	10	76 34.6
4" 100	Also available in table D, refer to page 8										
6" 150	10.5 267	11 279	1 25.4	9.25 235	29.4 747	23.5 597	8	0.87 22	12.4 315	15	134 61
8" 200	11.5 292	13.5 343	1.13 28.6	11.50 292	36.8 934	28.6 727	8	0.87 22	14.76 375	16.7	226 102.5
10" 250	12.99 330	15.98 406	1.19 30.2	14.02 356	45.2 1147	35.1 891	12	0.87 22	16.38 416	20.8	329 149.5
12" 300	14 356	19 483	1.26 32	15.98 406	52.2 1326	40.2 1020	12	1.02 28	17.5 445	25	487 221.2

300PSI - RISING STEM FLANGED JOINT ENDS RESILIENT WEDGE GATE VALVES - TABLE D

OSY-TBD -100

TABLE D



MATERIAL LIST

PART		QUANTITY	
1	GASKET	1	C95400
2	BONNET	1	DI
3	PACKING	3	GRAPHITE
4	DISC	1	EPDM+DI
5	BODY	1	DI
6	SEALING RING	1	EPDM
7	BOLT	4	STEEL
8	GLAND	1	DI
9	NUT	2	STEEL
10	FLAT WASHER	2	STEEL
11	BOLT	2	STEEL
12	SPRING WASHER	2	STEEL
13	HANDWHEEL	1	DI
14	LOCK NUT	1	C95400
15	LOCATING SCREW	1	S.S.304
16	STEM	1	S.S.304
17	STEM NUT	1	C95400
18	GASKET	1	C95400
19	PLUG	1	C95400
20	LIFTING NUT	1	CF8M
21	PIN	1	S.S.304
22	SEALING RING	1	EPDM

Rising Stem grooved joint Ends Resilient Wedge GateValves



AS/NZS 2638.2
License No.
WM 74625
ApprovalMark



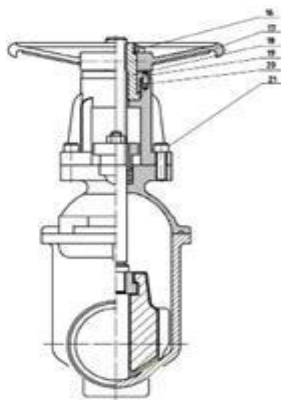
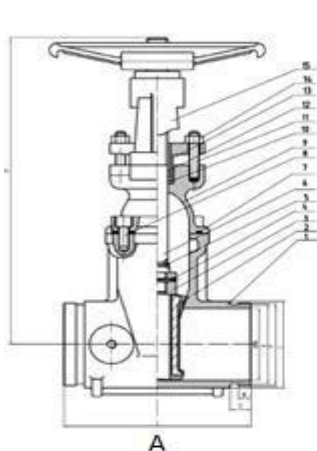
OSY-G01

grooved

- Fire Protection Valve - Outside Screw and Yoke - Resilient Wedge - Epoxy Coated Interior/ Exterior - Pre-Grooved Stem for Supervisory Switch - Drilled, Tapped and Plugged at Boss Location A**
- Outside screw and yoke - Resilient Wedge - Groove x Groove conforms to awwa c509
- AS 4020 Potable Water Certified
- 300PSI Size 2.5" to 10"
- 250PSI Size 12" only
- Non-Shock Cold Working Pressure -
- groove end conform to awwa c606
- 65mm (2.5") only comes in FM & UL

Electrostatically applied fusion-bonded epoxy coated outside per AWWAC-550.

Freezing weather precaution: subsequent to testing a piping system internal polymeric bonded coating as per AS/NZS 4158



MATERIAL LIST

PART	SPECIFICATION
1 Valve Body	Ductile Iron ASTM A 536
2 Wedge	Ductile Iron ASTM A 536+EPDM
3 Wedge Nut	cuSn5zn5pb5 Bronze ASTM B584
4 Dowel Pin	Stainless Steel ASTM A276
5 O-Ring	EPDM rubber ASTM D 2000
6 stem	bronze C61400 non corrosive material/ 304 stainless
7 Bonnet gasket	rubber astm D2000
8 socket head cap screw	cs astm a307/SS304
9 bonnet	ductile iron astm a 536
10 stuffing	rubber astm d2000
11 threaded	cs astm a307
12 stuffingbushing	bronze astm b584
13 stuffing gland	ductile iron astm a 536
14 nut	stainless steel ss304
15 socket head cap screw	cs din 9021 b/ss304°
16 yoke	ductile iron astm a 536
17 flathead screw	cs astm a307
18 yokebushretainer	gray iranastm a126-b
19 Handwheel	ductile iron astm a 536
20 stem nut	cusn5n5pb5 bronze astm b 584
21 handwheel nut	cs astm a104-2h/SS304 stainless

Freezing weather precaution: subsequent to testing a piping system, gate

dimension-weights-quantities

Size	A	B	C	D	open	close	B1	c1	n	Φd	G	turnS	weight
In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm		In mm	In mm	to open	lbs kg
2.5" 65	7.5 190	3 76.1	2.84 72.26	0.31 7.95	0.63 15.88	18.8 478	16.2 411	7 178	0.69 17.5	4	3/4 19	7.87 200	8.1 39 17.6
3" 80	7.99 203	3.5 88.9	3.33 84.5	0.31 7.95	0.63 15.88	20.3 515	17.1 434	7.52 191	0.75 19	4	3/4 19	7.87 200	10 44 19.8
4" 100	9 229	4.5 114.3	4.31 109.6	0.38 9.53	0.63 15.88	22.1 562	18.2 462	9.02 229	0.94 24	8	3/4 19	10.24 260	10 63 28.6
6" 150	10.5 267	6.5 165.1	6.33 160.9	0.38 9.53	0.63 15.88	29.4 747	23.6 597	11 279	1 25.4	8	7/8 23	12.4 315	15 117 53
8" 200	11.5 292	8.6 219.1	8.42 213.8	0.44 11.13	0.75 19.05	36.8 934	28.6 727	13.5 343	1.13 28.6	8	7/8 23	14.76 375	16.7 196 89
10" 250	12.99 330	10.7 273	10.5 267.6	0.5 12.7	0.75 19.05	45.2 1147	35.1 891	15.98 406	1.19 30.2	12	1 26	16.38 416	20.8 311 141
12" 300	14 356	12.8 323.9	12.5 317.5	0.5 12.7	0.75 19.05	52.2 1326	40.2 1020	19 483	1.26 32	12	1 26	17.5 445	25 449 204

300psi - Rising Stem groove/Flange joint Ends Resilient Wedge Gate Valves



AS/NZS 2638.2
License No.
WM 74625
ApprovalMark



OSY -Frg

groove /flange

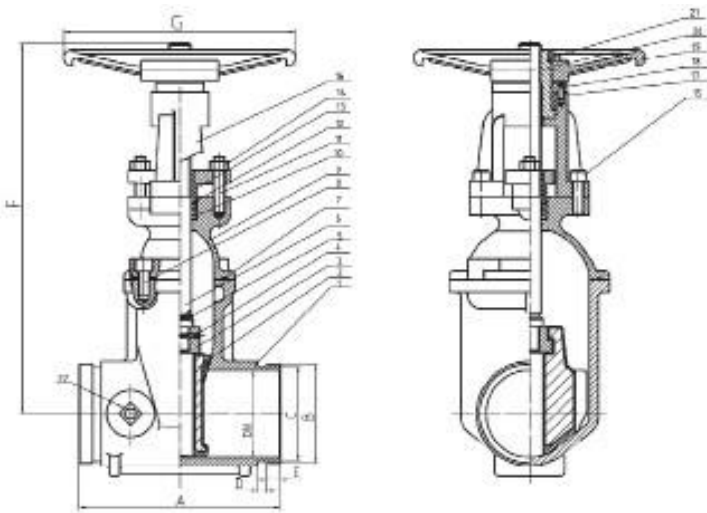
- Asme b16.1 class 125
- 300PSi
- bolted bonnet - non-rising stem -resilient wedge - flanged groove - groove
- groove conforms to AWWA c509
- 250psi/300psi psl bar non-shock cold work- ing pressure
- conforms to awwa c509
- groove ends conform to awwa c606
- groove ends conform to awwa c606
- flange ends conform to asme b16.1 class125

Electrostatically applied fusion-bonded epoxy coated outside per AWWAC-550.

12-ø25

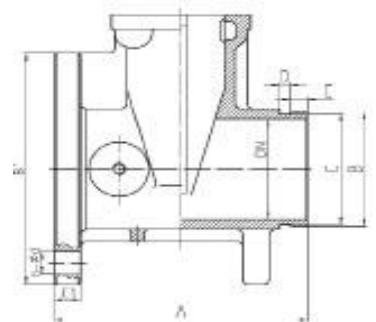
MATERIALLIST

PART	SPECIFICATION
1 ValveBody	Ductile Iron ASTMA 536
2 wedge	Ductile Iron ASTM A 536+EPDM
3 Wedge Nut	cusn5zn5pb5 Bronze ASTM B 584
4 DowelPin	Stainless Steel ASTMA 276
5 o-ring	epdm rubber astm d 2000
6 stem	bronze C61400 or stainless steel ss304
7 bonnet gasket	rubber astm d2000
8 socket head capscrew	cs astm a307
9 bonnet	ductile iron astm a 536
10 stuffing	rubber astm d2000
11 threaded	cs astm a307
12 stuffing bushing	bronze astm b584
13 stuffing gland	ductile iron astm a 536
14 nut	brass astm b16-h02
15 socket head cap screw	cs din 9021 b
16 yoke	ductile iron astm a 536
17 flat head screw	cs astm A307
18 yoke bush retainer	gray iran astm a126-b
19 handwheel	ductile iron astm a 536
20 stem nut	cusn5zn5pb5 bronze astm b 584
21 stem	astm b150 uns c61400 bronze astm b150 uns c61400
22 handwheel nut	cm astm a-194-2h



dimension - weights - quantities

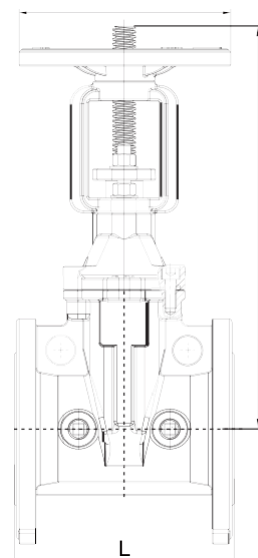
Size	A	B	C	D	E	open	close	b1	c1	n	Ød	g	turns to open	weight kg
100	229	114.3	109.6	9.53	15.88	582	462	229	24	8	19	260	10	28.6
150	267	165.1	160.9	9.53	15.88	747	597	279	25.4	8	23	315	15	53
200	292	219.1	213.8	11.3	19.05	934	934	343	28.6	8	23	375	16.7	89



Flanged OS&Y gate valve

OSY-FAL

365PSI OSY Table E



- Flange table E
- AWWA C515 / BS5163
- Fusion bonded coating AWWA C550
- Temperature: -10°C to 120°C
- Working. Pressure: 365 psi

MATERIALLIST

PART	SPECIFICATION
1 Body	Ductile Iron A536, 65-45-12
2 Bonnet	Ductile Iron A536, 65-45-12
3 Wedge disc	Ductile Iron EPDM Coated
4 STEM	<u>Stainless Steel SS304</u>
5 Disk Nut	Bronze ASTM B62
6 Gasket	EPDM

dimension

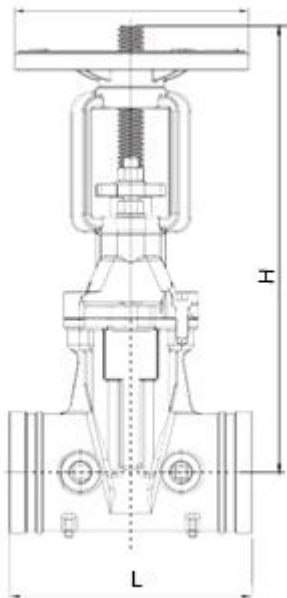
Inch	DN	Psi	Face to Face
3	80	365	203
4	100	365	229
6	150	365	267
8	200	365	292
10	250	365	330

RG OSY Gate Valve



OSY-GAL

365PSI OSY Roll Groove



- Roll Groove AWWA C 606
- AWWA C515 / BS5163
- Fusion bonded coating AWWA C550
- Temperature: -10°C to 120°C
- Working. Pressure: 365 psi

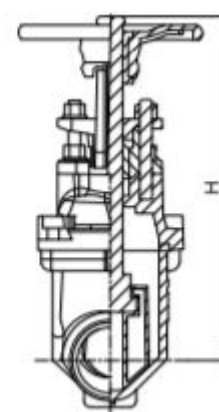
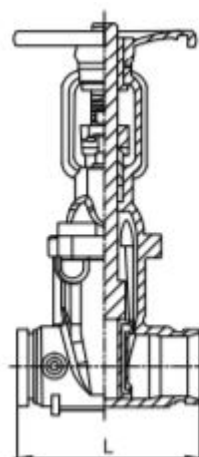
MATERIALLIST	
PART	SPECIFICATION
1 Body	Ductile Iron A536, 65-45-12
2 Bonnet	Ductile Iron A536, 65-45-12
3 Wedge disc	Ductile Iron EPDM Coated
4 STEM	<u>Stainless Steel SS304</u>
5 Disk Nut	Bronze ASTM B62
6 Gasket	EPDM

dimension			
Inch	DN	Psi	Face to Face
3	80	365	203
4	100	365	229
6	150	365	267
8	200	365	292
10	250	365	330

Grooved OS&Y gate valve

Osy-Gov

grooved os&Y Valve



- CERTificate: FM approved, UL 262
- STANDARD: AWWA C515 GROOVED AS
-
-
- CONNECTION: AWWAC606 FACTORY
- TEST: HYDRO TEST 450 **psi** 0°C TO
- TEMPRATURE: 100°C
- W. PRESSURE: 350 **psi**
- SURFACE:EPOXY COATING AS RAL3000

MATERIALLIST

PART	SPECIFICATION
1 Body	Ductile Iron A536, 65-45-12
2 Bonnet	Ductile Iron A536, 65-45-12
3 Resilient wedge disc	Ductile Iron A536, 65-45-12 + EPDM
4 STEM	SS304 / SS420 / ss431
5 Yoke	Ductile Iron A536, 65-45-12
6 Handwheel	Ductile Iron A536, 65-45-12

dimension-weights-quantities

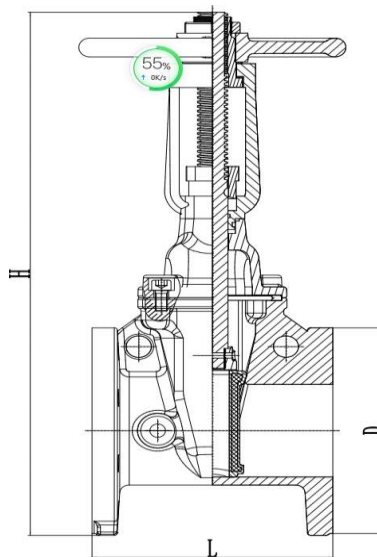
Inch	DN	mm	L	H min (mm)	H min (mm)
2	50	60.3	178	348	400
3	80	88.9	203	408	490
4	100	114.3	229	471	573
6	150	165.1	267	601	755
8	200	219.1	292	774	975
10	250	273	330	1029	1283
12	300	323.8	356	1065	1370

ANV

ANSI Gate Valves



- Certificate: FM Approved
- Standard: AWWA C515
- Connection: Flanged as ASME B16.1
- Test: Factory hydro test 450 psi
- Temperature: 0°C to 100°C
- W. pressure: 300 psi
- Surface: Epoxy coating as Ral3000



Main parts and material

Body	Ductile iron as A536, 65-45-12	Bonnet	Ductile iron as A536, 65-45-12
Resilient wedge disc	Ductile iron as A536, 65-45-12 + EPDM	Stem	SS304 / SS316 / SS420 / SS431
Yoke	Ductile iron as A536, 65-45-12	Handwheel	Ductile iron as A536, 65-45-12

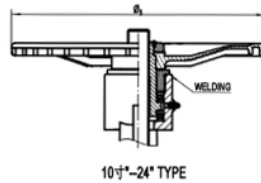
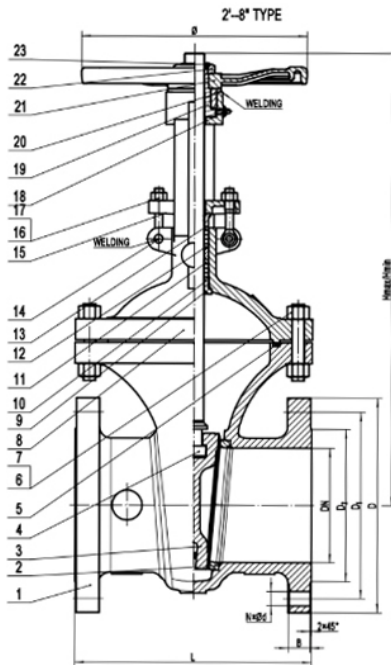
Available sizes

Spec		Pressure	Size				Bolts	Code
Inch	DN	Psi	L	H min	H max	D		
4	100	300	229	580	687	229	8 x 3/4"	C501100
6	150	300	267	770	931	279	8 x 7/8"	C501150
8	200	300	292	930	1136	343	8 x 7/8"	C501200

450PSI API ANSI GATE VALVE

AGV-100 → AGV-150

API ANSI GATE VALVE



MATERIAL LIST

PART	MATERIAL
1 BODY	A216 A216 WCB
2 SEAT	A216 A105
3 DISC	A216 A216 WCB
4 STEM	ASTM A276 T410
5 BONNET GASKET	ASTM A276 304 + GRAPHITE
6 NUT	ASTM A194 2H
7 STUD	ASTM A193 B7
8 BONNET	ASTM A216 WCB
9 BACKSEAT	ASTM A276 410
10 PACKING	RBTN2-600
11 RING	ASTM A276 410
12 PACKING RING	ASTM A276 304 + GRAPHITE
13 PACKING BUSH	ASTM A276 410
14 PIN	35 STEEL
15 PACKING PLATE	A216 A216 WCB
16 BOLT	ASTM A193 B7
17 NUT	ASTM A194 2H
18 OIL CUP	H62
19 STEM NUT	ASTM B146 C95200
20 BEARING GLAND	ASTM A29M 1020
21 HANDWHEEL	ASTM A536 65-45-12

STANDARDS

DESIGN AND MANUFACTURE	AP1600, ANSIB16.34
FACE TO FACE	ANSIB16.10
FLANGE END	ANSIB16.5
INSPECTION	API598
PRESSURE TEMP RATING	ANSIB16.34

TEST PRESSURES

TEST ITEM	SHELL TEST	SEAL TEST	BACK SEAL TEST	AIR SEAL TEST
MEDIUM(MPA)		WATER(MPA)		AIR(MPA)
PRESSURE (CLASS) 300	7.8	5.6	5.6	0.5-0.7

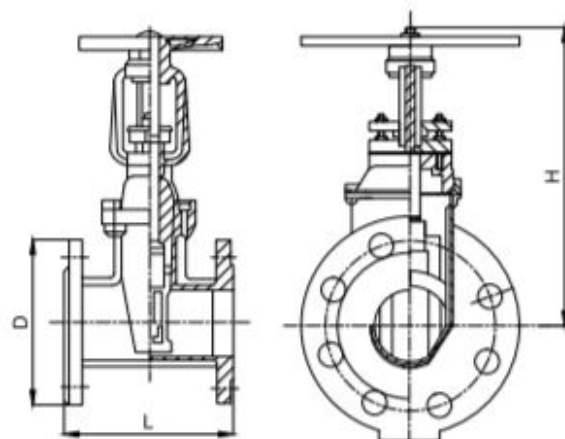
DIMENSION - WEIGHTS - QUANTITIES

SIZE	L	DN	D2	D1	D	n-ød	B	Hmax/Hmin	ø
100MM	305±1.5	ø102	ø157.2	ø200	ø255	8-ø22.5	30.2	619/502	ø280
150MM	403±1.5	ø153	ø215.9	ø269.9	ø320	12-ø22.5	35	826/660	ø360

FLANGED OS&Y GATE VALVE

OSY-FOV

FLANGED OS&Y VALVE



- FLANGE TABLE E
- CERTIFICATE: FM APPROVED
- STANDARD: ASME B16.1
- CONNECTION: FLANGED
- TEST: FACTORY HYDRO TEST 450 psi
- TEMPRATURE: 0°C TO 100°C
- W. PRESSURE: 300 psi
- SURFACE:EPOXY COATING AS RAL3000

MATERIAL LIST

PART	SPECIFICATION
1 BODY	DUCTILE IRON A536, 65-45-12
2 BONNET	DUCTILE IRON A536, 65-45-12
3 RESILIENT WEDGE DISC	DUCTILE IRON A536, 65-45-12 + EPDM
4 STEM	SS304 / SS420 / SS431
5 YOKE	DUCTILE IRON A536, 65-45-12
6 HANDWHEEL	DUCTILE IRON A536, 65-45-12

DIMENSION - WEIGHTS - QUANTITIES

INCH	DN	psi	L	H min (mm)	H max (mm)	D	BOLTS
3	80	300	203	408	490	200	4 X 3/4"
4	100	300	229	471	573	220	8 X 3/4"
6	150	300	267	601	755	285	8 X 7/8"
8	200	300	292	774	975	340	8 X 7/8"
10	250	300	330	939	1193	405	12 X 1"

300PSI-NRS TYPE FLANGED END GATE VALVE

NRS-065 → NRS-300

300PSI NRS GATE VALVE

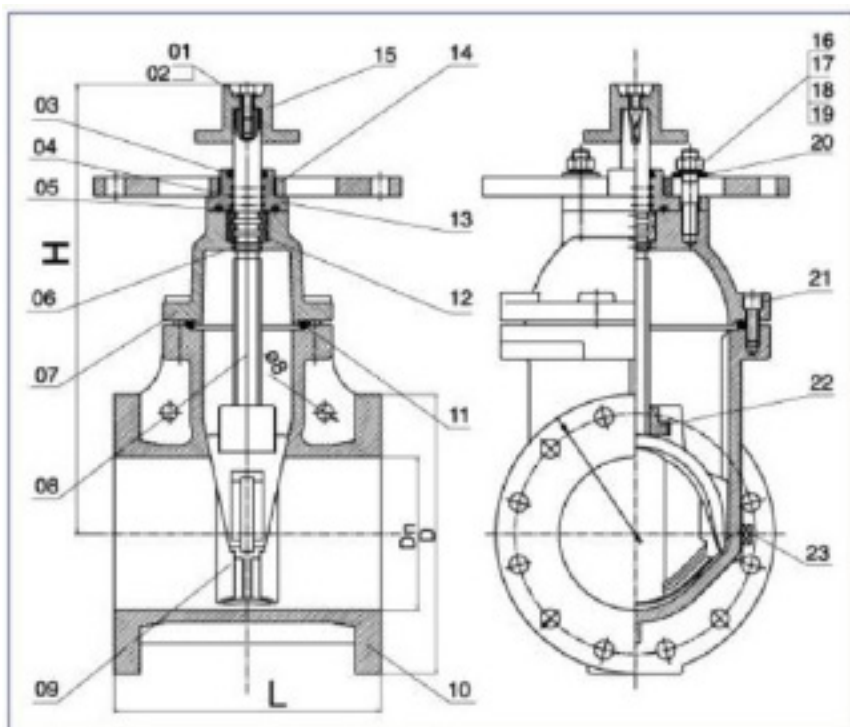


DIMENSION - WEIGHTS - QUANTITIES								
SIZE	2.5"	3"	4"	5"	6"	8"	10"	12"
Dn	69	80	100	125	150	200	250	300
L	190	203	229	254	267	292	330	356
D	178	191	229	254	279	343	406	483
b	17.5	21	24	23.9	25.4	28.6	30.2	31.8
c	139.5	152.5	190.5	216	241.5	298.5	362	432
n-d	4-ø19	4-ø19	8-ø19	8-ø22	8-ø22	8-ø22	12-ø25	12-ø25
H	292	322	342	412	448	534	635	720

- DESIGN STANDARD: AWWA C515
- NOMINAL PRESSURE: 300PSI
- FLANGE STANDARD: ASME/ANSI B16.1 CLASS 125 OR ASME/ANSI B16.42 CLASS 150 OR BS EN1092-2 PN16 OR GB/T9113.1
- EPOXY RESIN COATING BOTH INSIDE AND OUTSIDE THE BODY
- IT COULD ALSO BE OPERATED BY THE HANDWHEEL

MATERIAL LIST

PART	MATERIAL
1 FLAT WASHER	S.S.304
2 INNER HEXAGON SCREW	S.S.304
3 SEALING GLAND	EPDM
4 O-RING	EPDM
5 SEALING RING	EPDM
6 O-RING	EPDM
7 BONNET	DI
8 STEM	S.S.304
9 DISC	DI+EPDM
10 BODY	DI
11 SEALING RING	EPDM
12 RETAINING RING	C95400
13 GLAND	DI
14 TERMINAL PAD	DI
15 LINK BLOCK	DI
16 NUT	S.S.304
17 STUDS	S.S.304
18 SPRING WASHER	STEEL
19 WASHER	STEEL
20 WASHER	STEEL
21 INNER HEXAGON SCREW	STEEL

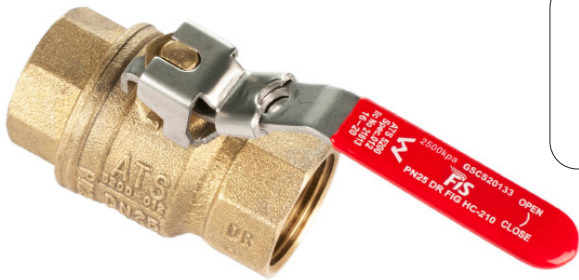


FIS LOCKABLE BALL VALVE



BVL-001

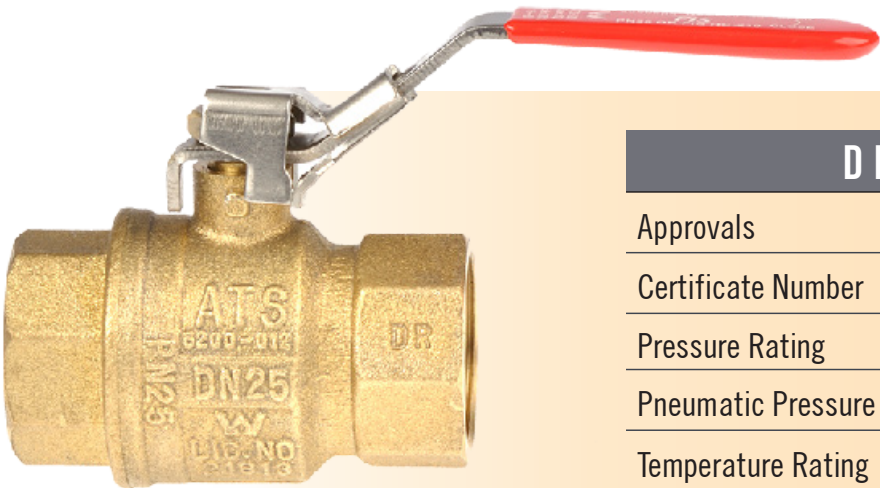
BALL VALVE



Gas Safety Certification Scheme

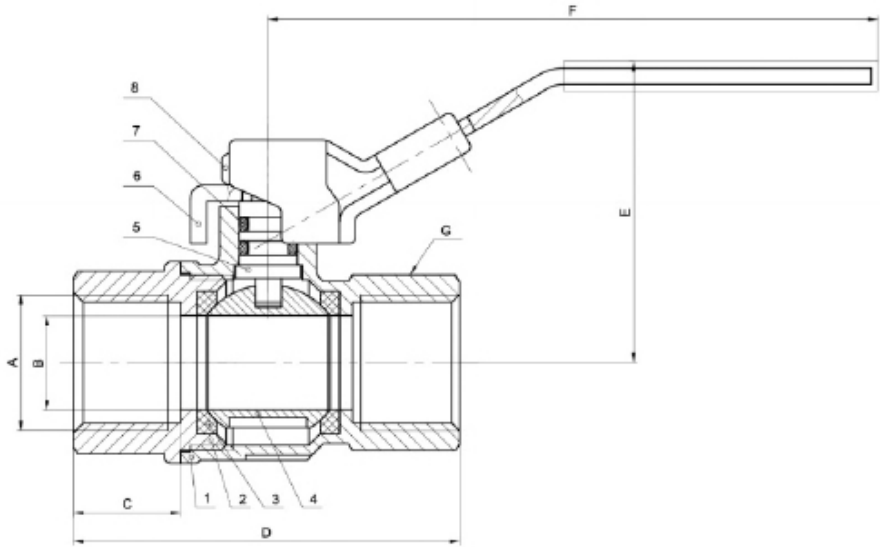
AC 4617-2004 - Manual shut-off gas valves

Certificate No:GSCS20133



DETAILS

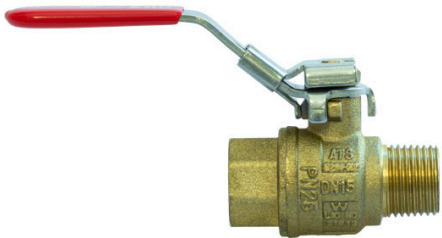
Approvals	Watermark
Certificate Number	WMKA21813
Pressure Rating	2500KPa
Pneumatic Pressure test	700Kpa
Temperature Rating	-10°c ~ 85°c



MATERIAL LIST

NO.	PART
01	BODY
02	BONNET
03	SEAL
04	BALL
05	STEM
06	HANDLE
07	O-RING
08	NUT

A	B	C	D	E	F	G
1/2"	15	16.5	59.5	46	94	25
3/4"	20	18	66.5	50.5	107.5	31
1"	25	18.5	75	55	107.5	37
1 1/4"	32	23	93	74	136	47
1 1/2"	40	23	100.5	92	181	54
2"	50	28	122.5	102	181	67



*MALE/ FEMALE VERSION AVAILABLE IN 15mm AND 25mm SIZES.

FIS MINI BALL VALVE

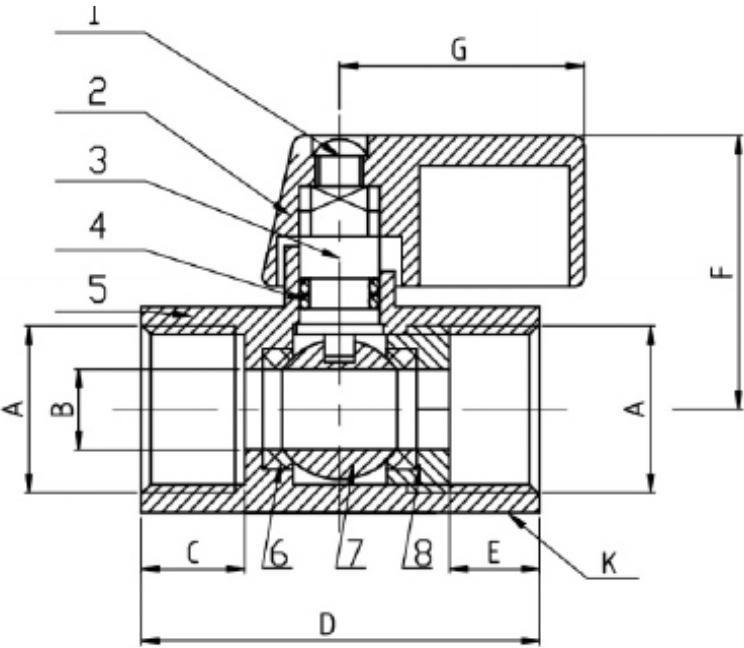
MFF-001 → MFF-003

FEMALE/FEMALE



DETAILS

Pressure Rating	300PSI
Temperature Rating	-20°c ~ 120°c
Pneumatic Pressure test	700Kpa



MATERIAL LIST	
NO.	PART
01	BOLT
02	HANDLE
03	STEM
04	O-RING
05	BODY
06	SEAL
07	BALL
08	BONNET

Item Number	SIZE	A	B	C	D	E	F	G	K
MBF-001	1/4	8mm	5.5	10	39	10.5	26	23	20
MBF-002	3/8"	10mm	8	12	42	10	27	23.5	20.5
MBF-003	1/2"	15mm	10	10	43	10	28	23.5	24.5

FIS MINI BALL VALVE

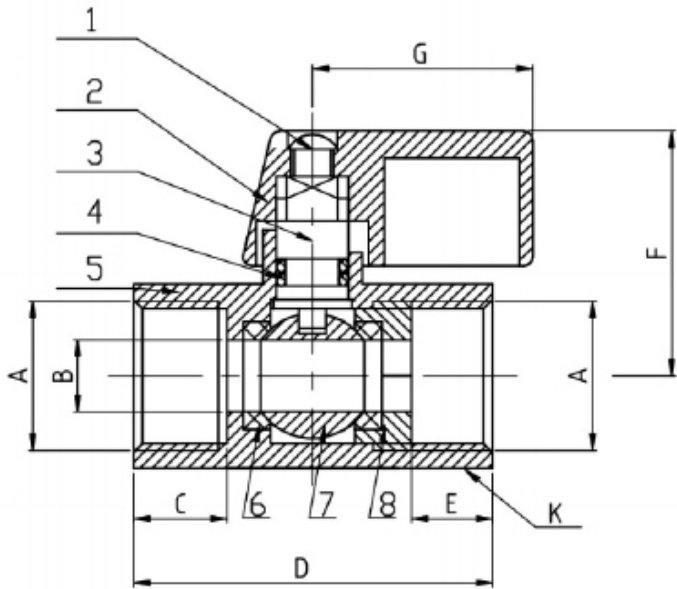
MBM-001 → MBM-002

MALE/FEMALE



DETAILS

Pressure Rating	300PSI
Temperature Rating	-20°c ~ 120°c
Pneumatic Pressure test	700Kpa



MATERIAL LIST

NO.	PART
01	BOLT
02	HANDLE
03	STEM
04	O-RING
05	BODY
06	SEAL
07	BALL
08	BONNET

ITEM NUMBER	SIZE	A	B	C	D	E	F	G	K
MBM-001	3/8"	10mm	8	10.5	40	10	27	23.5	20.5
MBM-002	1/2"	15mm	10	10.5	43	11	28	23.5	24.5

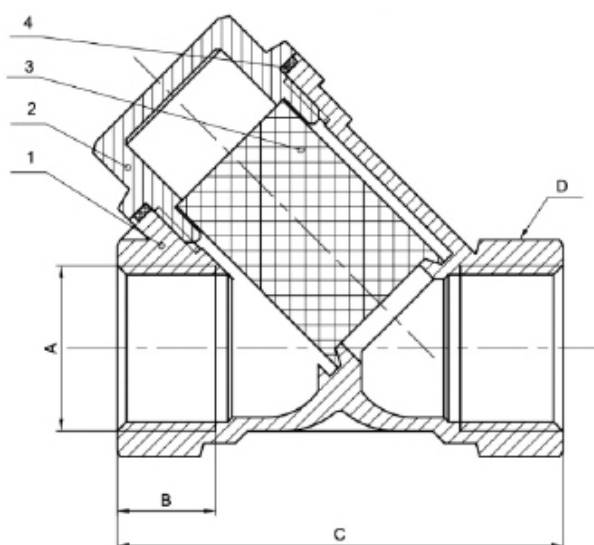
Y STRAINER

YSV-008

Y STRAINER



	WORKING PRESSURE	TEST PRESSURE	WORKING
Y Strainer	1600kpa	2400kpa	-30 to 120



MATERIAL LIST	
ITEM	DESCRIPTION
01	BODY
02	BONNET
03	STRAINER
04	WASHER

Item Number	A	B	C	D
YSV-015	1/2 inch	15mm	56.5	26
YSV-020	3/4 inch	16mm	69	32
YSV-025	1 inch	17.5mm	82	39
YSV-032	1 inch 1/4	18.5mm	90	48
YSV-040	1 inch 1/2	18.5mm	101	54
YSV-050	2 inch	22.5mm	123	66

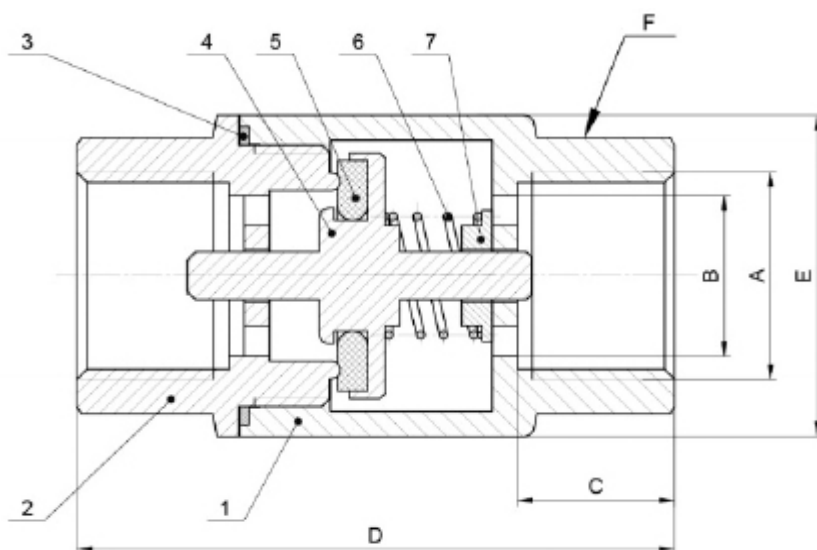
SPRING BRASS CHECK VALVES

BSC-015 - BSC-050

SPRING BRASS CHECK VALVES



	WORKING PRESSURE	TEST PRESSURE	WORKING
Check Valve	1600kpa	2400kpa	-30 to 120



MATERIAL LIST	
ITEM	DESCRIPTION
01	BODY
02	BONNET
03	SEAL
04	STEM
05	SEAL
06	SPRING
07	SPRING SEAT

Item Number	A	B	C	D	E	F
BSC-015	1/2 inch	15mm	15.5	59	32mm	S 26
BSC-020	3/4 inch	20mm	17.5	66.5	38mm	S 31
BSC-025	1 inch	25mm	19	73.5	45mm	S 39
BSC-032	1 1/4 inch	32mm	22	85.5	55mm	S 48
BSC-040	1 1/2 inch	40mm	22	92	65mm	S 55
BSC-050	2 inch	50mm	26.5	108	79mm	S 68

FIS pipe thread tape

TFY -010 → tfp-830

pipe thread tape



WRAS
Water Regulations Advisory Scheme



details

FIS Pipe Thread Tape provides a highly resistant seal on pipe threads for all types of service. This high quality grade tape works with several types of systems, and it permits easy disassembly, even after many years of service.



Options

MODEL	colour & sizes	related working pressure
TFY-010	Yellow-12mm x 10 Meter	10342 kpa
TFY-030	yellow-12mm x 30 Meter	10342 kpa
TFY-810	Yellow-18mm x 10 Meter	10342 kpa
TFY-830	Yellow-18mm x 30 Meter	10342 kpa
TFW-010	white - 12mm x 10 Meter	3750 kpa
TFW-030	white - 12mm x 30 Meter	3750 kpa
TFW-810	white - 18mm x 10 Meter	3750 kpa
TFW-830	white - 18mm x 30 Meter	3750 kpa
TFP-010	pink - 12mm x 10 Meter	3750 kpa
TFP-030	pink - 12mm x 30 Meter	3750 kpa
TFP-810	pink - 18mm x 10 Meter	3750 kpa
TFP-830	pink - 18mm x 30 Meter	3750 kpa

HEM-002

Jute Hemp Rolls

Quality 6 Ply Jute Hemp

26 Meters per Roll



PAD-003

003 PADLOCK



FEATURES

- 40mm zinc diecast padlock with a powder coated finish
- Supplied with 2 Lockwood x 003 Keys
- High purity, diecast zinc alloy case
- 6.4mm zinc plated hardened steel shackle
- Disc mechanism
- Self latching, single locking mechanism
- Special fire industry red padlock with unique 003 keying

HOSE REEL HOOD - SPECIFICATIONS

PADLOCK SERIES 225/40/119

STEEL SHACKLE

SINGLE LOCKING

METAL CASE

5 DISC MECHANISM



WTV

Test & drain valve



DESCRIPTION

The FIS Model WTV-003 Test and Drain allows for draining of a sprinkler system as well as WTV-003 performing the required Water Flow Test with one combined valve incorporating a single handle.

The WTV-003 eliminates the need to use two separate valves and additional fittings to perform the test and drain functions.

These features of the Model WTV-003 reduce the need for additional Test and Drain Valve inventory with multiple test orifices.

The Model WTV-003 contains two integrated ports with clear Lexan plugs allows for a visual means to determine if water is flowing through the valve.



FEATURES

300 PSI Rating

Forged Brass Body

Chrome Plated Brass Ball with Teflon Seats

Positive positioning of handle for OFF, TEST or DRAIN

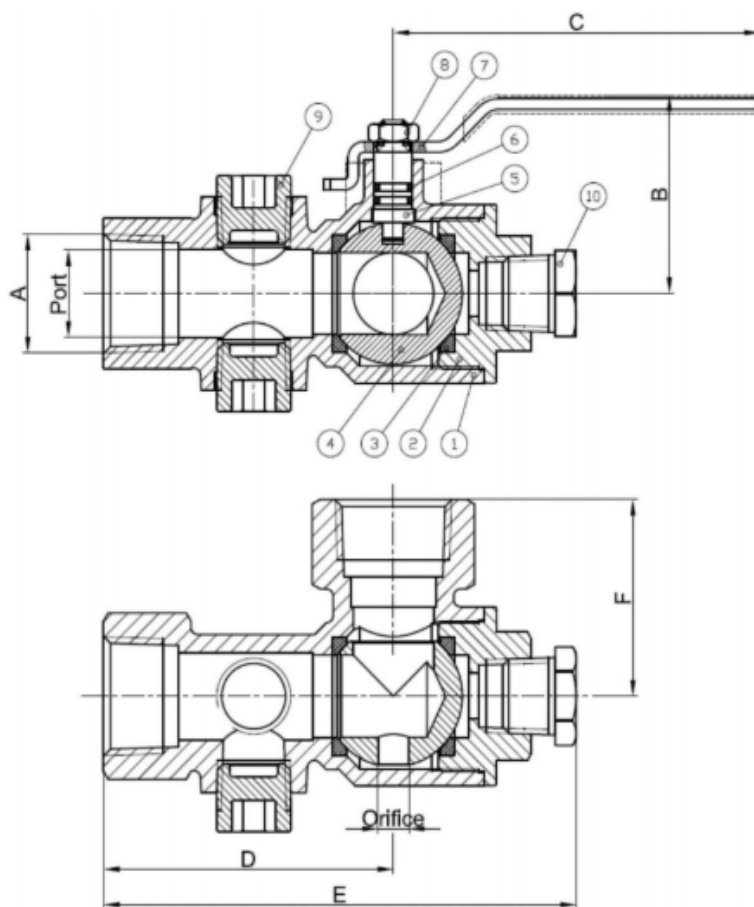
Only two threaded connections.

FM Approved



INSTALLATION

Installation practices consistent with those of the sprinkler industry are appropriate for the installation of this product. Can be installed either vertically or horizontally. Always make sure to properly "hold back" the valve and each component being installed to the valve to prevent over tightening or stressing of the valve body. It is also necessary to make sure all components are in proper alignment in the assembly where the ball valve is present. Improper alignment of attached components may create stress on the valve leading to valve failure. Use a suitable thread sealant such as PTFE tape or Pipe Fit Thread Sealant Paste with PTFE. Never use tape and paste together. We do not recommend the use of anaerobic sealants with this product. The materials used in this sealant type are highly caustic and may cause failure of the synthetic components present in this product.



A	Size mm	port	b	c	d	e	f
WTV-025	25mm	0.906"	2.2"	4.13"	3.27"	5.3"	2.165"
WTV-003	50mm	1.85"	3.33"	6.02"	3.78"	6.5"	2.835"

NO.	part	material
1	Body	C37700
2	Body Cap	C37700
3	Seat	PTFE
4	Ball	C37700
5	Stem	C37700

NO.	part	material
6	O-Ring	NBR
7	Lever	Carbon Steel
8	Nut	Carbon Steel
9	Sight Glass	Lexan
10	Cap Plug	C37700

TEST AND DRAIN VALVE

WTV-059

Test & drain Valve



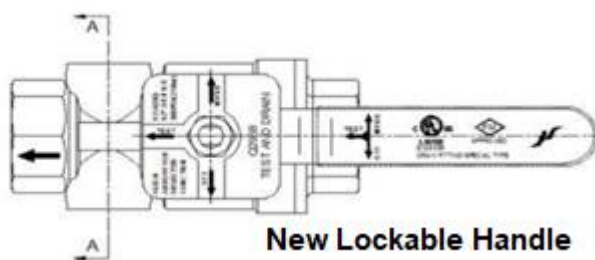
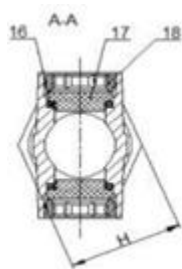
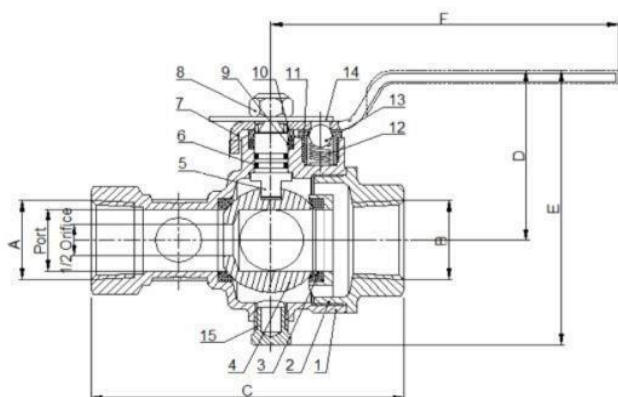
This Test & Drain Valve Used to test water flow through sprinkler systems. When not in the closed position, the valve can be either fully open (full port), .

The valve features two large and integral sight glasses allowing for maximum visibility when operated. The compact and integrated form allow for installation in both horizontal and vertical orientations in a small amount of space.

Positive positioning of handle for off, test or drain

two threaded connections.

large, integral sight glass on both sides



New Lockable Handle

dimension-weights-quantities

A/B	Size	PORT	C	D	E	F	H
1"	25mm	1.024"	5"	2.81"	4.56"	5.55"	1.65"

materials

Body	C37700
cap	C37700
SEAL	PTFE
BALL	C37700
STEM	C37700
O-RING	NBR
LEVER	304
NUT	304
GLAND PACKING	PTFE
GLAND RING	C37700
GLAND NUT	C37700
SPRING	304
STEEL BALL	304
INDICATOR PLATE	304
PLUG	C37700
WASHER	NBR
SIGHT GLASS	LEXAR
RETAINING RING	C37700

TEST AND DRAIN VALVE

SPECIFICATIONS:

1. CONSTRUCTION: THE VALVE IS DESIGNED, MANUFACTURED AND TESTED IN ACCORDANCE WITH ULC 258 AND FM STANDARD 1625
2. RATED WORKING PRESSURE: 300 PSI
3. TESTING PRESSURE: 600 PSI, TWICE THE RATED PRESSURE

MATERIALS

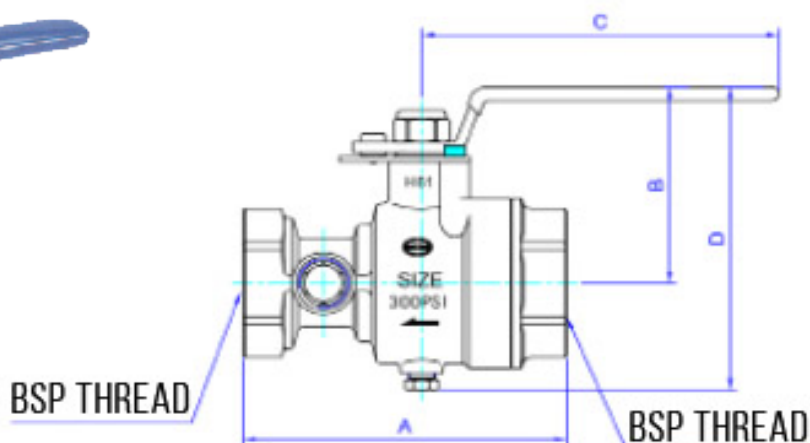
BODY	BRASS
END PIECE	BRASS
BALL	BRASS
SEAT	TFM
LEVER	STEEL

WTV-061

TEST AND DRAIN VALVE THREADED BSP

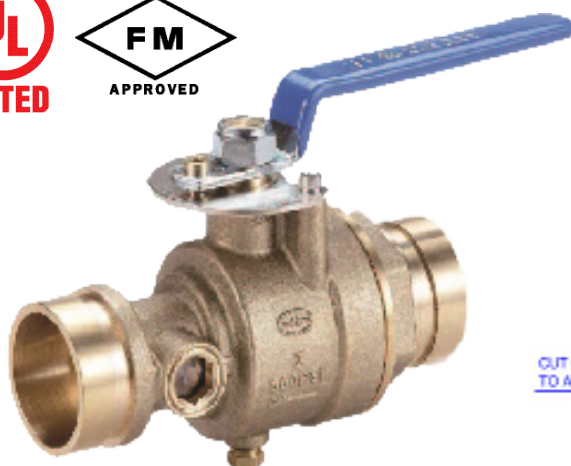


SIZE	A±2	B±2	C±2	D±3
1"	128.2	68.5	130.5	112
2"	157.2	99.1	174	154

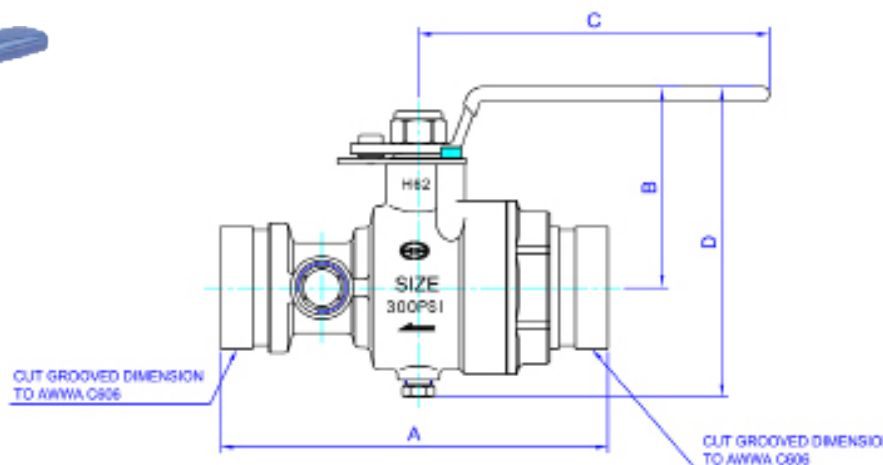


WTV-062

TEST AND DRAIN VALVE RG



SIZE	A±2	B±2	C±2	D±3	⊠E	⊠F	M±0.76	N±0.76
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SOL-015 → SOL-025

SOLENOID VALVE



CHARACTERISTICS: 1. PILOT OPERATED DIAPHRAGM CONSTRUCTION WITH LESS POWER CONSUMPTION FOR LONGTIME WORKING.

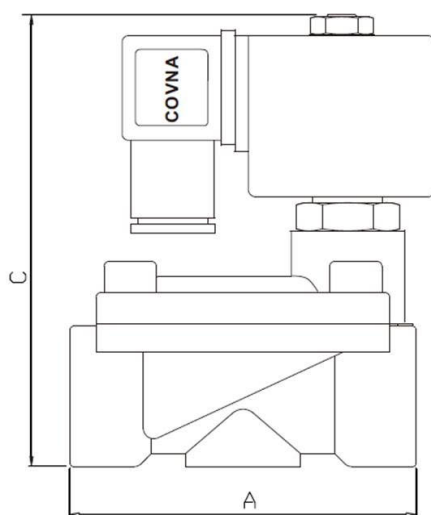
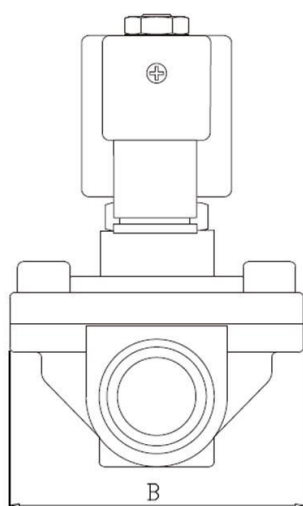
2. APPLIED TO PRESSURE SYSTEM OPENED FROM 0.3 BAR.

3. LIFESPAN CAN BE AT 1 MILLION CYCLES

MEDIUM: AIR, WATER, OIL E.T.C.

COILS: S21B, 24VA(AC), 18W(DC), Ip65, 100%ED

BODY	VOLTAGE	ORIFICE	PRESSURE	TEMP	SEAL	PORT THREAD	TOLERANCE
BRASS	DC 24V	DN15	0.3 - 16 BAR	-5°C-80°C	NBR	BSP	±10%



DIMENSIONS	
A	73cm
B	48cm
C	93cm

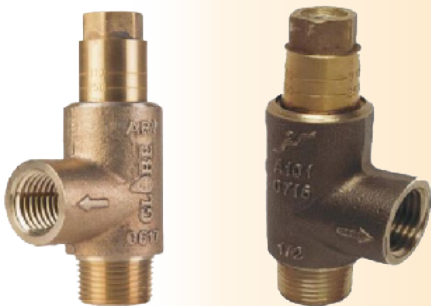
MATERIALS	
PLUNGER	STAINLESS STEEL 430F
STOP	SS 403F
SPRINGS	SS 304
SHADING RINGS	STAINLESS STEEL 304

DIMENSION - WEIGHTS - QUANTITIES						
CODE	PORT SIZE	ORIFICEmm	CV	MIN PRESSURE	MAX PRES-SURE	OPERATING TEMPRATURE NBR
SOL-015	1/2"	15	4.5	0.03MPA	1.6MPA	-5°C-80°C
SOL-020	3/4"	20	9.3	0.03MPA	1.6MPA	-5°C-80°C
SOL-025	1"	25	12	0.03MPA	1.6MPA	-5°C-80°C

ARV ADJUSTABLE RELIEF VALVE

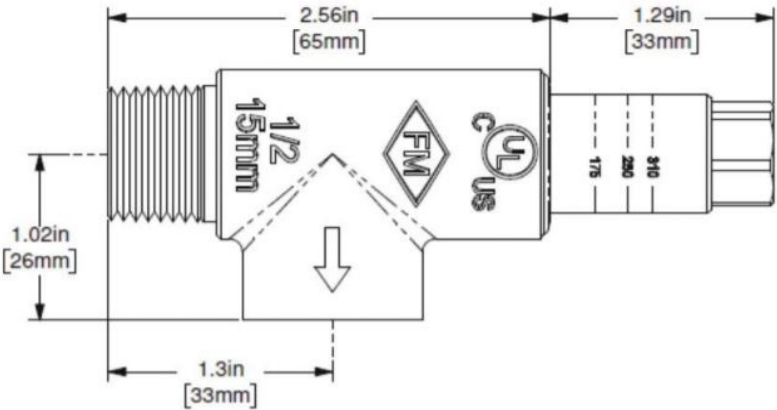
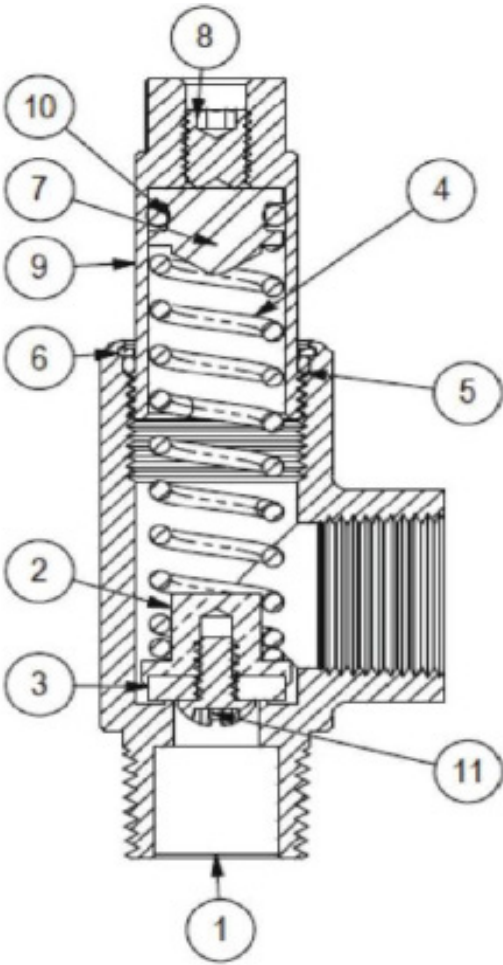
ARV-015

RELIEF VALVE



MAXIMUM SYSTEM WORKING PRESSURE: 310psi (2137kPa)
RELIEF VALVE SET PRESSURE RANGE: 175psi (1207kPa)
to 310psi (2137kPa)

MATERIAL LIST		
	PART	MATERIAL
1	VALVE BODY	BRONZE
2	VALVE SEAT	BRONZE
3	SEALING RUBBER	EDPM
4	SPRING	STAINLESS STEEL
5	O-RING	EDPM
6	WASHER	BRASS
7	VALVE PISTON	STAINLESS STEEL
13	PRESSURE ADJUSTMENT SCREW	STAINLESS STEEL
14	ADJUSTMENT CAP	BRONZE
15	PISTON O-RING	EDPM
16	SEALING RUBBER RETAINING SCREW	STAINLESS STEEL



Air Release Valve

BSPT Type

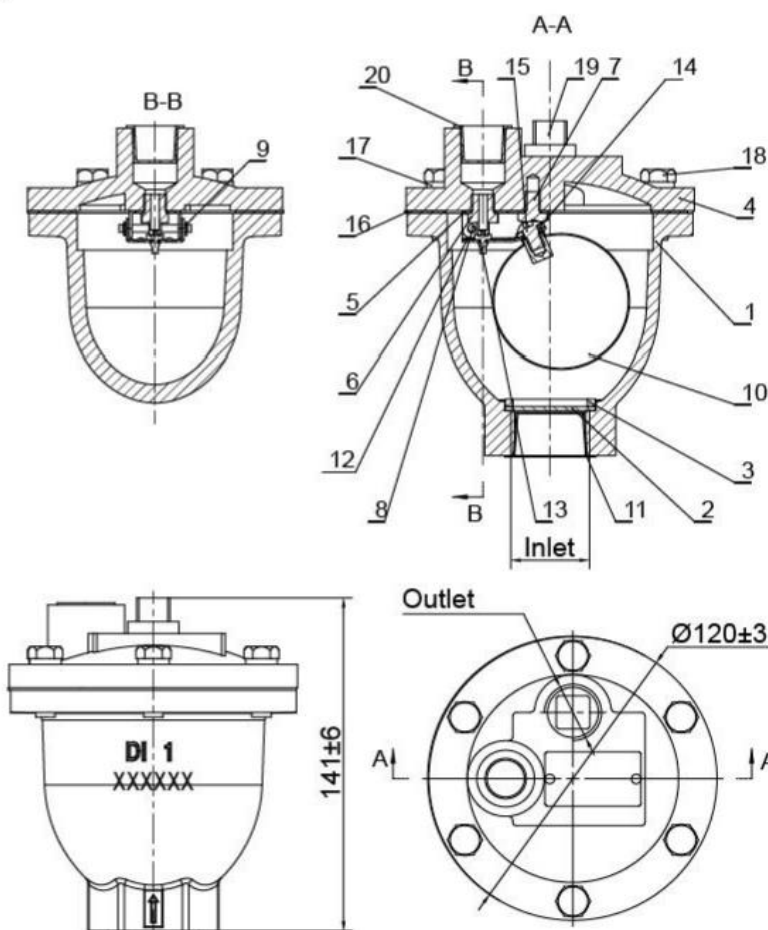
Technical Features

- Designed, manufactured: accordance with UL 2573/FM1344.
 - Test Standard:UL 2573/FM1344.
 - Temperature: 0 to 100°C
 - Normal size: 1"
 - Normal Pressure:175PSI
 - Test Pressure: Leakage Test 7PSI/263PSI, Strength Test 350PSI
 - Use in wet pipe sprinkler systems, or with horizontal split case pumps.
 - The inlets of the valves are 1-11 1/2NPT or R_c 1, the outlets of the valves are 1/2-14NPT or R_c 1/2.
- Advantages: This valve can ensure the excellent leak tightness and good venting capabilities under the rated working pressure.



Valve Material List

S./N.	Description of Parts	Materials
1	Valve Body	Ductile Iron
2	Filter Screen	SS316
3	Gasket Ring	Carbon Steel
4	Bonnet	Ductile Iron
5	Yoke	SS316
6	Valve Seat	SS316
7	Bolt	SS316
8	Valve Shaft	SS316
9	E Type Retainer Ring	SS304
10	Ball	SS316
11	Big Protective Cover	Plastic
12	Lever	SS316
13	Poppet	EPDM
14	Spring Washer	SS316
15	Hex Socket Head Bolt	SS304
16	Asbestos-free Gasket	CN-705
17	Spring Washer	Carbon Steel
18	Bolt	Carbon Steel
19	Plug	Ductile Iron
20	Small Protective Cover	Plastic



Connections for Installation

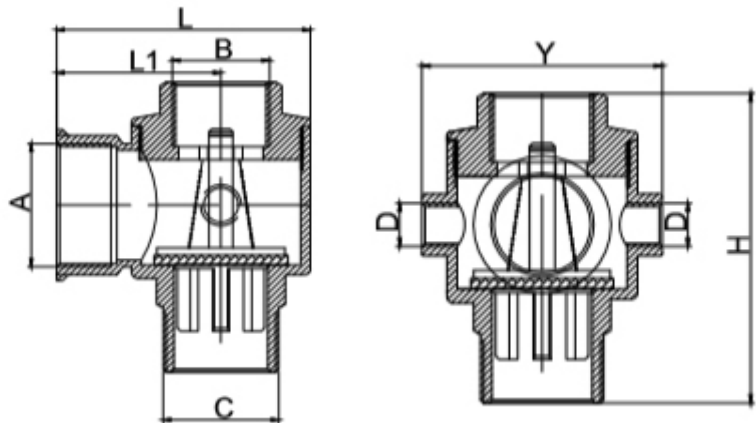
- The inlet connections shall be made using the external threads of tapered pipe thread 1-11 1/2NP conforming to the standard ASME B 1.20.1-2013, and the outlet connections shall be made using the external threads of tapered pipe thread 1/2-14NPT conforming to the standard ASME B 1.20.1-2013.
- The inlet connections shall be made using the external threads of tapered pipe thread R21 conform to the standard ISO 7-1-1994, and the outlet connections shall be made using the external threads of tapered pipe thread R2 1/2 conforming to the standard ISO 7-1-1994.

WCV-025

BRASS 5 WAY FITTING

WITH CHECK VALVE Pressure Rate: 1600kpa

2 x 25mm (F) + 1 x 25mm (M) + 2 X 8mm (F)

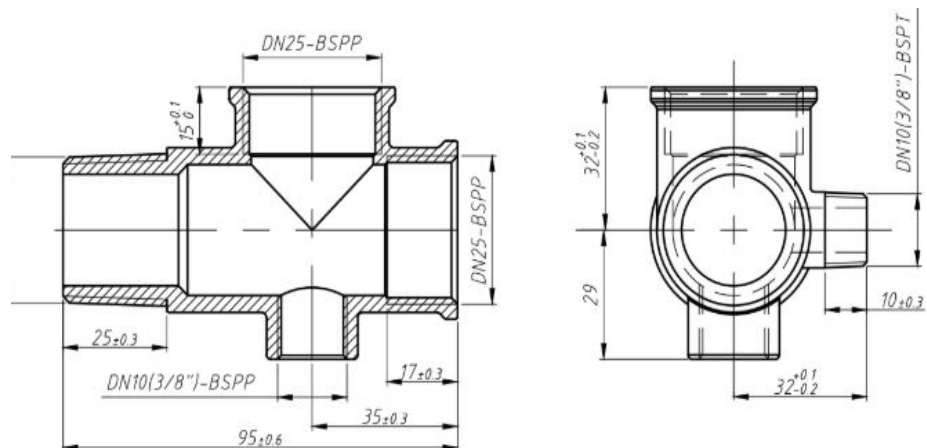


WAY-025

STAINLESS STEEL 5 WAY FITTINGS

Pressure Rate: 2100kpa

2 x 25mm (F) + 1 x 25mm (M) + 1 X 10mm (F) + 1 X 10mm (M)

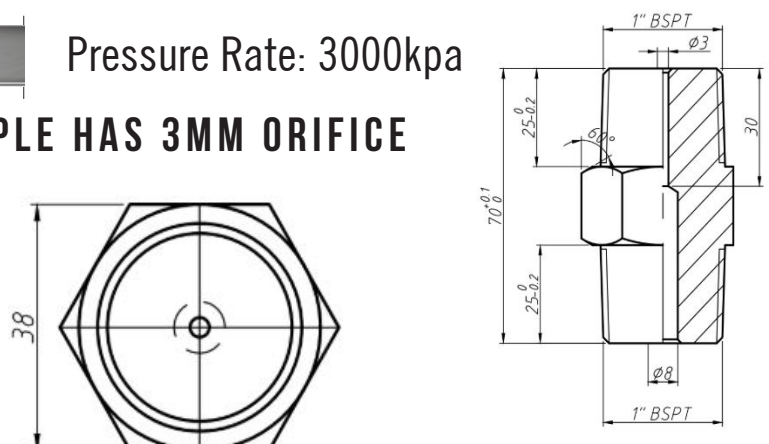


SNP-025

STAINLESS STEEL HEX NIPPLE

Pressure Rate: 3000kpa

HEX NIPPLE HAS 3MM ORIFICE



FIRE INDUSTRY SUPPLIES



Hydrants, Boosters & Storz

FIS 65 mm storz

STZ- 065 → 076

65mm storz

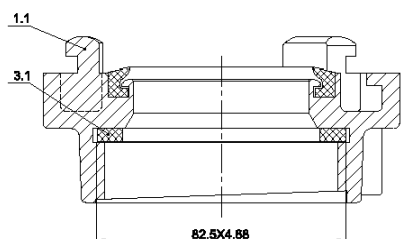
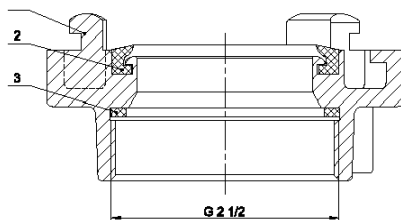


Details

Working Pressure	1400KPa
Test Pressure	2100KPa
Temperature Rating	-10°C ~ 85°C
Forged NEN3374	



Model	Model number
Storz x 65mm bsp thread female	STZ-065
Storz x MFB female VICTORIA	STZ-066
Storz x MFB male VICTORIA	STZ-067
Storz x MFB Female NSW	STZ-076
Storz x MFB male NSW	STZ-077
Storz x CFA female VICTORIA	STZ-068
Storz x CFA Male VICTORIA	STZ-069
Storz 65 x 50mm female bsp	STZ-071



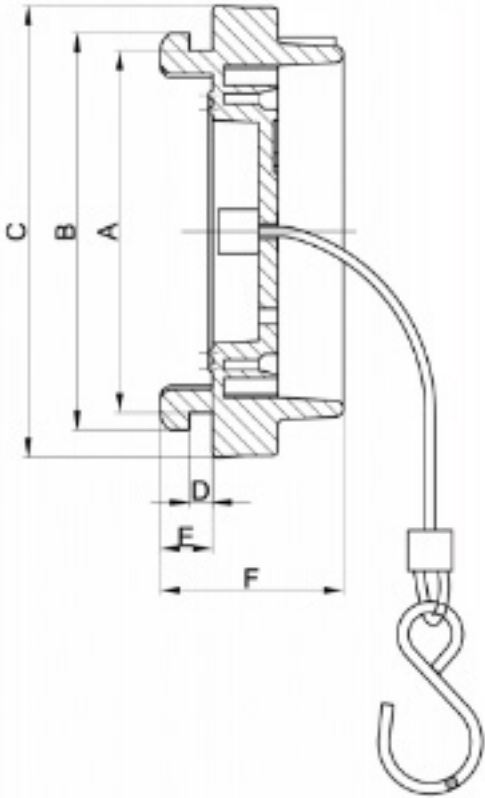
item	name
1	Storz Body
1.1	Seal
3	Seal
3.1	Seal

50MM STORZ PLASTIC CAP



DETAILS

Storz high quality blanking cap complete with the chain so that it cannot be lost.



DETAILS	
1	PLUG
2	CHAIN

A	B	C	D	E	F
Ø94	Ø103	Ø117.5	6	13.5	47.5

FIS HYDRANT LANDING VALVE

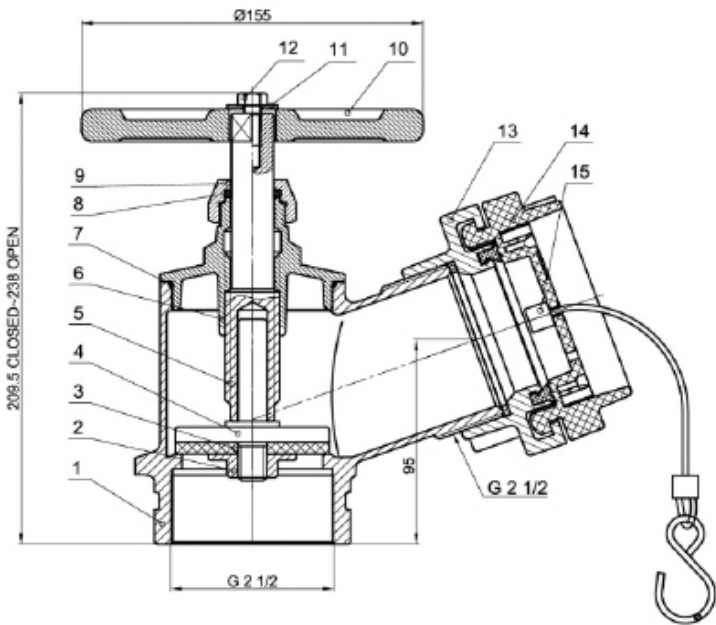


HYD -020

HYDRANT LANDING VALVE 20



DETAILS	
Standards mark Certificate	No. SMK21817
AS 2419.2 Material	C83600 AS 1565
2345 dezincification test	Flow rate
10L/s when pressure	≥25kPa
Sealing torque	≤40Nm when pressure 21 bar
Body test & seat test	27bar (2700kPa)
Pressure retention test	32bar
(3200kPa) Temperature Rating	-10°C
	~ 85°C
Wall thickness	≥3mm. Inlet roll grooved wall thickness
	≥5.4mm.
Storz fitting on landing valve	complies with
	NEN3374 1971



MATERIAL LIST	
NO.	PART
01	BODY
02	NUT
03	WASHER
04	SEAT
05	SPINDLE
06	COVER
07	O-RING
08	O-RING
09	COVER NUT
10	WHEEL HANDLE
11	WASHER
12	HEX BOLT
13	STORZ SUB-ASSY
14	PLUG

HYDRANT LANDING VALVE



HYD -090

HYDRANT LANDING VALVE 90Deg

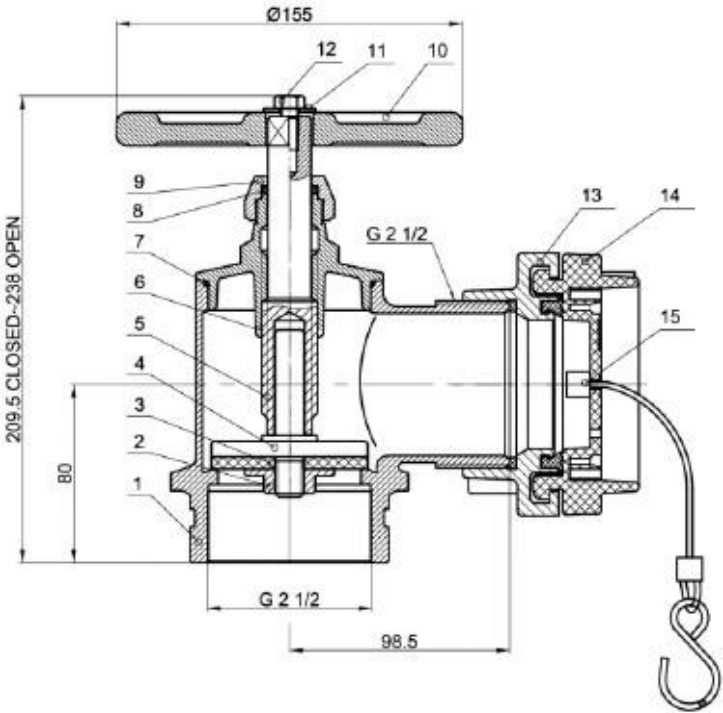


DETAILS

- Standards mark Certificate No. SMK21817
- AS 2419.2 Material C83600 AS 1565
- AS2345 dezincification test Flow rate 10L/s when pressure $\geq 25\text{kPa}$
- Sealing torque $< 40\text{Nm}$ when pressure 21 bar
- Body test & seat test 27bar (2700kPa) Pressure retention test 32bar (3200kPa)
- Temperature Rate $-10^{\circ}\text{C} - 85^{\circ}\text{C}$
- Wall thickness $\geq 3\text{mm}$. Inlet roll grooved wall thickness $\geq 5.4\text{mm}$.
- Storz fitting on landing valve complies with NEN3374 1971



*ALSO AVAILABLE IN NON-LOCTITE STORZ FOR NSW. (PRODUCT CODE: HYD-NSW)



MATERIAL LIST	
NO.	PART
01	BODY
02	NUT
03	WASHER
04	SEAT
05	SPINDLE
06	COVER
07	O-RING
08	O-RING
09	COVER NUT
10	WHEEL HANDLE
11	WASHER
12	HEX BOLT
13	STORZ SUB-ASSY
14	PLUG
15	CHAIN

Stainless Steel Hydrant

HYD -ZT2

Stainless Steel Hydrant Valve 90° "Loctite"

80mm Roll Groove with 65mm Threaded BSP



Details

Certified AMI74819 Standard AS 2419.2:2009

Material CF8/ASTM A743

Approve AS 4020 contamination of water

Approve AS 2345 dezincification test

Flow rate 10L/s when pressure 25kPa

Sealing torque 40Nm when pressure 21 bar

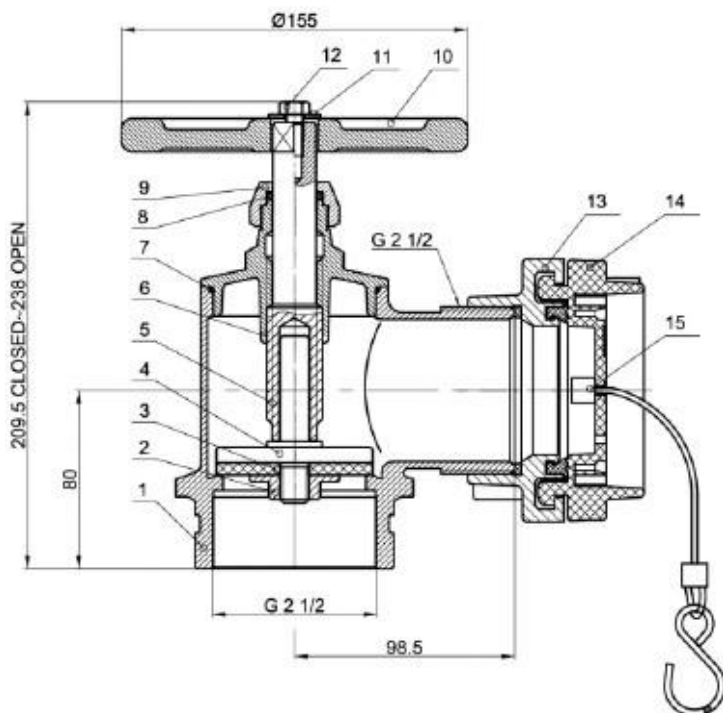
Body test & seat test 27bar (2700kPa)

Pressure retention test 32bar (3200kPa)

Temperature Rating -10°C ~ 85°C

Wall thickness 3mm. Inlet roll grooved wall thickness 5.4mm

Forged Storz fitting on landing valve complies with NEN3374



Material List

No.	Part	
01	Hand Wheel	HT200
02	Bonnet nut	CF8(304)
03	bonnet	CF8(304)
04	Stem	316/431
05	Disc	CF8(304)
06	Seal Gasket	NBR/EPDM
07	Seal Nut	CF8(304)
08	Body	CF8(304)
09	Hand wheel Nut	201
10	Flat Gasket	201
11	Stem Sealing	NBR/EPDM
12	Bonnet Sealing	NBR/EPDM
13	Storz Sealing1	NBR
14	Storz Sealing 2	NBR
15	Storz	Al alloy
16	Plug	PA6
17	S-Hook + Cable	SS

Stainless Steel Hydrant

HYD -ZT3

Stainless Steel hydrant valve 20/45 degree

Victoria Metropolitan Model

80mm Roll Groove with 65mm Threaded BSP



Details

Victoria Metropolitan Model

Certified AMI74819 Standard AS 2419.2:2009

Material CF8/ASTM A743

Approve AS 4020 contamination of water

Approve AS 2345 dezincification test

Flow rate 10L/s when pressure 25kPa

Sealing torque 40Nm when pressure 21 bar

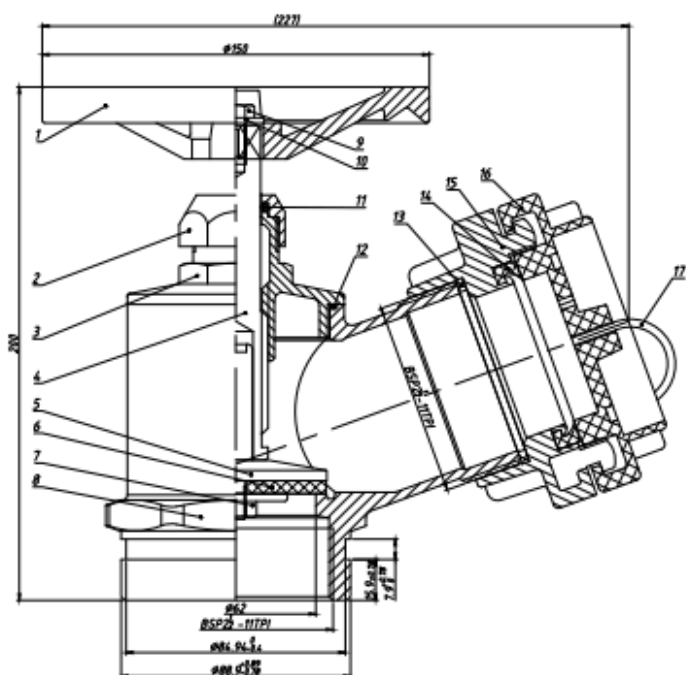
Body test & seat test 27bar (2700kPa)

Pressure retention test 32bar (3200kPa)

Temperature Rating -10°C ~ 85°C

Wall thickness 3mm. Inlet roll grooved wall thickness 5.4mm

Forged Storz fitting on landing valve complies with NEN3374



Material List

No.	Part	
01	Hand Wheel	HT200
02	Bonnet nut	CF8(304)
03	bonnet	CF8(304)
04	Stem	316/431
05	Disc	CF8(304)
06	Seal Gasket	NBR/EPDM
07	Seal Nut	CF8(304)
08	Body	CF8(304)
09	Hand wheel Nut	201
10	Flat Gasket	201
11	Stem Sealing	NBR/EPDM
12	Bonnet Sealing	NBR/EPDM
13	Storz Sealing1	NBR
14	Storz Sealing 2	NBR
15	Storz	Al alloy
16	Plug	PA6
17	S-Hook + Cable	SS

QRT Hydrant “QLD”

HYD-QRT

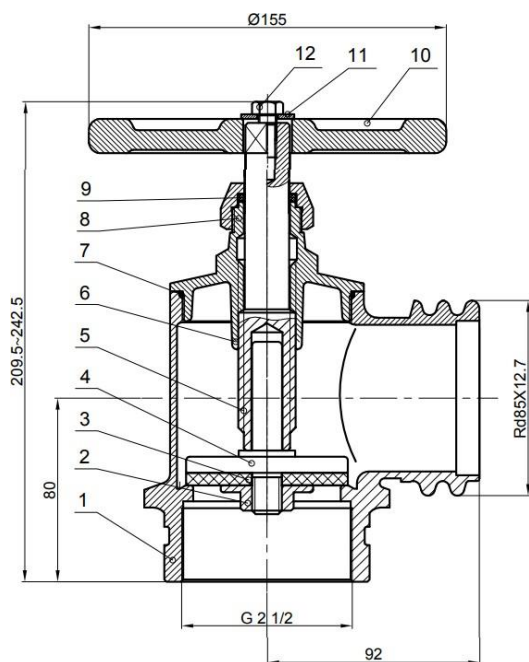
QRT Hydrants “QLD” Thread

**80mm Roll Grove with 65mm BSP Female thread connection
With QRT "QLD" Inlet**

Test Work Pressure :1400KPa
Standards Mark Certificate No.:

SMK 21817

Temperature Rating :-10°C~85°C



No.	Description	Material
1	Body	C83600
2	Nut	CuZn35Pb2As
3	Seal Ring	NBR (A70°±10)
4	Spool	CuZn36Pb2As
5	Stem	CuZn36Pb2As
6	Bonnet	C83600
7	O-Ring	NBR-A70°
8	O-Ring	NBR-A70°
9	Gland Nut	C37700
10	Handle	QT400-18
11	Gasket	SS304
12	Screw	SS304

HYD-BIC

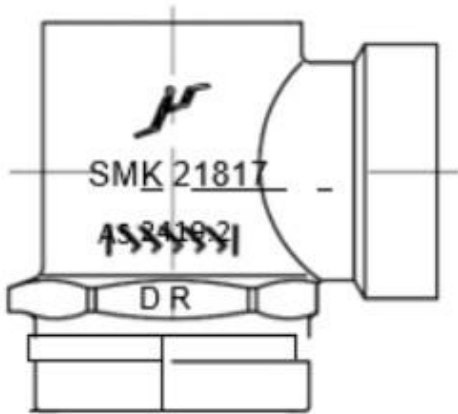
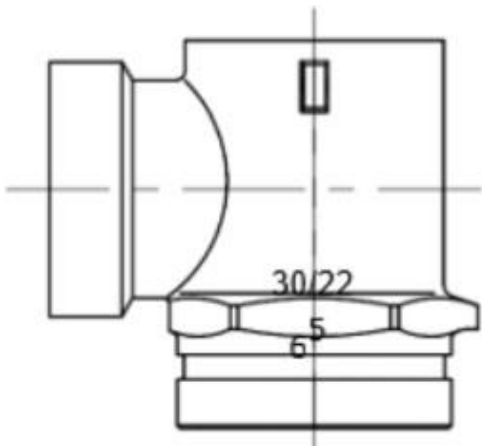
British Instantaneous Hydrants

80mm Roll Grove with 65mm Female BSP thread connection with British Instantaneous inlet

Test Work Pressure :1400KPa
Standards Mark Certificate No.:
SMK 21817
Temperature Rating :-10°C~85°C



No.	Description	Material
1	Body	C83600
2	Nut	CuZn35Pb2As
3	Seal Ring	NBR (A80°± 5)
4	Spool	CuZn36Pb2As
5	Stem	CuZn36Pb2As
6	Bonnet	C83600
7	O-Ring	NBR-A70°
8	O-Ring	NBR-A70°
9	Gland Nut	C37700
10	Handle	QT400-18
11	Gasket	SS304
12	Screw	SS304



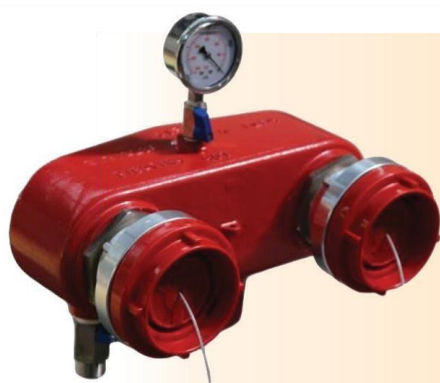
100mm Dual Booster

Storz Connection



DRB-100 → DBT-100

hydrant dual boosters



Fire brigade Dual Hydrant Booster 100mm Roll groove connection

Includes: Drain valve, Caps, Oil filled pressure Gauge & Chain

Class PN21 high pressure booster valve (21 bar)

Certified Product AMI 74905 Approved to AS2419.3-2012



Material

booster body	Stainless Steel Grade 304
inlet connection	Stainless Steel Grade 304/ NEN3374 ,Forged Alloy for Storz Type
Pressure gauge	Stainless Steel Grade 304 with oil filled
Drain Valve	Stainless Steel Grade 304
Disc Facing	NBR Rubber
blank cap	UV Stabilized Plastic
working pressure	2,100 Kpa
maximum working pressure	2,650 Kpa
onsite test pressure	3,150 Kpa

FIS Code	Description	Height	Width	Weight
DRT-100	Dual Booster Rear outlet 65mm Storz	270mm	350mm	9.2 Kg
DBT-100	Dual Booster Bottom outlet 65mm Storz	230mm	350mm	10.1 Kg

Brass Dual Booster 100mm

DRB-100

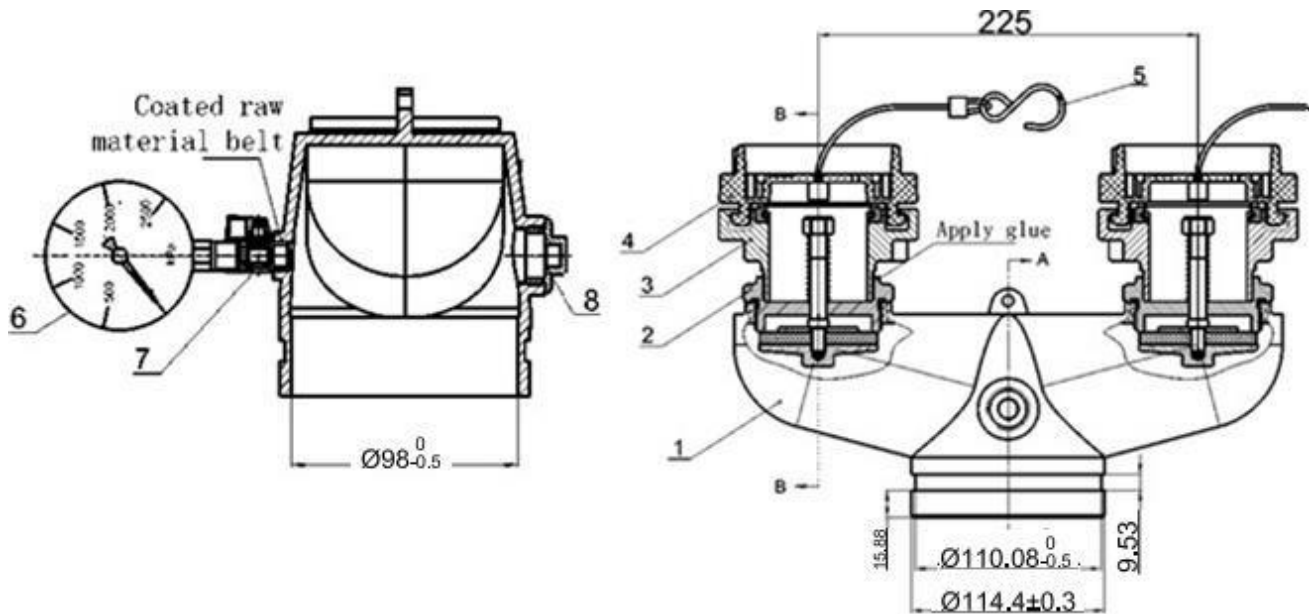
Brass Dual Boosters - RG REAR Entry

PN14 - RG Brass Dual Hydrant Booster
100mm, Includes drain valve, caps/chain &
Oil Gauge

Certified product SMK 41129 AS 2419.3



No.	Description
1	Body
2	Check Valve
3	Aluminum joint assembly
4	Joint protection cover
5	Chain assembly
6	Oil Pressure Gauge
7	Ball Valve
8	Plug



Brass Dual Booster 100mm

DBB-100

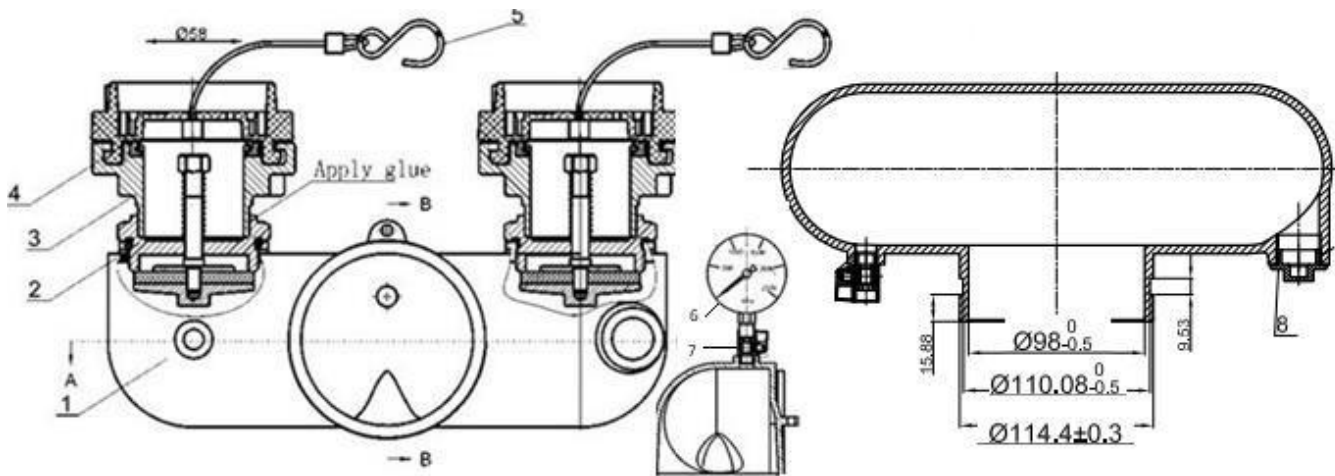
Brass Dual Boosters - RG Bottom Entry

PN14 - RG Brass Dual Hydrant Booster
100mm, Includes drain valve, caps/chain &
Oil Gauge

Certified product SMK 41129 AS 2419.3



No.	Description
1	Body
2	Check Valve
3	Aluminum joint assembly
4	Joint protection cover
5	Chain assembly
6	Oil Pressure Gauge
7	Ball Valve
8	Plug



Single Hydrant Booster 80mm RG Connection - 65mm Storz

SHB-080

Single Hydrant Booster 80mm



Fire Brigade Single Hydrant Booster
80mm Roll Groove & 65mm Female threaded Connection
Includes: Drain Valve, Cap, Oil filled Gauge and Chain
Class PN21 High Pressure Booster Valve (21Bar)
Certified Product AMI 74905 Approved to AS2419.3-2012



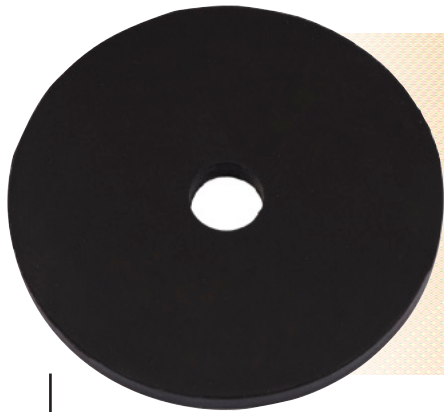
Material

Booster body	Stainless Steel Grade 304
inlet connection	Stainless Steel Grade 304/
Storz	NEN3374, Forged Alloy for Storz Type
Pressure gauge	Stainless Steel Grade 304 with oil filled
Drain Valve	Stainless Steel Grade 304
Disc Facing	NBR Rubber
blank cap	UV Stabilized Plastic
working pressure	2,100 Kpa
maximum working pressure	2,650 Kpa
onsite test pressure	3,150 Kpa

FIRE HYDRANT WASHER

HYW-001

FIRE HYDRANT WASHER



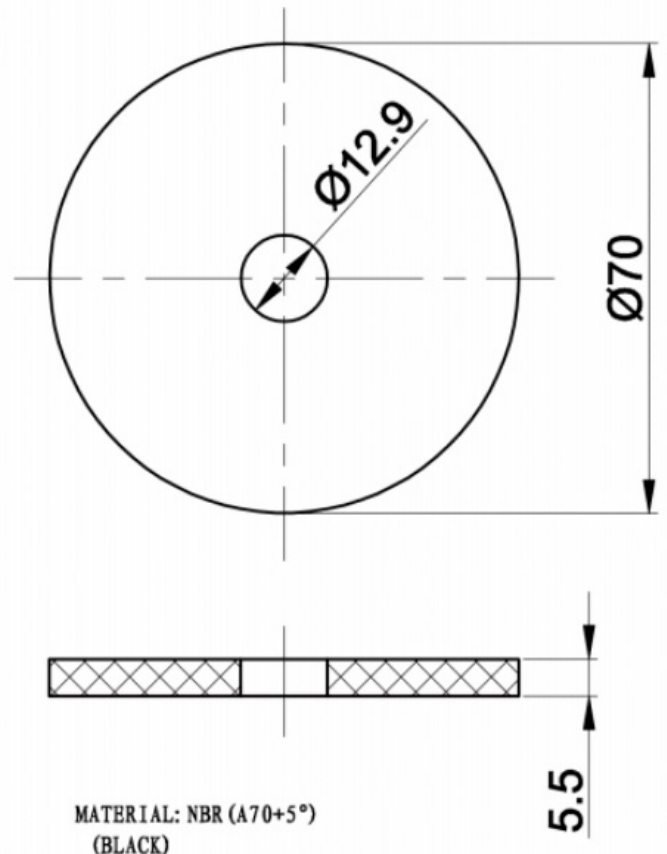
- Spare parts for fire hydrant landing valve.



Internal
Washer



J280C-fm1-03

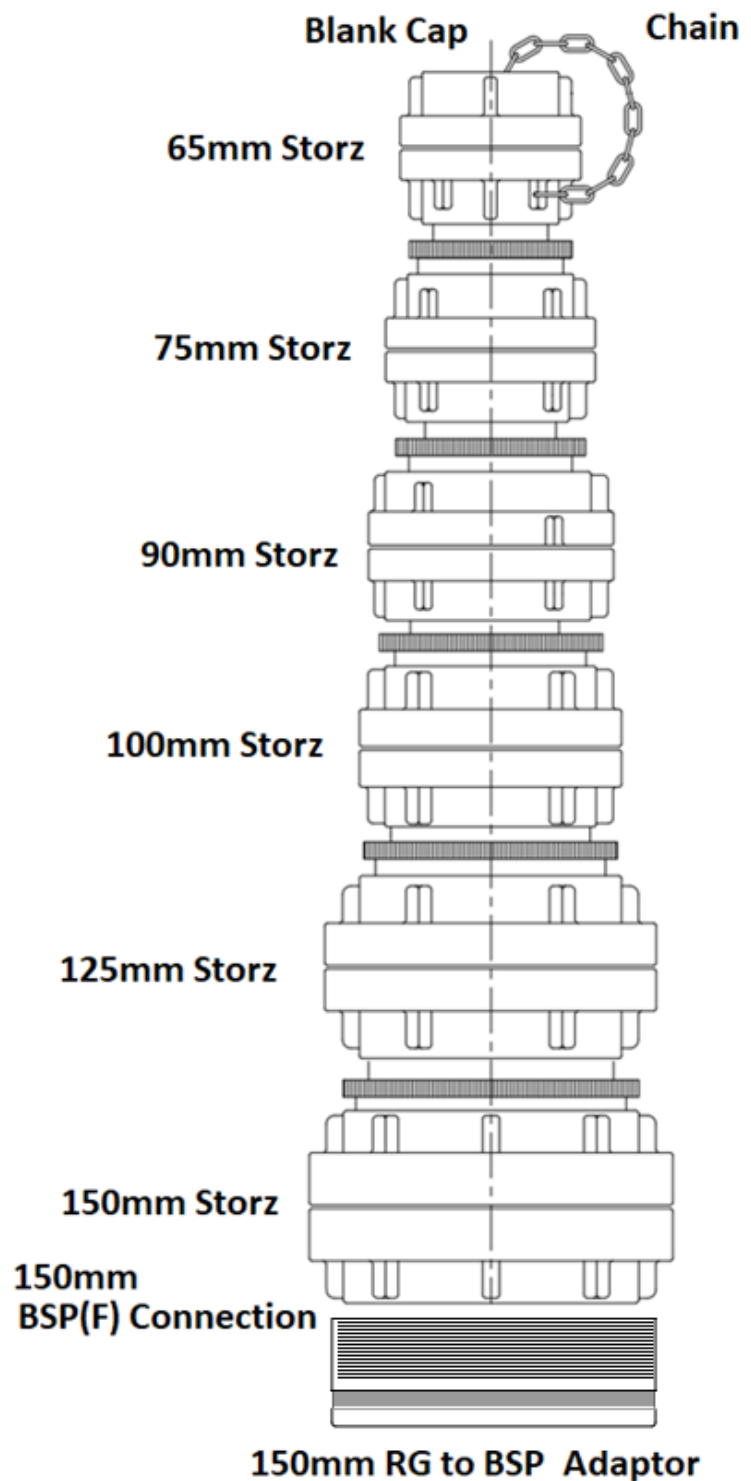


Storz Suction Adaptor

SSA -065

150mm to 65mm Storz Suction Adaptor

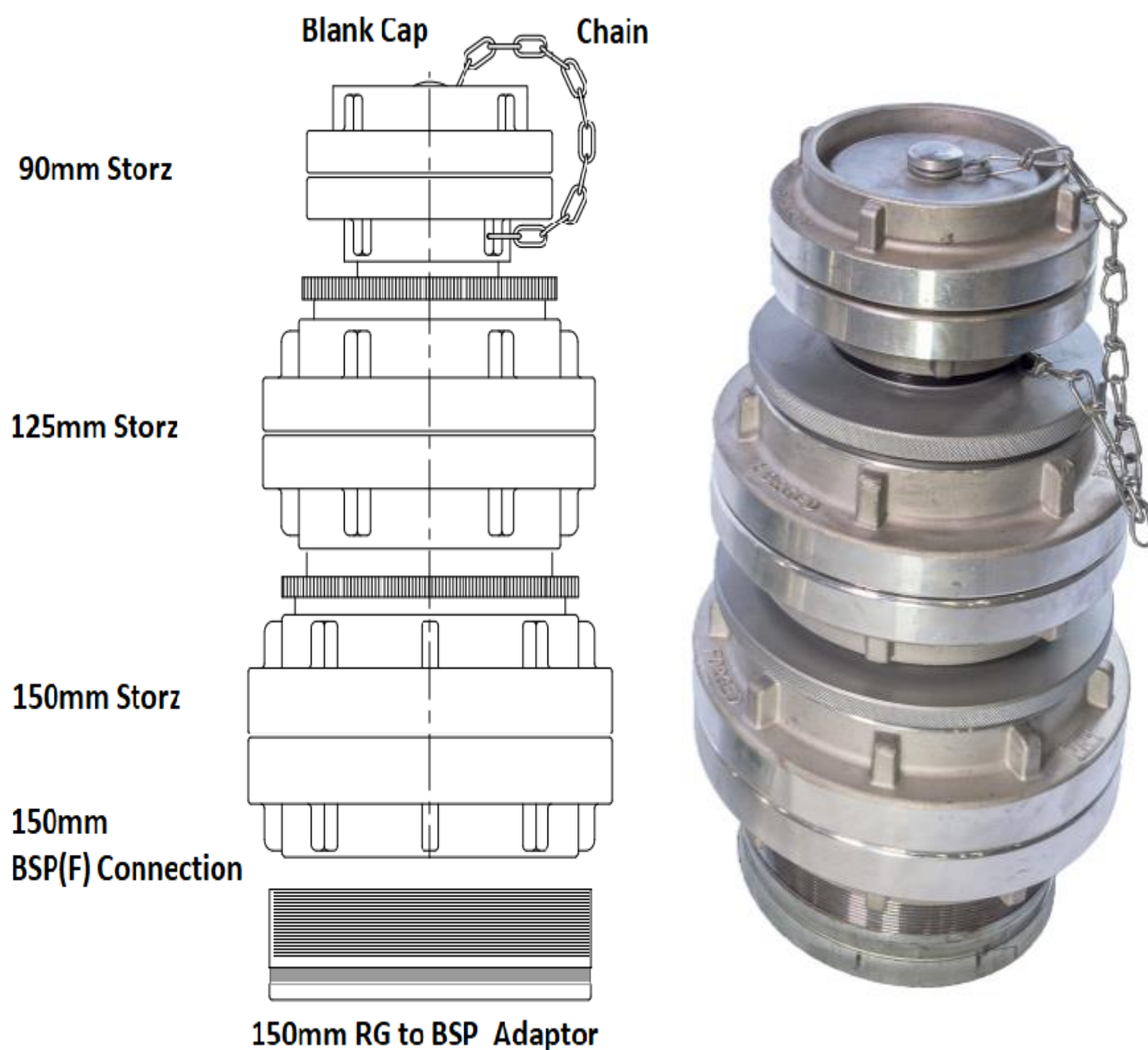
Storz Suction Adaptor “150 – 125 – 100 – 90 – 75 – 65mm”



SSA -090

150mm to 90mm Storz Suction Adaptor

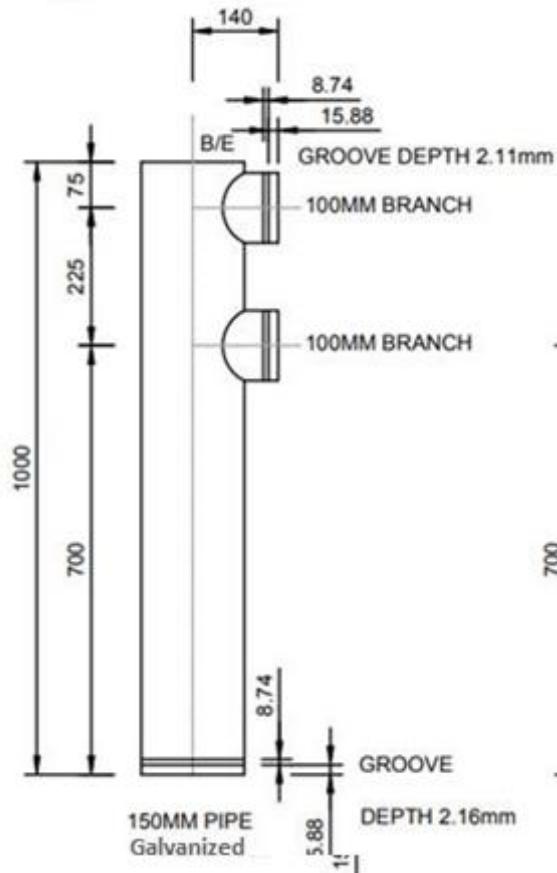
Storz Suction Adaptor “150 – 125 – 90mm”



QBR -070 -100

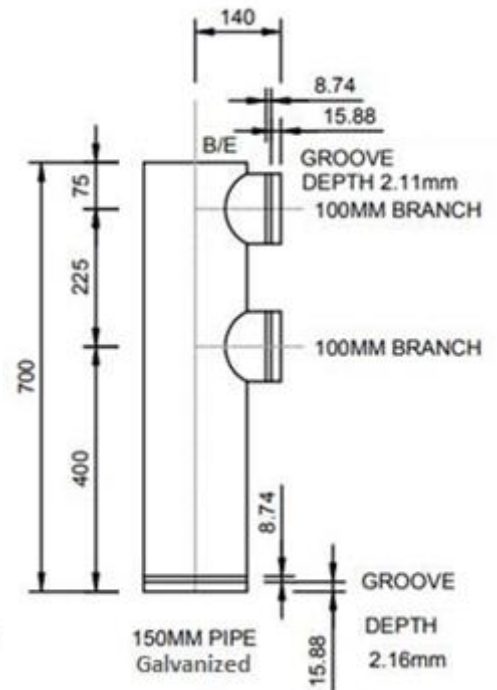
150mm Quad Boosters Gal RG Risers

150mm Pipe Quad Boosters Gal RG Riser to suit 100mm RG Boosters in 2 lengths:
1000mm "QBR-100" or 700mm "QBR-070"



LONG STANDPIPE

Code: QBR-100



SHORT STANDPIPE

Code: QBR-070

HRR -120 -180

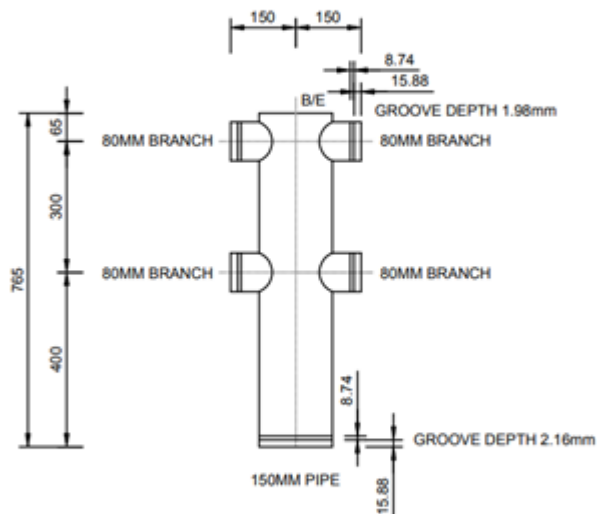
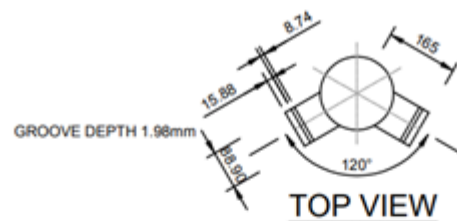
150mm Hydrant Gal RG Risers



**150mm Pipe
Hydrant Gal RG Riser**

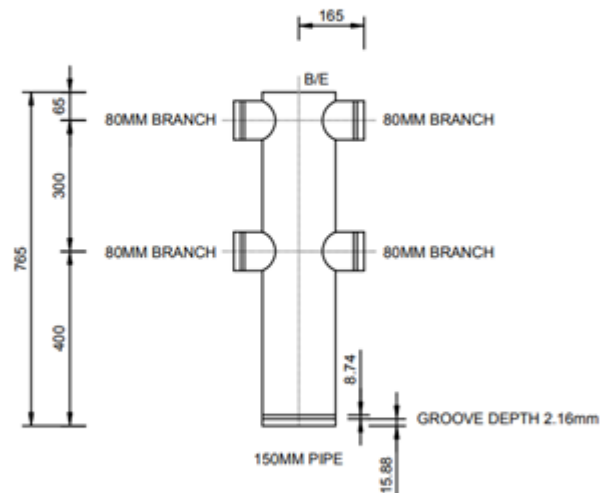
120° Angled Branches

180° Straight Branches



QUAD STANDPIPE - STRAIGHT BRANCHES

Code : HRR-180



QUAD STANDPIPE - ANGLE BRANCHES

Code : HRR-120

ALM -065-200

65mm to 200mm Roll Groove Alarm Valve



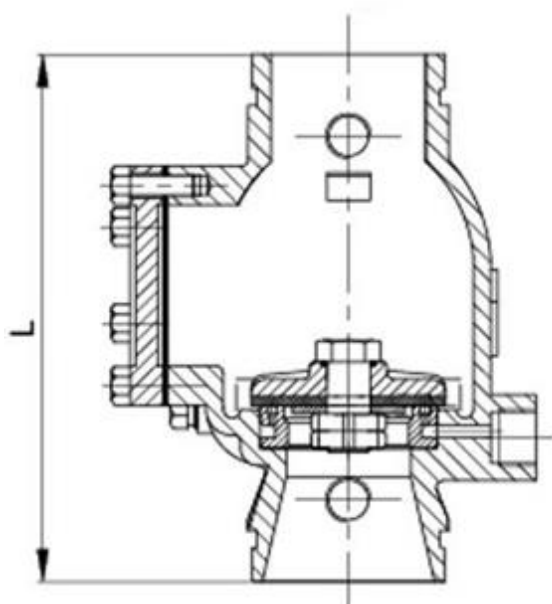
Working Pressure: 300PSI

Groove Standard: AWWA C606/ISO 6182-12

Working Temperature: 4c to 70c

Indoor or Outdoor installation

Electrostatic spraying both inside & outside of Valve body



Size	L(mm)	L(inch)
DN65(2.5in)	245	9.65
DN80(3in)	245	9.65
DN100(4in)	316	12.44
DN125(5in)	386	15.20
DN150(6in)	390	15.35
DN200(8in)	438	17.24

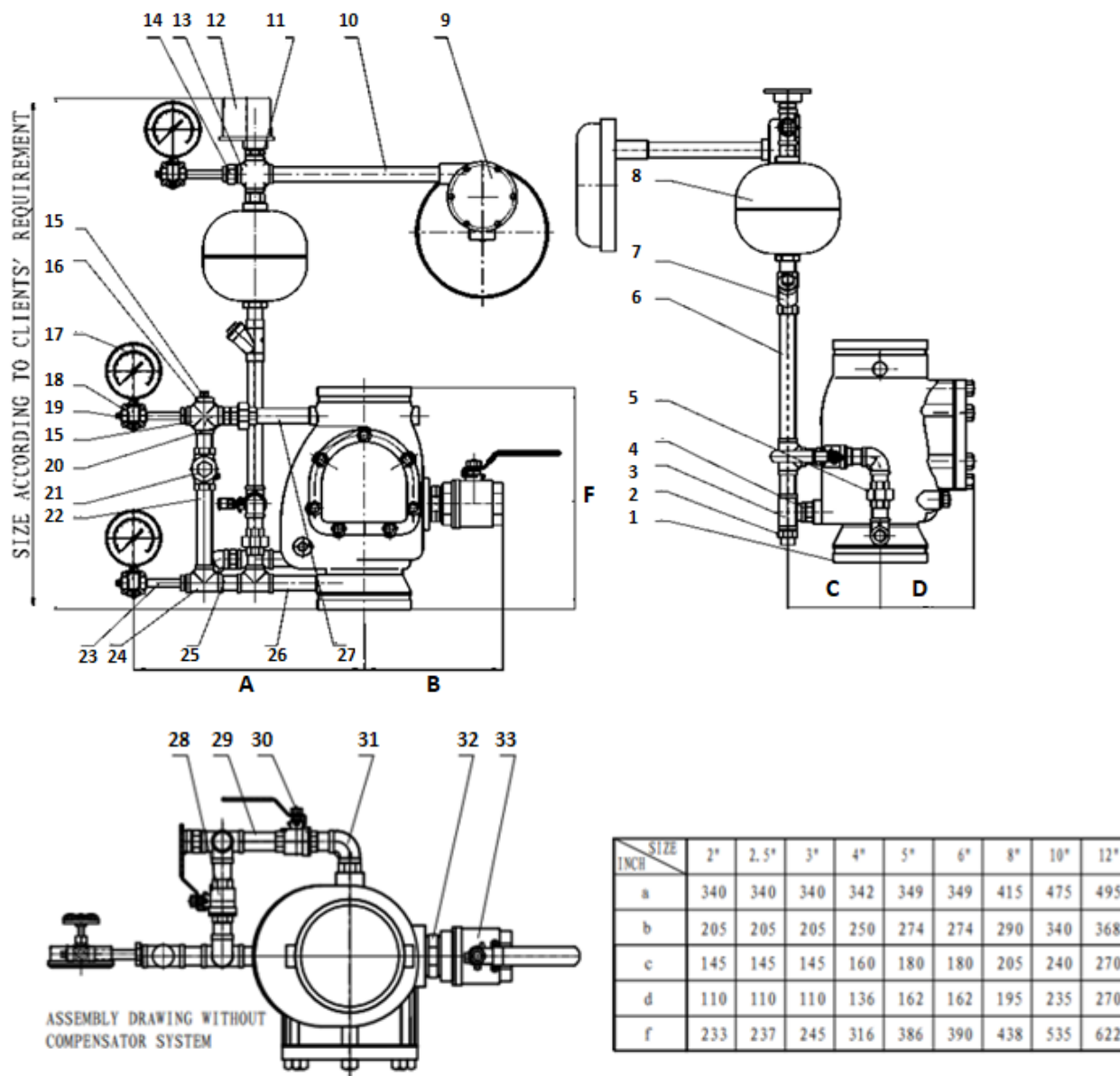
Example use of Alarm valve in an Alarm System

Installation Height of the Gong according to requirement.

Gong can be installed indoors or outdoors through a wall or per requirements.

External dimensions for reference only.

Assembly Drawing is without Compensator system.



No.	Material list	No.	Material list	No.	Material list
1	ALARM VALVE	12	PRESSURE SWITCH	23	NIPPLE
2	ORIFICE, RETARD	13	CROSS	24	TEE
3	TEE	14	REDUCER BUSHING	25	NIPPLE
4	NIPPLE	15	PLUG	26	NIPPLE
5	UNION	16	CROSS	27	NIPPLE
6	NIPPLE	17	PRESSURE GAUGE	28	BALL VALVE
7	Y STRAINER	18	3-WAY VALVE GAUGE	29	NIPPLE
8	RETARD CHAMBER	19	PLUG	30	BALL VALVE
9	GONG ASSEMBLY	20	ORIFICE, RETARD	31	ELBOW
10	NIPPLE	21	CHECK VALVE	32	NIPPLE
11	REDUCER	22	NIPPLE	33	BALL VALVE

HLW-001

HYDRANT LOCK

APPLICATION

- Ideal for securing exposed fire hydrants in public traffic areas.

FEATURES

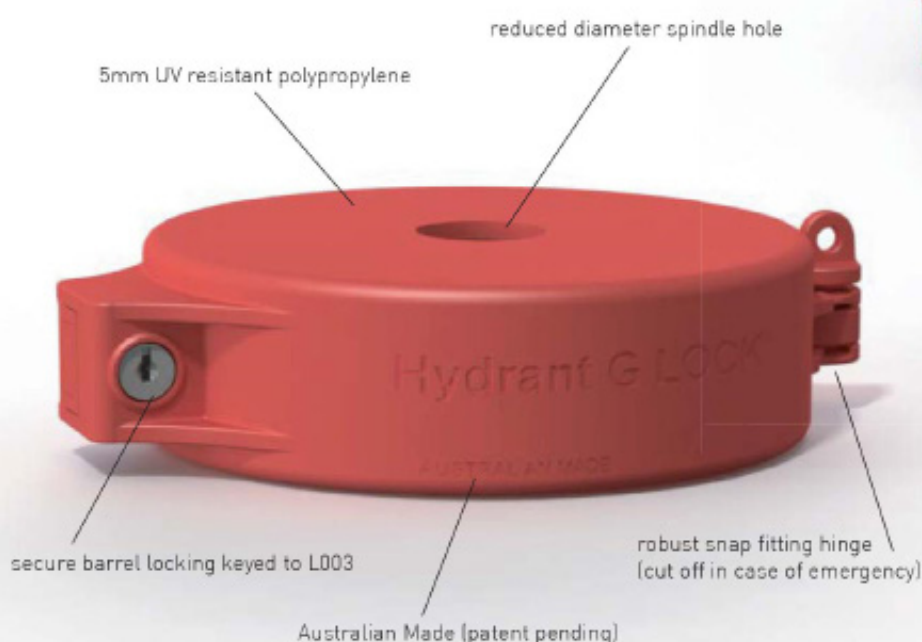
- Easy to install clamping lock.
- Lightweight and durable polypropylene.



Padlock Sold Separately

HLW-002

G LOCK



APPLICATION

- Ideal for securing exposed fire hydrants in public traffic areas.

FEATURES

- Easy to install clamping lock.
- In-built barrel eliminates the extra cost of securing your hydrant with padlocks.
- Snap lock hinge design provides a cut-away point in case of emergency.

KEYING

- The G Lock comes with L003 keying and is provided with 1 key to suit fire brigade standards.
- Additional L003 keys can be provided upon request.

MATERIALS

- Lightweight and durable polypropylene.
- UV and light stabilizers have been added to the material to increase product life in expose areas.
- Weatherfast pigment additives to prolong colour life.

The G Lock is a simple but effective development in hydrant security. By incorporating our L003 barrel, vandals no longer have an easy access point to break into the hydrant and you don't have the additional cost of a padlock to secure your product.

FIRE INDUSTRY SUPPLIES

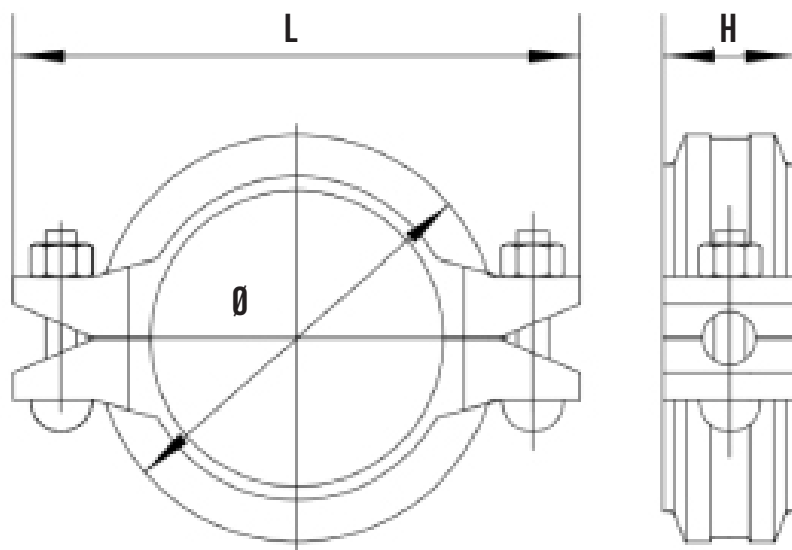


FIS Galvanised Fittings

ROLLED GROOVED RIGID COUPLING (GALVANISED)

RGR-050 → RGR-300

50, 65, 80, 100, 150, 200, 250, 300mm ROLLED GROOVED COUPLING

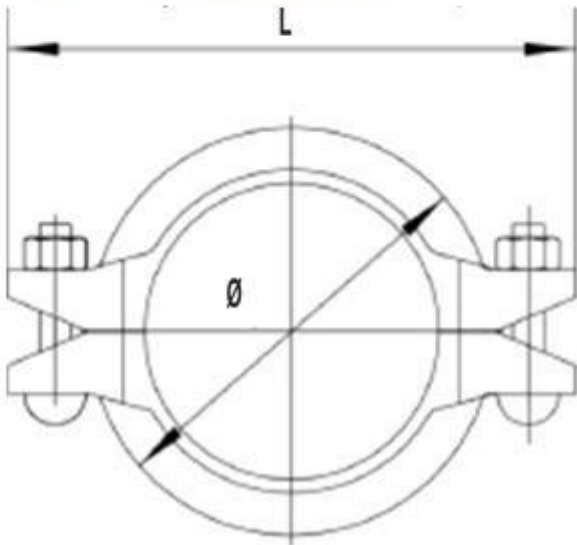


DIMENSIONS - WEIGHT

MODEL	mm	Pipe O.D mm	WORKING PRESSURE	BOLT SIZE	Ø	L	H	WEIGHT
RGR-050	50	60.3	300	2-M10*55	88.4mm	125mm	46mm	0.72
RGR-065	65	73.0	300	2-M10*55	102.2mm	140mm	46mm	0.83
RGR-080	80	88.9	300	2-M12*60	117.4mm	154mm	46mm	1.05
RGR-100	100	114.3	300	2-M12*65	146.6mm	190mm	48mm	1.35
RGR-150	150	165.1	300	2-M12*75	196.2mm	244mm	48mm	
RGR-200	200	219.1	300	2-M16*85	256.4mm	326mm	58mm	3.95
RGR-250	250	273	300	2-M20*100	316mm	426mm	64mm	7.60
RGR-300	300	323.9	300	2-M22*140	370mm	465mm	63mm	

RGP

Roll Groove Rigid Painted Couplings



MODEL	mm	Pipe O.D mm	WORKINGPRESSURE
RGP-065	65	76.1	300
RGP-100	100	114.3	300
RGP-150	150	165.1	300

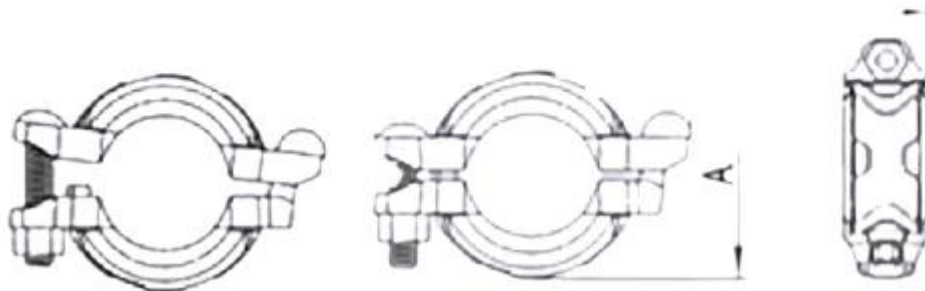
Push On Gal Couplings

RG1

Gal Rigid Push On Couplings



365 PSI Galvanized 1 Bolt Push on Rigid Couplings



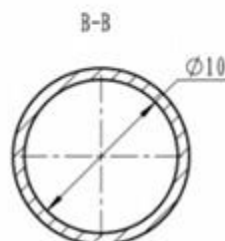
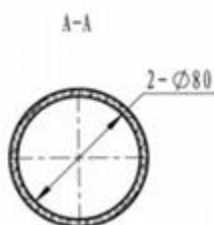
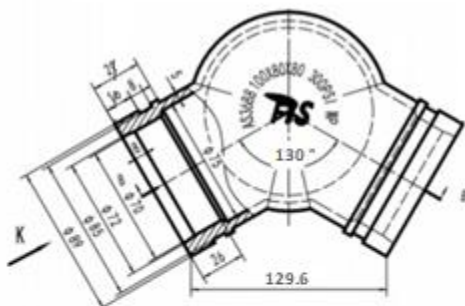
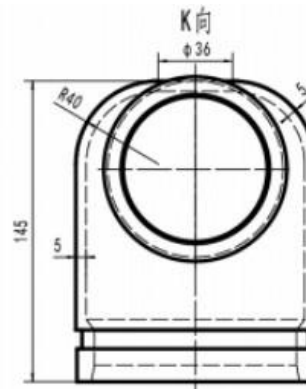
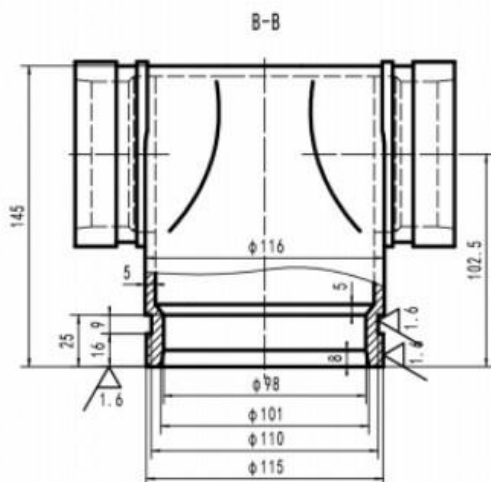
MODEL	mm	Pipe O.D mm	WORKINGPRESSURE
RG1-050	50	60.3	365 psi
RG1-065	65	76.1	365 psi
RG1-080	80	88.9	365 psi
RG1-100	100	114.3	365 psi
RG1-150	150	165.1	365 psi

Fire hydrant landing valve Bull nose tee

Galvanised roll grooved

BNT-001

Galvanised bull nose tee



Sample
in use.



RG hydrant TEE

Galvanised

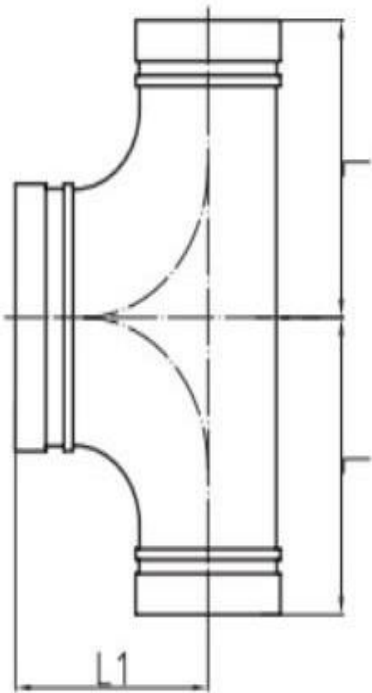


BNT-005

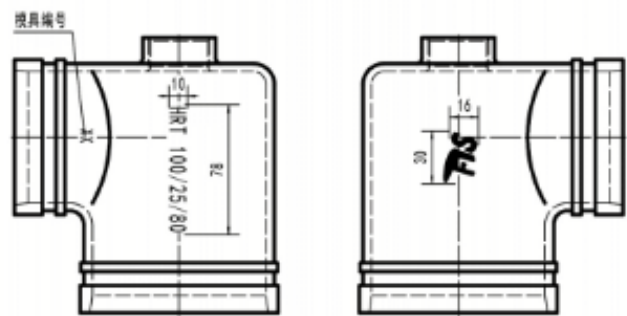
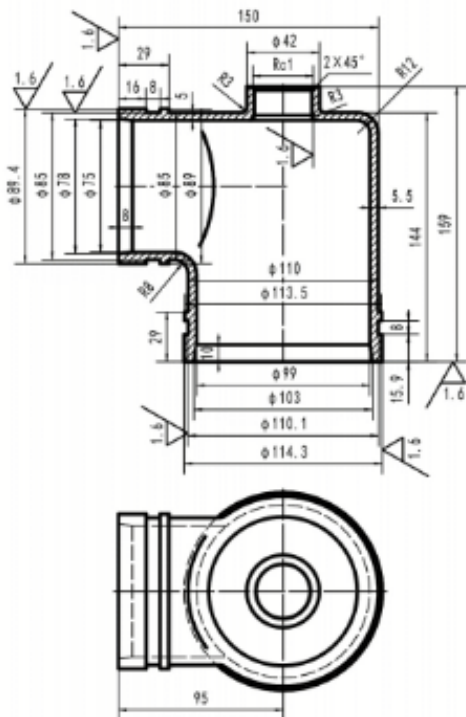
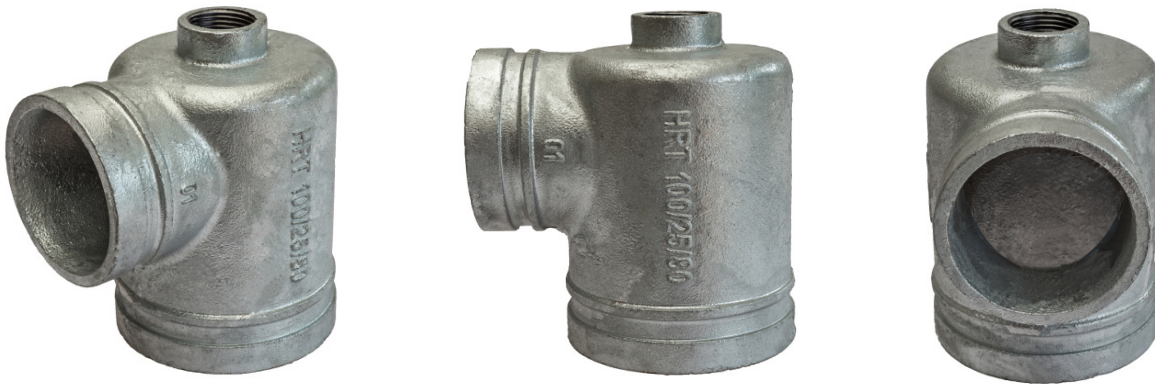
GalvanizedRGhydrantTEE



CODE	NOMINAL SIZE mm/in	PIPE O.D mm/in	WORKING PRESSURE PSI/MPA	DIMENSIONS L mm/in	DIMENSIONS L1 mm/in
BNT-005	80 x 80 x 100	88.9 x 88.9 x 114	300	127	102



x100 x80 x25mm



Mechanical Tee – RG

Galvanized



MTE- 043 → MTE -064

Mechanical Tee RG FM/UL



code	code mm	PIPE O.D.mm	working pressurePSI	HoleSaw + 1.6mm
MTE-042	100 x 50	114.3 x 60.3	300	61 +1.6mm
MTE -043	100 x 80	114.3 x 88.9	300	86 +1.6mm
MTE -062	150 x 50	165.1 x 60.3	300	61 +1.6mm
MTE -063	150 x 80	165.1 x 88.9	300	86 +1.6mm
MTE-064	150 x 100	165.1 x 114.3	300	114 +1.6mm



Mechanical Tee – Threaded

Galvanized



MTT- 041 → MTT -062

Mechanical tee ‘threaded’ FM/UL

code	code mm	PIPE O.D.mm	working pressure PSI	HoleSaw
MTT-132	32 x 25	42.4 x 33.7	300	30mm
MTT-140	40 X 25	48.3 x 33.7	300	30mm
MTT-150	50 X 25	60.3 x 33.7	300	38mm
MTT-232	50 X 32	60.3 x 33.7	300	46mm
MTT-240	50 X 40	60.3 x 33.7	300	46mm
MTT-041	100 x 25	114.3 x 33.7	300	38mm
MTT-042	100 x 50	114.3 x 60.3	300	61mm
MTT-061	150 x 25	165.1 x 33.7	300	38mm
MTT-062	150 x 50	165.1 x 60.3	300	61mm



u-Bolted Mechanical Tee(Threaded)

galvanised

UBT-132→ UBT-150

u-bolted mechanical tee threaded



CODE	NOMINAL SIZE mm	PIPE O.D mm	WORKING PRESSURE PSI	Hole saw
UBT-132	32 x 25	42.4 x 33.7	300	30 +1.6mm
UBT-140	40 x 25	48.3 x 33.7	300	30 +1.6mm
UBT-150	50 x 25	60.3 x 33.7	300	30 +1.6mm



CODE	NOMINAL SIZE mm	PIPE O.D mm	WORKING PRESSURE PSI	Hole saw
UBR-115	25 x 15	33.7 x 21.3	300	26 +1.6m

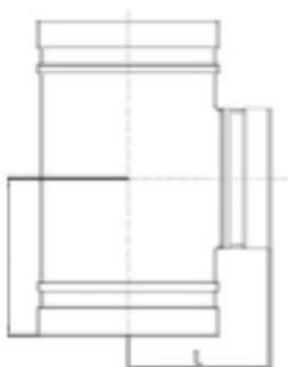
ROLL GROOVE TEE

Galvanized



RDT-042→RDT-064

Reducing Tee gal RG



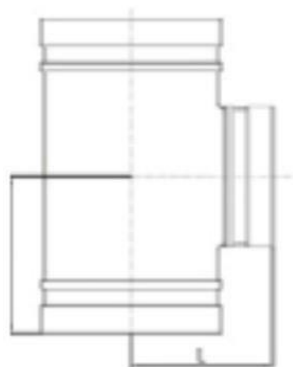
CODE	NOMINAL SIZE mm/in	PIPE O.D mm/in	WORKING PRESSURE PSI/MPA	L mm/in SHORT
RDT-042	100 x 100 x 50 4 x 4 x 2	114.3 x 114.3 x 60.3 4.5 x 4.5 x 2.375	300 2.07	102 4.016
RDT-425	100 x 100 x 65 4 x 4 x 3	114.3 x 114.3 x 76.1 4.5 x 4.5 x 2.996	300 2.07	102 4.016
RDT-043	100 x 100 x 80 4 x 4 x 3	114.3 x 114.3 x 88.9 4.5 x 4.5 x 3.5	300 2.07	102 4.016
RDT-063	150 x 150 x 80 6 x 6 x 3	165.1 x 165.1 x 88.9 6.5 x 6.5 x 3.5	300 2.07	140 5.512
RDT-064	150 x 150 x 100 6 x 6 x 4	165.1 x 165.1 x 114.3 6.5 x 6.5 x 4.5	300 2.07	140 5.512
RDT-084	200 x 200 x 100 8 x 8 x 4	219 x 219 x 114.3 8.5 x 8.5 x 4.5	232 1.6	175 6.89
RDT-086	200 x 200 x 150 8 x 8 x 6	219 x 219 x 165 8.5 x 8.5 x 6.5	232 1.6	175 6.89

ROLL GROOVE TEE

Galvanized

TEE-050 → TEE-300

Galvanized RG EQUAL TEE



CODE	NOMINAL SIZE Mm	PIPE O.D Mm	WORKING PRESSURE PSI	L mm SHORT
TEE-050	50	60.3	300	70
TEE-080	80	88.9	300	86
TEE-100	100	114.3	300	102
TEE-150	150	165.1	300	140
TEE-200	200	219.1	232	175
tee-250	250	273	232	215
TEE-300	300	323.9	232	245

RG Threaded reducing TEE

Galvanized

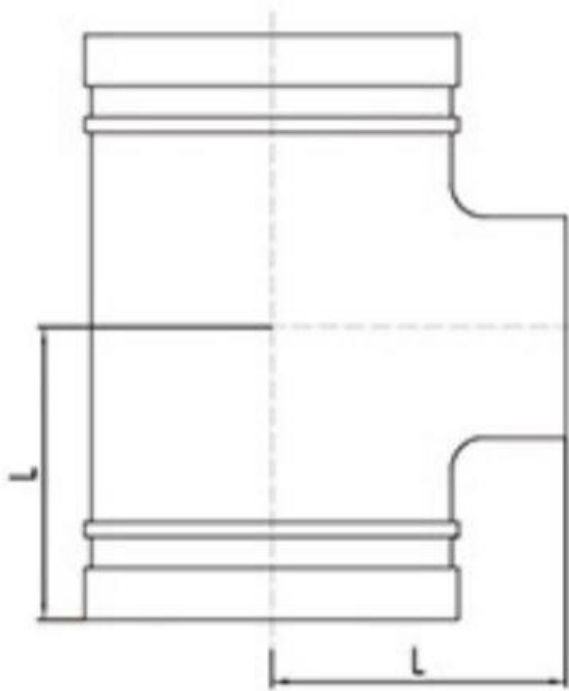


RTT-104

Reducing Tee RG Threaded Galvanized



CODE	NOMINAL SIZE mm	PIPE O.D mm	WORKING PRESSURE PSI	L mm SHORT
RTT-103	100 x 100 x 25	114.3 x 114.3 x 33.7	300	102
RTT-104	100 x 100 x 32	114.3 x 114.3 x 42.4	300	102
RTT-061	150 x 150 x 25	165.1 x 165.1 x 33.7	300	140



DRAINAGE 90°RG ELBOW

GALVANISED ROLL GROOVED

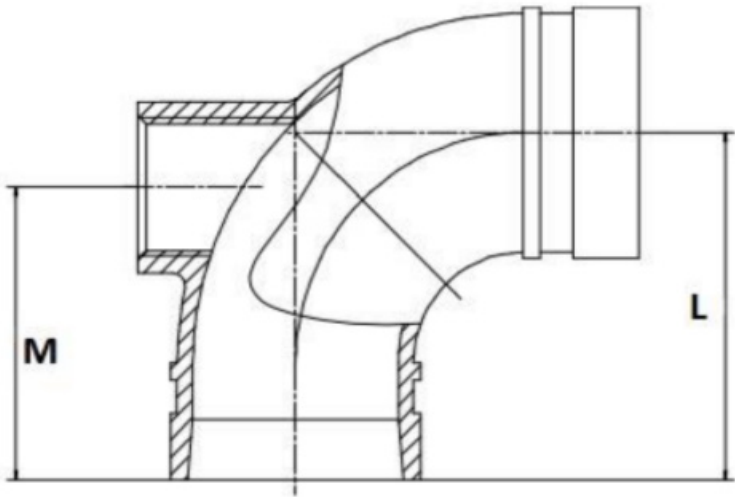


ELD-100 → ELD-150

RG DRAINAGE ELBOW 90° W/ 25mm THREADED F



CODE	NOMINAL SIZE mm	PIPE O.D in	WORKING PRESSURE MPa / PSI	L mm	M mm
ELD-100	100 X 25	114.3 X 33.7	2.07/300	127	70
ELD-150	150 X 25	165.1 X 33.7	2.07/300	165	70



ELBOWS 45 Degree

Galvanized ROLL GROOVED

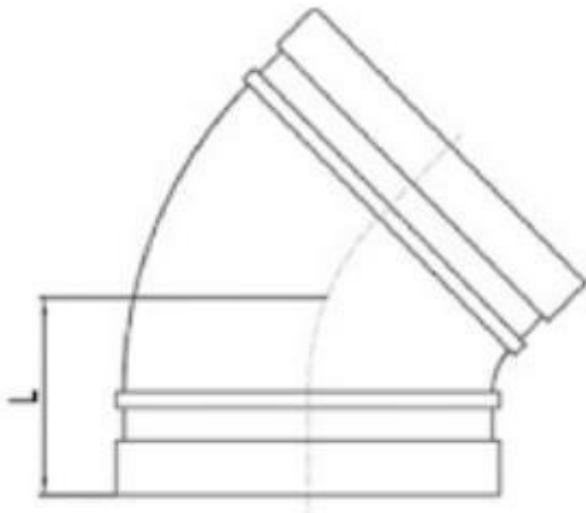


EL4-100 ➔ EL4-200

45° ELBOW RG Galvanized



CODE	NOMINAL SIZE mm/in	PIPE O.D mm/in	WORKING PRESSURE PSI	L Long Radius mm
EL4-100	100	114.3	300	76
EL4-150	150	165.1	300	89
EL4-200	200	219.1	300	108
EL4-250	250	273	300	121
EL4-300	300	323.9	300	133



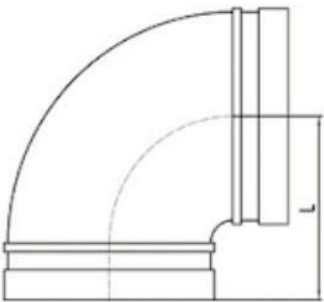
ELBOWS 90 Degree

Galvanized ROLL GROOVED



EL9-050 → EL9-300

90° ELBOW RG Galvanized



CODE	NOMINAL SIZE mm/in	PIPE O.D mm/in	WORKING PRESSURE PSI	L SHORT RADIUS mm
EL9-050	50	60.3	300	70
EL9-080	80	88.9	300	90
EL9-100	100	114.3	300	102
EL9-150	150	165.1	300	140
EL9-200	200	219.1	232	175
EL9-250	250	273	232	215
EL9-300	300	323.9	232	245

Concentric/ Eccentric reducers

Galvanized

con-043 → CON-064

RG Gal concentric reducers

CODE	NOMINAL SIZE	PIPE O.D mm	WORKING PRESSURE PSI	L mm
CON-252	65 x 60	76.1 x 60.3	300	64
CON-325	80 x 65	88.9 x 76.1	300	64
CON-350	80 x 50	88.9 x 60.3	300	64
CON-043	100 x 80	114.3 x 88.9	300	76
CON-063	150 x 80	165.1 x 88.9	300	102
CON-064	150 x 100	165.1 x 114.3	300	102
CON-086	200 x 150	219.1 x 165.1	232	127
CON-108	250 x 200	273 x 219.1	232	



ECC-325 → ECC-086

RG Gal Eccentric reducers

CODE	NOMINAL SIZE	PIPE O.D mm	WORKING PRESSURE PSI	L mm
ECC-325	80 x 65	88.9 x 76.1	300	67
ECC-043	100 x 80	114.3 x 88.9	300	102
ECC-064	150 x 100	165.1 x 114.3	300	102
ECC-086	200 x 150	219.1 x 165.1	232	130
ECC-108	250 x 200	273 x 219.1	232	



fwa-050 → fwa-100

Roll Groove to BSP Adaptor



CODE	NOMINAL SIZE mm	RG - Thread Size	WORKING PRESSURE PSI	LENGTH mm
FWA-050	50 x 50	2 - 2	300	66
FWA-065	65 x 65	2.5 - 2.5	300	75
FWA-080	80 x 80	3 - 3	300	80
FWA-100	100 x 100	4 - 4	300	80
FWA-150	150 x 150	6 - 6		124



Blank End cap

Galvanized

end-050➔ END-300

Galvanized blank end Cap



CODE	NOMINAL SIZE mm	PIPE O.D mm/in	WORKING PRESSURE PSI/MPA	DIMENSIONS L mm/in
END-050	50	60.3	300	26
END-065	65	76.1	300	28
END-080	80	88.9	300	28
END-100	100	114.3	300	28
END-150	150	165.1	300	28
END-200	200	219.1	232	36
END-250	250	273	232	36
END-300	300	323.9	232	36



Eccentric RG Test CAP

Galvanized



TEP →

Eccentric RG Gal Test Cap



CODE	NOMINAL SIZE Mm	PIPE O.D Mm	WORKING PRESSURE PSI
TEP-050	50 x 25	60.3 x 33.7	300
TEP-080	80 x 25	88.9 x 33.7	300
TEP-100	100 x 25	114.3 x 33.7	300
TEP-150	150 x 25	165.1 x 33.7	300
TEP-200	200 x 25	219.1 x 33.7	300
TEP-250	250 x 25	273 x 33.7	300
TEP-300	300 x 25	323.9 x 33.7	300

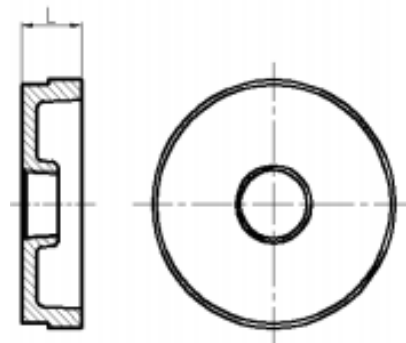


TCP-050 → TCP-150

Concentric RG Test CAP



CODE	NOMINAL SIZE mm	PIPE O.D mm	WORKING PRESSURE PSI/	DIMENSIONS L mm
TCP-050	50 x 25	60 x 33.7	300	25
TCP-065	65 x 25	76 x 33.7	300	25
TCP-080	80 x 25	89 x 33.7	300	25
TCP-100	100 x 25	114 x 33.7	300	27
TCP-150	150 x 25	165 x 33.7	300	27



Flange table E RG adaptor

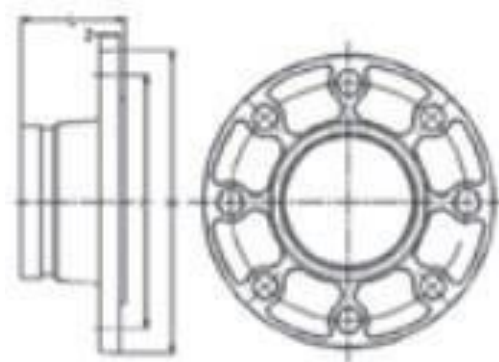
Galvanized

FGA-065 → FGA-300

Flange table E RG Adaptor



CODE	NOMINAL SIZE mm	PIPE O.D mm	WORKING PRESSURE PSI/	DIMENSIONS				Bolt/Nut
				L mm/in	X mm	Y mm	Z mm	No.-Size mm
FGA-065	65	76.1	300	65	162	127	16	4-M16
FGA-080	80	88.9	300	65	184	146	16	4-M16
FGA-100	100	114.3	300	70	216	178	16	8-M16
FGA-150	150	165.1	300	70	282	235	17	8-M20
FGA-200	200	219.1	300	80	337	292	19	2-M20
FGA-250	250	273	300	85	400	356	26	12-M20
FGA-300	300	323.9	300	100	455	406	26	12-M22

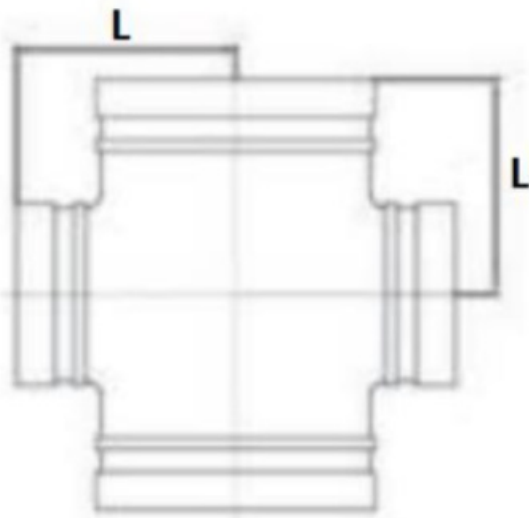


RDX-050 → RDX-625

RG GALVANISED CROSS



CODE	NOMINAL SIZE mm / in	PIPE O.D mm / in	WORKING PRESSURE MPa / PSI	L SHORT RADIUS M/in
RDX-050	50	60.3 X 60.3	300	70
RDX - 032	80 X 50	88.9X 60.3	300	86
RDX-425	100 X 65	114.3 X 76.1	300	102
RDX-625	150 X 65	165.1 X 76.1	300	140



SIGHT GLASS GAL CROSS

GALVANISED ROLL GROOVED

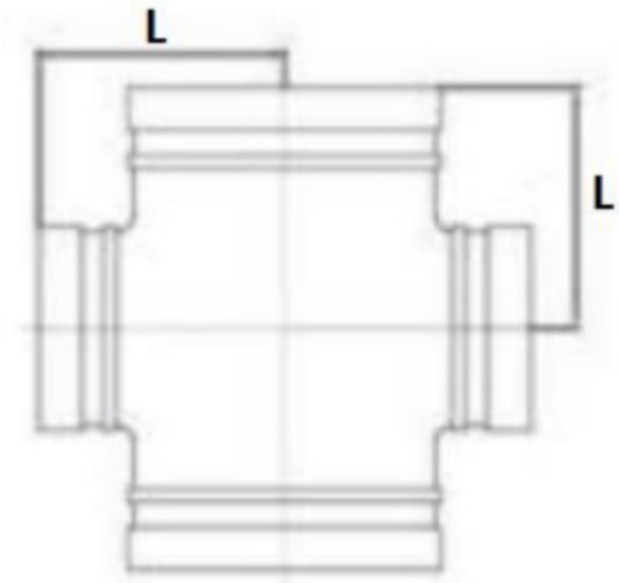


INV-050 → INV-625

RG GAL SIGHT GLASS



CODE	NOMINAL SIZE mm / in	PIPE O.D mm / in	WORKING PRESSURE MPa/PSI	L SHORT RADIUS M/in
INV-050	50	60.3 X 60.3	300	70
INV - 032	80 X 50	88.9X 60.3	300	86
INV-425	100 X 65	114.3 X 76.1	300	102
INV-625	150 X 65	165.1 X 76.1	300	140



FIRE INDUSTRY SUPPLIES



Hose Reels, UV Covers

FIRE HOSE NOZZEL LEVERS

BNL 001, BNL 002 & BNL 003

FIRE HOSE NOZZELS LEVER



BNL 001



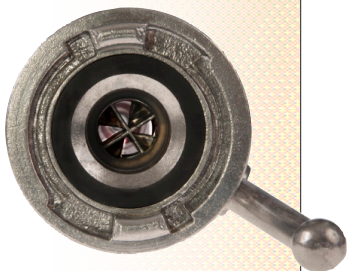
THREE MODELS

MODEL	NAME
BNL-001	Brass twist
BNT-002	Lever operated
BNL-003	65mm Storz Lever Nozzel

BNL 002



BNL 003



BACK OF HOSE



British Standard 6391



DETAILS

- Reinforcement: Polyester Filament
- Cover and Tube: Nitrile/ TPR blend tube, thin rib on cover provides better performance in abrasion resistance
- Application: Large diameter hose for water supply. Municipal, Industrial Fire Fighting, Premium Solution
- Length: 30M

WIDTH	SERVICE PRESSURE (PSI/BAR)	MINIMUM BURST PRESSURE (PSI/BAR)
38MM	220/15	660/45

PUL-001

SINGLE JACKET



FIRE HOSE FOR INTERIOR STANDPIPE, LINED, UNCOUPLED

Model: 1-1/2" Single jacketed fire hose for interior standpipes with TPU lining, hot melting adhesive and polyester jackets

Jacket: 100% virgin Polyester Jacket, Single Jacket, Twill or Plain Weave

Lining: Polyurethane (TPU) tube

Colour: White

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinets Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Premium solution for fire fighting.

Hose Standard: Meet or exceed UL219, ULC. FM Approval

Standard length: 30m (100ft)



MODEL	COLOUR	SIZE
PUL-001	WHITE	1.5 inch x 30 meter

SPECIFICATION			
I.D.		SERVICE PRESSURE	MINIMUM BURST PRESSURE
INCH	MM	(PSI/BAR)	(PSI/BAR)
1 1/2	38	250/17	750/51

HUV-016
HOSE REEL COVER VINYL

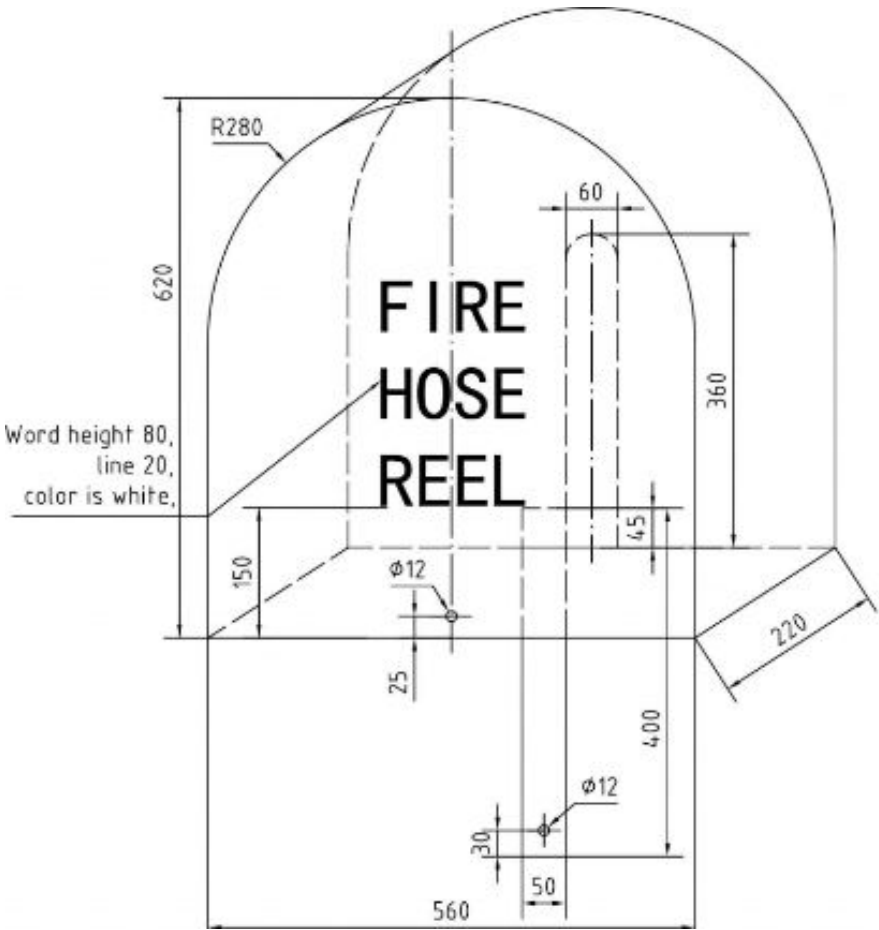


DETAILS

- FIS High Quality Fire Hose Reel Covers
- Great for protecting hose reels from the elements, dust and dirt.

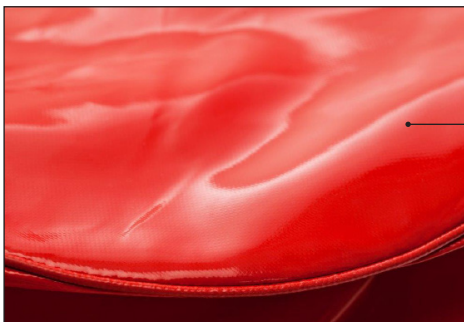
HOSE REEL HOOD - SPECIFICATIONS

MATERIAL	TERYLENE
COLOUR	RED (RAL 3000)



HUV-017

HOSE REEL COVER UV



DETAILS

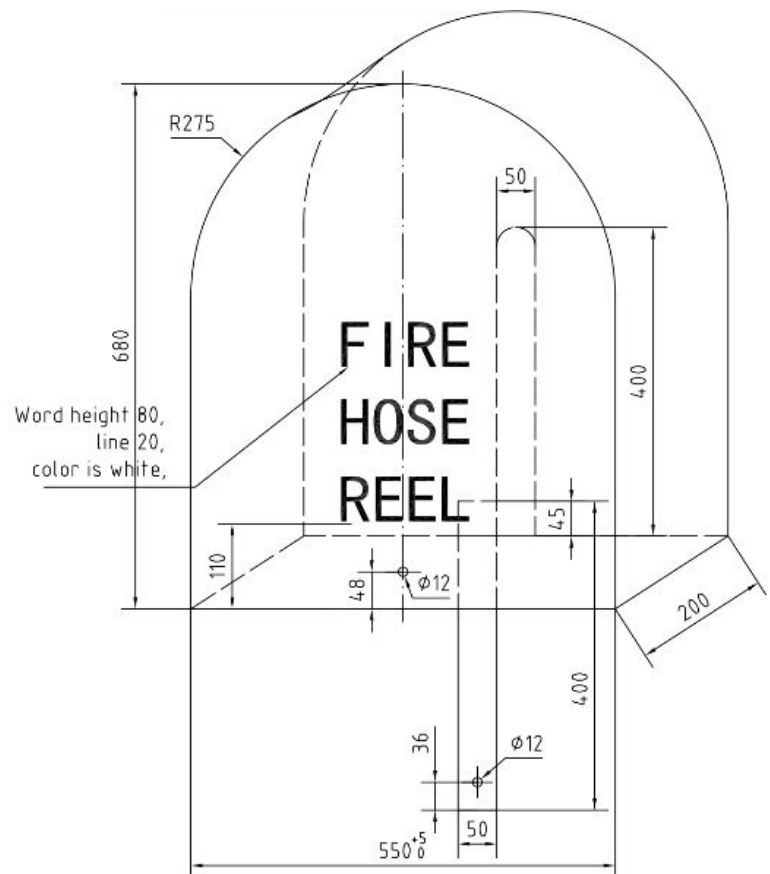
- FIS High Quality Fire Hose Reel Covers
- Great for protecting hose reels from the elements, dust and dirt.

HOSE REEL HOOD - SPECIFICATIONS

MATERIAL LEATHERWARE

COLOUR RED (RAL 3000)

ANTI UV FIVE YEARS



HRS-019

HOSE REEL COVERS ROUND

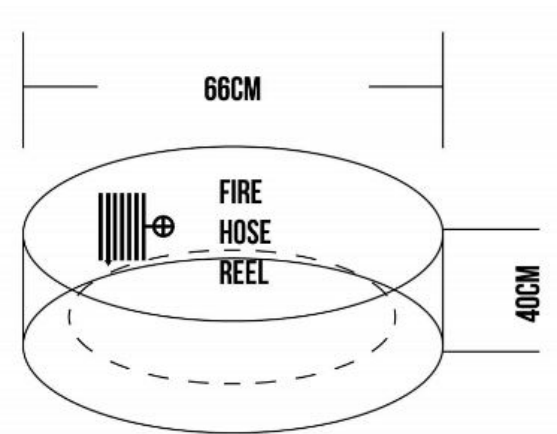


DETAILS

- FIS High Quality Fire Hose Reel Covers
- Great for protecting hose reels from the elements, dust and dirt.
- Elastic fitted

HOSE REEL HOOD - SPECIFICATIONS

MATIERAL	OXFORD CLOTH
COLOUR	RED (RAL 3000)



FIXED FIRE HOSE WITH SWIVEL ARM

HUB-010

36 METRE X 20MM SWIVEL ARM HOSE REEL

FEATURES/SPECIFICATIONS

- One Year Warranty from date of delivery (warranty covers cost of hose reel only)
- Approximately 21.4kg
- Easy to operate and maintain
- Meets Australian Standard requirements AS1221
- Side plates 1mm cold rolled steel
- RAL3000 polyester Epoxy power coating
- Unwind test through hose guide force $\leq 100\text{n}$
- FIS Fixed Fire Hose with swivel arm comes with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket.



SIZE	H (mm)	W (mm)	D (mm)	INLET	OUTLET
20MM X 36MM	530	550	250	1" BSP	SPRAY/JET/OFF

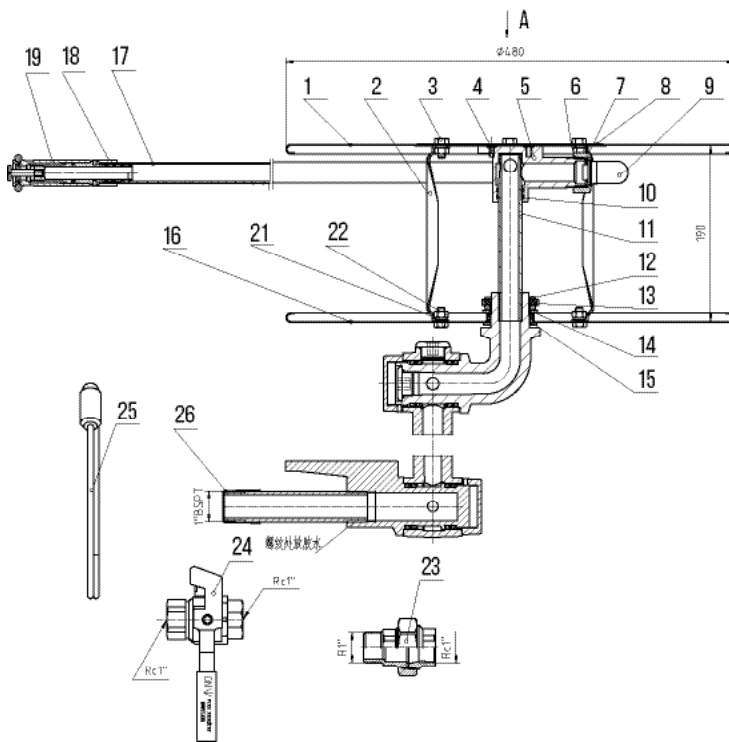
ITEM	DESCRIPTION
MODEL NUMBER	HRB 010
STD HOSE LENGTH & DIAMETER	36 Metres x 20mm Diameter
APPROVALS	AS/NZ 1221
MINIMUM INLET PRESSURE	220KPa
MAXIMUM WORKING PRESSURE	1200 KPA -test pressure 1800 KPA
FRONT AND BACK PLATES	Steel Signal Red
SUPPORT ASSEMBLY	Mild Steel Zinc Plated
GUIDE ARM	Swivel Zinc Plated

ITEM	DESCRIPTION
BALL VALVE ASSEMBLY	Zinc Coated Brass
NOZZLE	Twist Action Brass
PIPE	Galvanised
VALVE	Galvanised
GASKET	Rubber
ELBOW	Galvanised
MOUNTING PLATE	Steel Signal Red
INLET PIPE / UNION	Galvanised

FIXED FIRE HOSE WITH SWIVEL ARM

HRB-010

36METRE X 36MM SWIVEL ARM HOSE REEL



TECHNICAL REQUIREMENTS

1. The product according to Australian Standard AS/NZS 1221:1997 manufacturing, assembly and testing
2. Assembly for pressure testing, work pressure 12 bar, the test pressure 18bar
3. Disc surface coating UV polyester plastic (RAL 3000)
4. Circle by the side plate is subject to distortion ability to test both sides of the disc can not produce a permanent deformation of 5mm
5. Nozzle can be no more than 2Nm torque to open

PART	QTY	MATERIAL
1 DRUM	1	STEEL
2 SUPPORT	6	STEEL
3 SCREW	12	STEEL
4 RIVET	4	
5	1	AL
6 GLAND NUT	1	BRASS
7 SEAL	1	NBR
8 LABEL	1	PLASTIC
9 ELBOW	1	AL
10 O-RING	2	NBR
11 ROCKER ARM ASSEMBLY	1	
12 GLAND NUT	1	STEEL
13 SCREW	2	STEEL
14 GASKET	1	NYLON
15 COVER	1	ABS
16 DRUM	1	STEEL
17 3/4" X 36M HOSE	1	PVC
18 HOOK	2	STEEL
19 NOZZLE	1	
20 LABEL	1	
21 GASKET	12	STELL
22 NUT	12	STEEL
23 COUPLING ASSEMBLY	1	
24 BALL VAVLE ASSEMBLY	1	
25 GUIDE	1	
26 SCREW SHEATH	1	PE

FIS Fixed Fire Hose Reel come with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket



HRB-011

36METRE X 20MM STAINLESS STEEL FIXED HOSE

FEATURES/SPECIFICATIONS

- Suitable for marine applications
- One Year Warranty from date of delivery (warranty covers cost of hose reel only)
- Approximately 20kg
- Easy to operate and maintain
- Meets Australian Standard requirements AS1221
- 304 Stainless Steel
- Unwind test through hose guide force $\leq 100\text{n}$
- FIS Fixed Stainless Steel Fire Hose Reel comes with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket.



SIZE	H (mm)	W (mm)	D (mm)	INLET	OUTLET
20MM X 36MM	730	550	250	1" BSP	SPRAY/JET/OFF

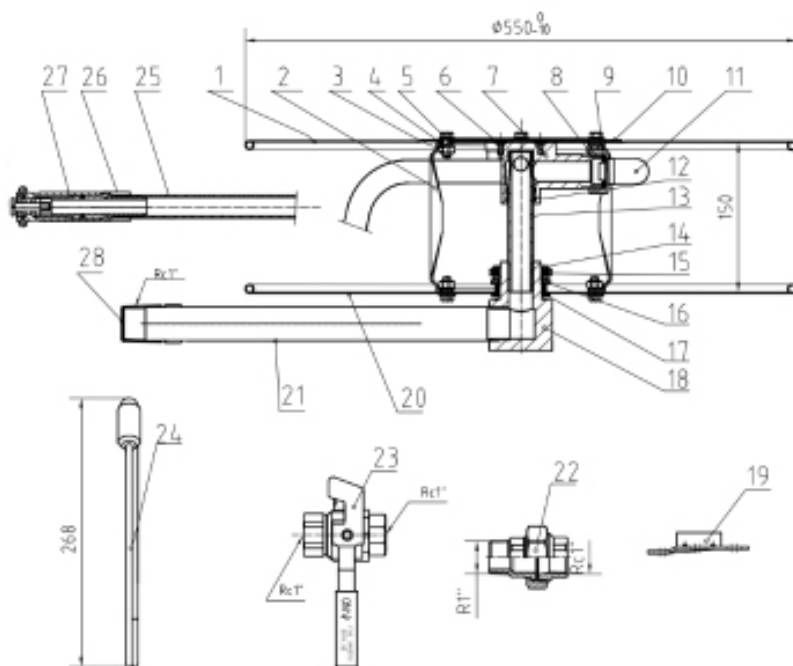
ITEM	DESCRIPTION
MODEL NUMBER	HRB 011
STD HOSE LENGTH & DIAMETER	36 Metres X 20mm Diameter
APPROVALS	AS/NZ 1221
MINIMUM INLET PRESSURE	220KPa
MAXIMUM WORKING PRESSURE	1200 KPA - test pressure 1300 KPA
FRONT AND BACK PLATES	Steel Signal Red
SUPPORT ASSEMBLY	Mild Steel Zinc Plated
GUIDE ARM	Swivel Zinc Plated

ITEM	DESCRIPTION
BALL VALVE ASSEMBLY	Zinc Coated Brass
NOZZLE	Twist Action Brass
PIPE	Galvanised
VALVE	Galvanised
GASKET	Rubber
ELBOW	Galvanised
MOUNTING PLATE	Steel Signal Red
INLET PIPE / UNION	Galvanised

FIXED FIRE HOSE REEL

HRB-011

36METRE X 20MM STAINLESS STEEL FIXED HOSE



TECHNICAL REQUIREMENTS

1. The product according to Australian Standard AS/NZS 1221:1997
2. Assembly for pressure testing, work pressure 12 bar, the test pressure 18bar
3. DISC Stainless steel
4. Circle by the side plate is subject to distortion ability to test both sides of the disc can not produce a permanent deformation of 5mm
5. Nozzle can be no more than 2Nm torque to open
6. With a description

PART	QTY	MATERIAL
1 DRUM	1	STAINLESS STEEL
2 SUPPORT	6	STEEL
3 NUT	12	STEEL
4 GASKET	12	STEEL
5 SCREW	12	STEEL
6 RIVET	4	
7 ADAPTER	1	AL
8 GLAND NUT	1	AL
9 SEAL	1	NBR
10 LABEL	1	AL
11 ELBOW	1	AL
12 O RING	2	NBR
13 GLAND NUT	1	STEEL
14 GLAND NUT	1	STEEL
15 SCREW	2	STEEL
16 GASKET	1	NYLON
17 COVER	1	ABS
18 VALVE	1	AL
19 FIXER	1	STEEL
20 DRUM	1	STAINLESS STEEL
21 PIPE ASSEMBLY	1	
22 COUPLING ASSEMBLY	1	
23 BALL VALVE ASSEMBLY	1	
24 GUIDE	1	
25 HOSE	1	PVC
26 HOOP	2	STEEL
27 NOZZLE	1	

FIS Fixed Stainless Steel Fire Hose Reel come with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket



HRB-012

36METRE X 20MM RED FIXED HOSE

FEATURES/SPECIFICATION

- One Year Warranty from date of delivery (warranty covers cost of hose reel only)
- Approximately 20kg
- Easy to operate and maintain
- Meets Australian Standard requirements AS1221.
- Side plates 1mm cold rolled steel
- RAL3000 Polyester Epoxy power coating
- Unwind test through hose guide force $\leq 100\text{n}$
- FIS Fixed Fire Hose Reel comes with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket.



SIZE	H (mm)	W (mm)	D (mm)	INLET	OUTLET
20MM X 36MM	730	550	250	1" BSP	SPRAY/JET/OFF

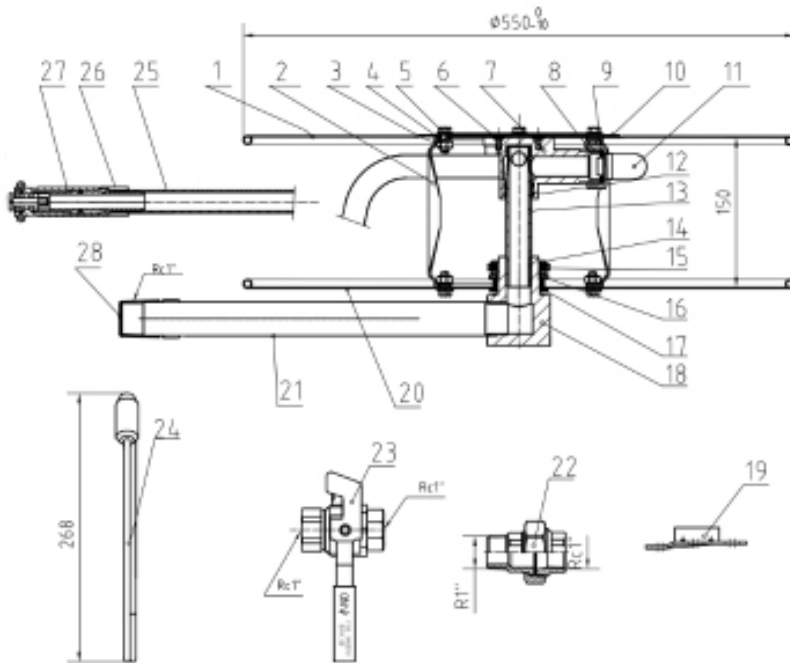
ITEM	DESCRIPTION
MODEL NUMBER	HRB 012
STD HOSE LENGTH & DIAMETER	36 Metres x 20mm Diameter
APPROVALS	AS/NZ 1221
MINIMUM INLET PRESSURE	220KPa
MAXIMUM WORKING PRESSURE	1200 KPA -test pressure 1800 KPA
FRONT AND BACK PLATES	Steel Signal Red
SUPPORT ASSEMBLY	Mild Steel Zinc Plated
GUIDE ARM	Swivel Zinc Plated

ITEM	DESCRIPTION
BALL VALVE ASSEMBLY	Zinc Coated Brass
NOZZLE	Twist Action Brass
PIPE	Galvanised
VALVE	Galvanised
GASKET	Rubber
ELBOW	Galvanised
MOUNTING PLATE	Steel Signal Red
INLET PIPE / UNION	Galvanised

FIXED FIRE HOSE REEL

HRB-012

36METRE X 20MM RED FIXED HOSE



TECHNICAL REQUIREMENTS

1. The product according to Australian Standard AS/NZS 1221:1997
2. Assembly for pressure testing, work pressure 12 bar, the test pressure 18bar
3. Disc surface coating UV polyester plastic (RAL 3000)
4. Circle by the side plate is subject to distortion ability to test both sides of the disc can not produce a permanent deformation of 5mm
5. Nozzle can be no more than 2Nm torque to open
6. With a description

PART QTY MATERIAL

1	DRUM	1	STEEL
2	SUPPORT	6	STEEL
3	NUT	12	STEEL
4	GASKET	12	STEEL
5	SCREW	12	STEEL
6	RIVET	4	
7	ADAPTER	1	AL
8	GLAND NUT	1	AL
9	SEAL	1	NBR
10	LABEL	1	AL
11	ELBOW	1	AL
12	O RING	2	NBR
13	GLAND NUT	1	STEEL
14	GLAND NUT	1	STEEL
15	SCREW	2	STEEL
16	GASKET	1	NYLON
17	COVER	1	ABS
18	VALVE	1	AL
19	FIXER	1	STEEL
20	DRUM	1	STEEL
21	PIPE ASSEMBLY	1	
22	COUPLING ASSEMBLY	1	
23	ASSEMBLY	1	
24	GUIDE	1	
25	HOSE	1	PVC
26	HOOP	2	STEEL
27	NOZZLE	1	

FIS Fixed Fire Hose Reel come with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket



HRB-013

36METRE X 20MM BLACK HOSE, FIXED REEL

FEATURES /SPECIFICATIONS

- ONE YEAR WARRANTY FROM DATE OF DELIVERY (WARRANTY COVERS COST OF HOSE REEL ONLY)
- APPROXIMATELY 20KG
- EASY TO OPERATE AND MAINTAIN
- MEETS AUSTRALIAN STANDARD REQUIREMENTS AS1221
- SIDE PLATES 1MM COLD ROLLED STEEL
- RAL3000 POLYESTER EPOXY POWER COATING
- UNWIND TEST THROUGH HOSE GUIDE FORCE $\leq 100N$
- FIS FIXED FIRE HOSE REEL COMES WITH ALL PARTS REQUIRED, INCLUDING 25MM BALL VALVE (INCLUDING NOZZLE LOCKING DEVICE), HOSE GUIDE AND WALL BRACKET.
- **ALSO AVAILABLE IN:**
HOSE/ NOZZLE SIZE 25MM.



SIZE	H (mm)	W (mm)	D (mm)	INLET	OUTLET
20MM X 36MM	730	550	250	1" BSP	SPRAY/JET/OFF

ITEM	DESCRIPTION
MODEL NUMBER	HRB 013
STD HOSE LENGTH & DIAMETER	36 METRES X 20MM DIAMETER
APPROVALS	AS/NZ 1221
MINIMUM INLET PRESSURE	220KPA
MAXIMUM WORKING PRESSURE	1200 KPA -TEST PRESSURE 1800 KPA
FRONT AND BACK PLATES	STEEL SIGNAL RED
SUPPORT ASSEMBLY	MILD STEEL ZINC PLATED
GUIDE ARM	SWIVEL ZINC PLATED

ITEM	DESCRIPTION
BALL VALVE ASSEMBLY	ZINC COATED BRASS
NOZZLE	TWIST ACTION BRASS
PIPE	GALVANISED
VALVE	GALVANISED
GASKET	RUBBER
ELBOW	GALVANISED
MOUNTING PLATE	STEEL SIGNAL RED
INLET PIPE / UNION	GALVANISED

25mm Fixed Hose Reel



HRB-025

36metre x 25mm Hose, Fixed Reel



Hose/ Nozzle

Size 25mm

- One Year Warranty from date of delivery
- (warranty covers cost of hose reel only)
- Approximately 20kg
- Easy to operate and maintain
- Meets Australian Standard requirements AS1221
- Side plates 1mm cold rolled steel
- RAL3000 Polyester Epoxy power coating
- Unwind test through hose guide force $\leq 100\text{n}$
- FIS Fixed Fire Hose Reel comes with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket.



item	description
Model number	HRB 025
Std Hose Length & Diameter	36 Metres x 25mm Diameter
Approvals	AS/NZ 1221
Minimum Inlet Pressure	220KPa
Maximum Working Pressure	1200 KPA -test pressure 1800 KPA
Front and Back Plates	Steel Signal Red
Support Assembly	Mild Steel Zinc Plated
Guide Arm	Swivel Zinc Plated

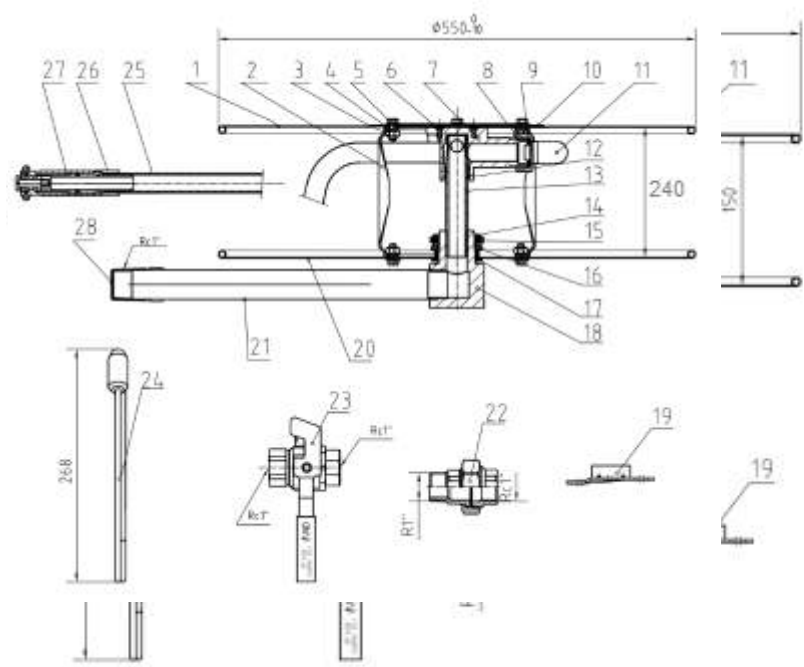
size	H (mm)	w (mm)	D (mm)	Inlet	Outlet
25mm x 36mm	730	550	250	1" BSP	Spray/jet/off

item	Description
Ball Valve Assembly	Zinc Coated Brass
Nozzle	Twist Action Brass
Pipe	Galvanised
Valve	Galvanised
Gasket	Rubber
Elbow	Galvanised
Mounting Plate	Steel Signal Red
Inlet Pipe / Union	Galvanised

25mm Fixed Hose Reel

HRB-025

36metre x 25mm Hose, Fixed Reel



Technical requirements

- 1. The product according to Australian Standard AS/NZS 1221:1997
- 2. Assembly for pressure testing, work pressure 12 bar, the test pressure 18bar
- 3. Disc surface coating UV polyester plastic (RAL 3000)
- 4. Circle by the side plate is subject to distortion ability to test both sides of the disc cannot produce a permanent deformation of 5mm
- 5. Nozzle can be no more than 2Nm torque to open
- 6. With a description

PART		qty	material
1	DRUM	1	STEEL
2	SUPPORT	6	STEEL
3	NUT	12	Steel
4	Gasket	12	STEEL
5	SCREW	12	STEEL
6	RIVET	4	
7	ADAPTER	1	AL
8	GLAND NUT	1	AL
9	SEAL	1	NBR
10	LABEL	1	AL
11		1	AL
12	O RING	2	NBR
13	GLAND NUT	1	steel
14	Gland nut	1	steel
15	Screw	2	steel
16	Gasket	1	nylon
17	Cover	1	abs
18	Valve	1	al
19	Fixer	1	steel
20	Drum	1	steel
21	Pipe ammembly	1	
22	Coupling assembly	1	
23	Ball valve assembly	1	
24	Guide	1	
25	Hose	1	pvc
26	Hoop	2	steel
27	Nozzle	1	
28	Screw sheath	1	PE
29	Label	1	sticker

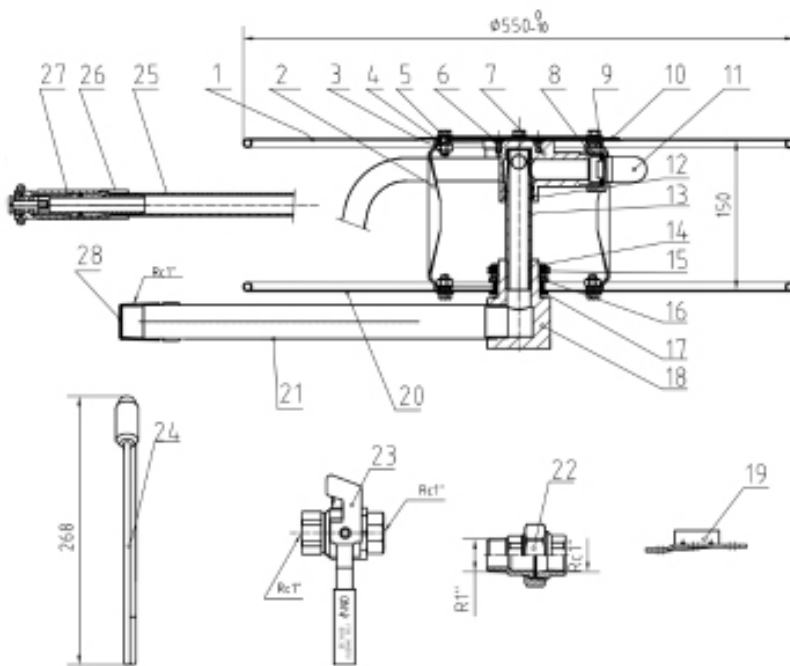
FIS Fixed Fire Hose Reel come with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket



FIXED FIRE HOSE REEL

HRB-013

36METRE X 20MM BLACK FIXED HOSE



TECHNICAL REQUIREMENTS

1. The product according to Australian Standard AS/NZS 1221:1997
2. Assembly for pressure testing, work pressure 12 bar, the test pressure 18bar
3. Disc surface coating UV polyester plastic (RAL 3000)
4. Circle by the side plate is subject to distortion ability to test both sides of the disc can not produce a permanent deformation of 5mm
5. Nozzle can be no more than 2Nm torque to open
6. With a description

PART QTY MATERIAL

PART	QTY	MATERIAL
1 DRUM	1	STEEL
2 SUPPORT	6	STEEL
3 NUT	12	STEEL
4 GASKET	12	STEEL
5 SCREW	12	STEEL
6 RIVET	4	
7 ADAPTER	1	AL
8 GLAND NUT	1	AL
9 SEAL	1	NBR
10 LABEL	1	AL
11	1	AL
12 O RING	2	NBR
13 GLAND NUT	1	STEEL
14 GLAND NUT	1	STEEL
15 SCREW	2	STEEL
16 GASKET	1	NYLON
17 COVER	1	ABS
18 VALVE	1	AL
19 FIXER	1	STEEL
20 DRUM	1	STEEL
21 PIPE AMMEMBLY	1	
22 COUPLING ASSEMBLY	1	
23 BALL VALVE ASSEMBLY	1	
24 GUIDE	1	
25 HOSE	1	PVC
26 HOOP	2	STEEL
27 NOZZLE	1	

FIS Fixed Fire Hose Reel come with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket



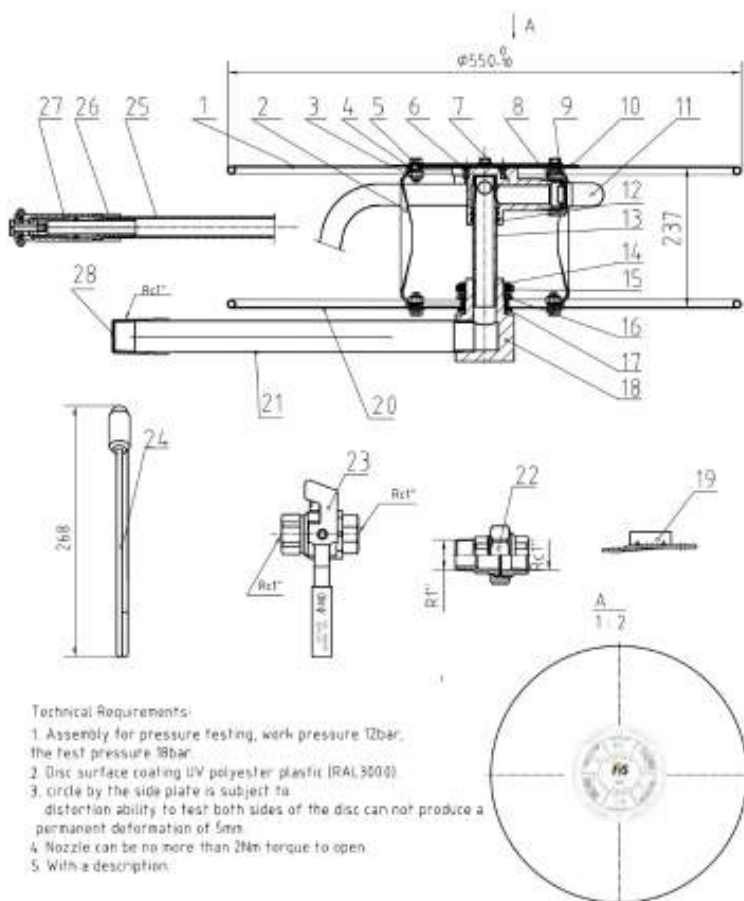
FIXED FIRE HOSE REEL (50M)

HRB-050

50METRE X 20MM BLACK HOSE, FIXED REEL

FEATURES /SPECIFICATIONS

- One Year Warranty from date of delivery (warranty covers cost of hose reel only)
- Approximately 28kg
- Easy to operate and maintain
- Side plates 1mm cold rolled steel
- RAL3000 Polyester Epoxy power coating
- Unwind test through hose guide force $\leq 100\text{n}$
- FIS Fixed Fire Hose Reel comes with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket.

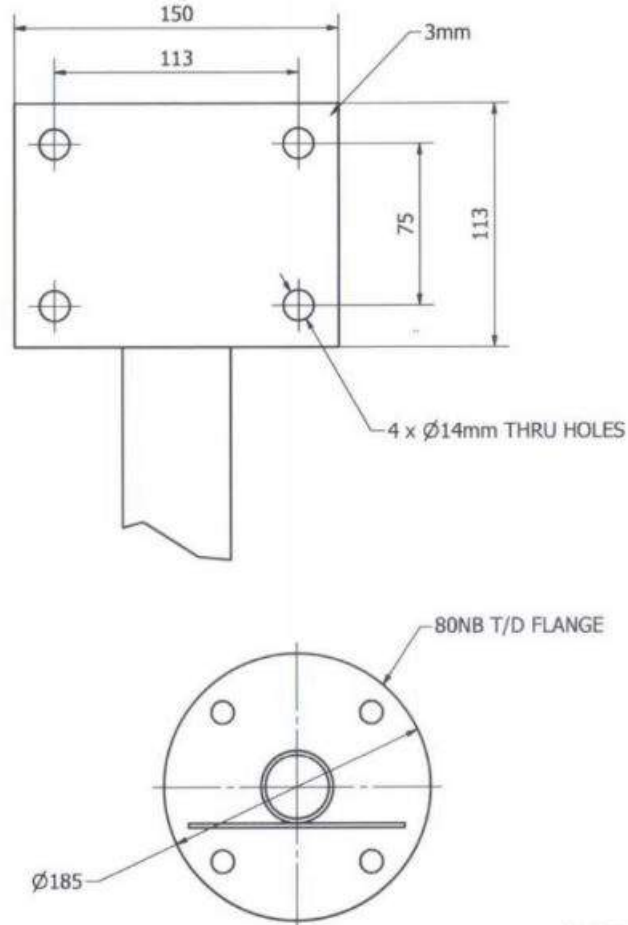
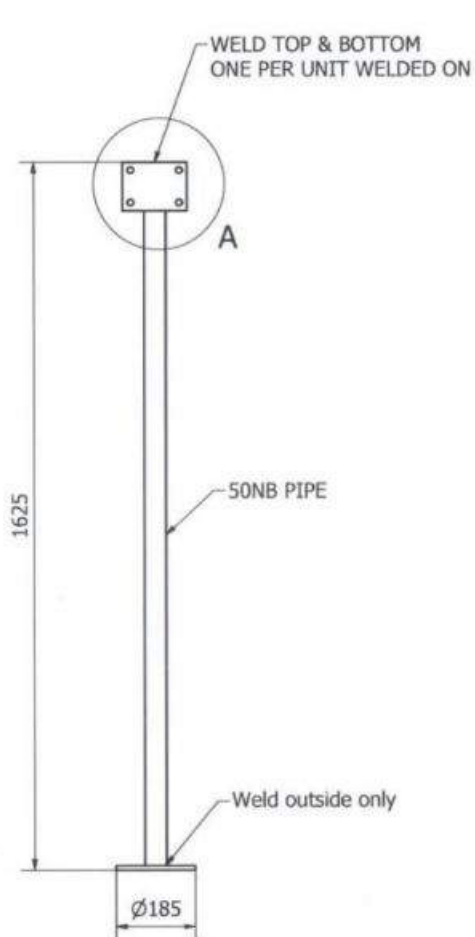
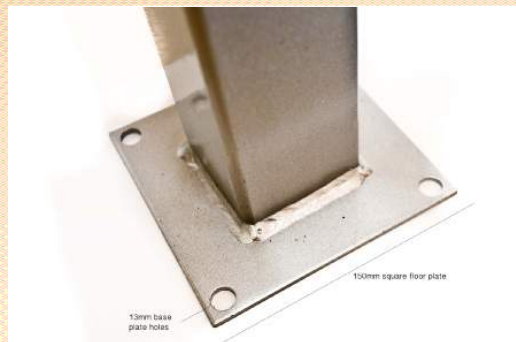


PART	QTY	MATERIAL
1 DRUM	1	STEEL
2 SUPPORT	6	STEEL
3 NUT	12	STEEL
4 GASKET	12	STEEL
5 SCREW	12	STEEL
6 RIVET	4	
7 ADAPTER	1	AL
8 GLAND NUT	1	AL
9 SEAL	1	NBR
10 LABEL	1	AL
11 ELBOW	1	AL
12 O RING	2	NBR
13 PIPE	1	STEEL
14 GLAND NUT	1	STEEL
15 SCREW	2	STEEL
16 GASKET	1	NYLON
17 COVER	1	ABS
18 VALVE	1	AL
19 FIXER	1	STEEL
20 DRUM	1	STEEL
21 PIPE ASSEMBLY	1	
22 COUPLING ASSEMBLY	1	
23 BALL VALVE ASSEMBLY	1	
24 GUIDE	1	
25 HOSE 3/4" x 50cm	1	PVC
26 HOOP	2	STEEL
27 NOZZLE	1	

HOSE REEL STAND

HRB-014

HOSE REEL STAND



GAL OR POWER COAT RED GLOSS

FIRE INDUSTRY SUPPLIES



CONTACT +61 411 103 846
149 Newlands Road,
Coburg North, 3058 Vic Australia

Pressure tanks, hole saws & Pumps



PTR-025

Pressure Tanks



- **24 Liter – 25 Bar**
- **Replaceable Counter Flange**
- **Replaceable Membrane**
- **Max Temperature 90 Degree**
- **Factory Pre-Charge: 1.9 Bar**

"Italian Bladder"

Model	COLOUR	CAPACITY	MAX BAR	S(mm)	h(mm)	CONNECTOR	VOLUME
PTR-025	Red	24	25	270	465	1"	27.5x27.5x47cm

FIS Pressure tanks are widely used in water supply systems. Hot water supply system, heating system, boiler, water hammer system, fire protection system and air condition system. When water pressure increasing in a close pipeline system, FIS pressure tank will absorb the pressure. FIS pressure tanks also release the pressure when the water pressure is down. These pressure tanks are made of carbon steel and MIG welding with no sharp cutting edges inside the tank.

FIS Stainless tank life span is endless. Only the membrane is replaceable if server-maintenance is required. Overall, a high-quality reliable pressure vessel.



[Click Here for Pressure Guide Page](#)

PTW-016

PRESSURE TANK



WM-022521
IAPMO-WM
022521-I01-R00



FEATURES

- Water mark WM-022521
- Replaceable counter-flange
- Replaceable membrane
- Max. Temp 90
- Factory Pre-Charge: 2.5 Bar
- 24 hour air tightness test
- Quality tested for structural integrity



MODEL	COLOUR	CAPACITY	MAX BARS
PTW-016	Blue	18	16

FIS Pressure Tanks are widely used in water supply systems.

Hot water supply system, heating system, boiler, water hammer system, fire protection system and air condition system.

When water pressure increases in a close pipeline system, FIS pressure tank will absorb the pressure.

FIS pressure tanks also release the pressure when the water pressure is down.

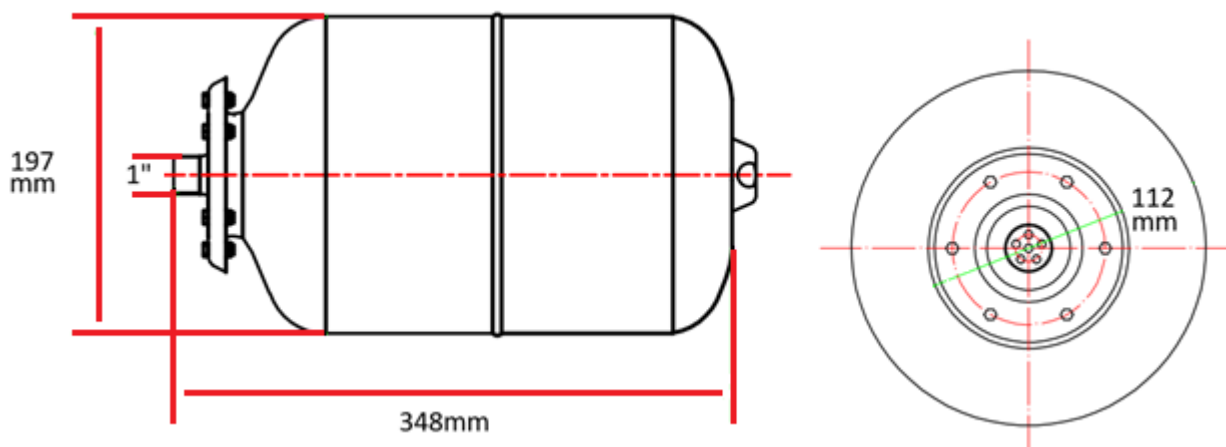
These pressure tanks are made of carbon steel and MIG welding with no sharp cutting edges inside the tank.

8 Liter 16 Bar pressure Tank

PTR-816

PRESSURE TANK

8 Liter x 16 Bar Pressure tank “Italian” Bladder



Model	COLOUR	CAPACITY	MAX BARS	D (mm)	H (mm)	CONNECTOR	VOLUME
PTR-816	Red	8 Liter	16	197	348	1"	21x21x34cm

FIS Pressure tanks are widely used in water supply systems. Hot water supply system, heating system, boiler, water hammer system, fire protection system and air condition system.

[**Click Here for Pressure Guide Page**](#)

Below is an indication only on recharge air pressure into vessel.

Caution

- **Do Not Recharge Tank More Than 800 Kpa of Air.**
- **Use a pressure tester to identify correct air pressure after emptying water in tank.**
- **Do Not Test Air Pressure While Water In Tank.**
- **Do not use finger nail to test air pressure.**

Air pressure

- Pressure switch cut in pressure 600 Kpa & cut out pressure 800 Kpa
Air pressure = 420 Kpa (600×0.7)
- Pressure switch cut in pressure 700 Kpa & cut out pressure 900 Kpa
Air pressure = 490 Kpa (700×0.7)
- Pressure switch cut in pressure 800 Kpa & cut out pressure 1000 Kpa
Air pressure = 560 Kpa (800×0.7)
- Pressure switch cut in pressure 900 Kpa & cut out pressure 1100 Kpa
Air pressure = 630 Kpa (900×0.7)
- Pressure switch cut in pressure 1000 Kpa & cut out pressure 1200 Kpa
Air pressure = 700 Kpa (1000×0.7)

HOL-016 → HOL-207

FIS HOLE SAW



MADE FROM BI-METAL CORBALT HIGH SPEED STEEL

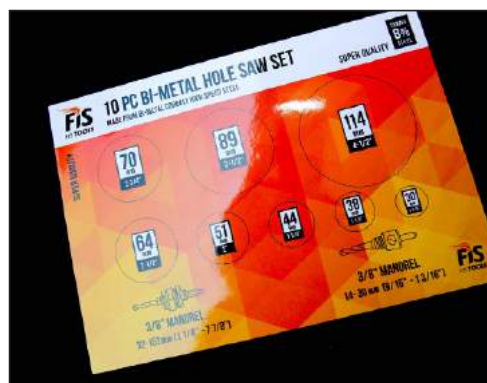
SUPER QUALITY

COBALT
8%
STEEL

- Finely toothed, 6TPI CONSTANT PITCH, made of high quality, 8% cobalt-alloyed bi-metal for clean and fast cuts with a long lifetime.
- Cutting Safely and efficiently, the best way to cut large Holes, clearing the chips in tough materials.
- Diameters from 13/16" - 4 1/2" (30-114mm)
- Cutting Depth: 1-1/2" (38mm) and 1-7/8" (47mm).
- Can be used in portable electric or pneumatic tools, vertical drill
- Machines, lathe, boring/milling machines and other machine tools.
- Cuts through stainless steel and other materials pipe, nail-embedded, wood, hard wood floors, plywood and plastics.



SPECIFICATIONS		
MODEL	INCH	MM
HOL-016		16
HOL-020		20
HOL-025		25
HOL-030	1-3/16"	30
HOL-038	1-1/2"	38
HOL-044	1-3/4"	44
HOL-051	2"	51
HOL-064	2-1/2"	64
HOL-070	2-3/4"	70
HOL-089	3-1/2"	89
HOL-114	4-1/2"	114
HOL-200	10 Pc Bi-Metal hole saw set	
HOL-202	Arbor: Fits (14mm to 30mm) Hole Saws	
HOL-203	Arbor: Fits (32mm to 210mm) Hole Saws	
HOL-204	Pilot Drill bit - Diameter: 1/4" (6.35mm) x Length: 80mm - (Single)	
HOL-205	Pilot Drill bit - Diameter: 1/4" (6.35mm) x Length: 80mm - (Twin)	



HOL-206 → HOL-209

FIS BLADES



HOL - 206	Sabre Saw Blades - Length 9" (228mm) x Width: 3/4" (19mm)	x5 blades per packet
HOL - 207	Sabre Saw Blades - Length 6" (152mm) x Width: 3/4" (19mm)	x5 blades per packet
HOL - 208	Industrial Grade Carbide Reciprocal Saw Balde - Length 6"	x2 blades per packet
HOL - 209	Industrial Grade Carbide Reciprocal Saw Balde - Length 9"	x2 blades per packet



PFP

Petrol Fire Pump



Models

PFP-047	Pull Start
PFP-049	Key Start

Engine model FX750

Engine type	7 Hp, Air-cooled 4. stroke OHV
Bore*stroke mm	68*54
Displacement ml	207
compression ratio	8.5:1
rated power kw/rpm	3.7/3600
max torque n. m/rpm	11.5/3000
Fuel Consumption	< 395 G/ (Kw.h)
Ignition system	Transistorized magneto

starting system	Recoil starter Or Key Start
air cleaner	Dual element
oil capacity L	0.58L

water pump Information

pump form	High Pressure pump
pumpkind	Self-priming pump
Diameter of outlet (mm)	40mm*2+50mm*1
Diameter of inlet (mm)	50mm
max flow capacity (m3/h)	20m3/h
max suction (m)	7m
max lift	90m
Impeller	Twin Impeller

demension (L*W*H)	505*410*460
Nw/gw (kg)	29
fuel type	Gasoline (Unleaded Petrol)
fuel tank capacity L	3.1L

HONDA PETROL FIRE PUMP

PFP-046

PFP-049

HONDA PETROL FIRE PUMP



ENGINE MODEL	DESCRIPTION
MODEL NUMBER	Honda gx200
ENGINE TYPE	6.5 Single cylinder, four stroke, air cooled
BORE*STOCK MM	68*54
DISPLACEMENT ML	196
COMPRESSION RATIO	8.5:1
RATED POWER KW/RPM	3.7/3600
MAX TORQUE N. M/RPM	9.9/2500
LOWEST FUEL	≤ 395
IGNITION SYSTEM	Transistorized magneto
STARTING SYSTEM	Recoil starter
AIR CLEANER	Dual element
OIL CAPACITY L	0.6

WATER PUMP MODEL	PFP-046
PUMP FORM	High Pressure pump
PUMP KIND	Self-priming pump
DIAMETER OF OUTLET (MM)	38mm*2+50*1
DIAMETER OF INLET (MM)	50
MAX FLOW CAPACITY (M3/H)	20
MAX SUCTION (M)	7
MAX LIFT	95 metres
IMPELLER	Twin Impeller
DEMENSION (L*W*H)	535*415*505
NW/GW (KG)	29/30
FUEL TYPE	Gasoline
FUEL TANK CAPACITY L	3.6

JPC-PM8

Jockey Pump with PM80 Pump & Control P

Pressure: 500Kpa
Rate: 0.4 LPS
Pump: PM80
Switch: ADPS pressure switch
Tank: Pressure Accumulator 25BAR - 24L
By-pass assembly (partially in copper):



JPC

Jockey Pump with Vertical Multistage Pump

- JPC-CR1** **Jockey with Grundfos CR1-11 pump (0.4 LPS @ 520 kPa)**
Grundfos CR1-11 pump, ADPS pressure switch, accumulator, Control panel, and by-pass assembly (partially in copper)
- JPC-CR9** **Jockey with Grundfos CR1-19 pump (0.4LPS @ 930KPa)**
Grundfos CR1-19 pump, ADPS pressure switch, accumulator, Control panel, and by-pass assembly (partially in copper)
- JPC-CV4** **Jockey with CV4-6 pump (0.4 LPS @ 500 kPa)**
CV4-6 pump, ADPS pressure switch, accumulator, Control panel, and by-pass assembly (partially in copper)



PM80 vortex pumps



FIS P M08205

PM80 vortex pumps



IT can be used to pressurize fire systems And transfer clean water or other liquid similar to water in physical and chemical properties.

it is suitable for small living water supply, automatic water sprinkler system, small air conditioner system and supporting equipment e.t.c.

maximum operating temperature: 90°C.

Power rating: single phase 240 voltage with capacitor. Motor

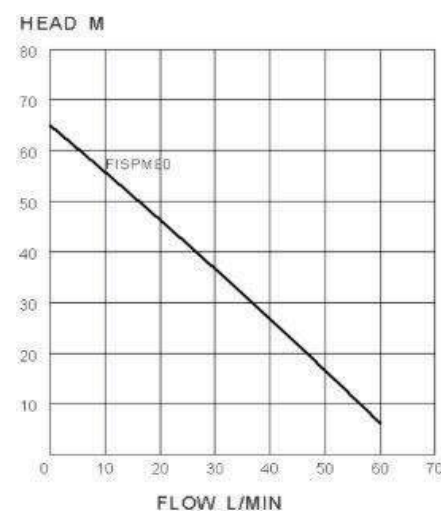
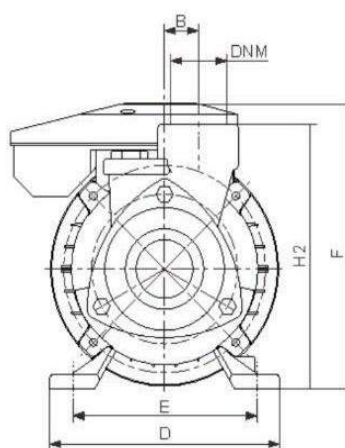
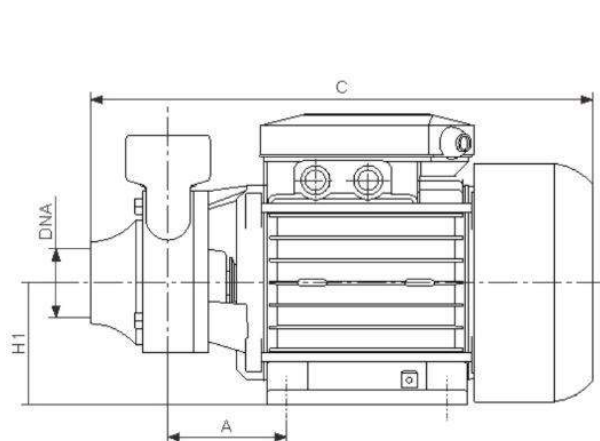
protection: IP44. Maximum casing pressure: 16BAR.

Shaft sealing: Mechanical seal graphite-to-ceramic/ silicon carbide



Qmax 46 l/min	Hmax 65 m	Suct. Hmax 8 m	Size 1" x 1"	1 ~Mot	V220~	Hz 50
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2850 min ⁻¹	kW 0.75	HP 1	In4.8 A	IP X4	C 20 µF	VL450 v	I CL F	5.2AMPS
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model	DIMENSIONS mm										packing dimensions mm			Weight
	A	B	c	D	e	f	H1	h2	DNA	DNM	I	L	M	KG
PM80	72	17	298	132	110	18.3	71	159	1"	1"	325	185	212	9.5

PRESSURE CONTROL FOR JACKING PUMPS

PSS-001

PRESSURE CONTROL SYSTEM

THIS PRESSURE SWITCH IS USED FOR AIR COMPRESSORS.

THE SWITCH STARTS AND STOPS THE AIR COMPRESSOR AUTOMATICALLY ACCORDING TO THE PRESSURE SETTING.

THE HYDRAULICS CONNECTION IS 10mm FEMALE.

THE AIR-RELIEF VALVE HAS A DELAYED CLOSING SYSTEM.

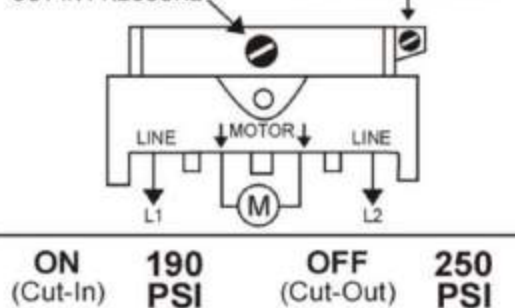


PRESSURE	MIN ON	MAX OFF	DIFFERENTIAL
PSI	40	250	28-65

2 POLARATING						
1 PH		3 PH		DC		
120V	240V	240V	600V	32V	120V	240V
2HP	3HP	5HP	5HP	2HP	2HP	2HP

TURN CLOCKWISE TO INCREASE BOTH CUT-OUT AND CUT-IN PRESSURE

TURN CLOCKWISE TO INCREASE CUT-OUT PRESSURE WITHOUT AFFECTING CUT-IN



PRESSURE RANGE	15-250psi
PRESSURE SETTING (psi)	30-50/ 50-80/ 100-125/ 185-230/ 190-250

FREQUENCY	MAX AMBIENT TEMPERATURE	RATED CURRENT	RATED VOLTAGE	MAX LIQUID TEMPERATURE	PROTECTION DEGREE
50/60HZ	40°C	20A	110V-240V	60°C	IP20

FIRE INDUSTRY SUPPLIES



CONTACT +61 411 103 846
149 NEWLANDS ROAD,
COBURG NORTH, 3058 VIC AUSTRALIA

CABINETS AND DUST BOXES



FEC-250 FEC-450 FEC-900
FIRE EXTINGUISHER CABINETS



FEATURES

- Galvanised Metal Cabinet
- Fitted with 003 Lock & key in 'break glass'
- High quality red powder coated finish.
- Certified Product, Australian Standard



SPECIFICATIONS					
MODEL	COLOUR	LOCK	WEIGHT	CABINET FITS	HEIGHT - LENGTH - WIDTH
FEC-250	Powder Coated Red	003	About 2.5kg	2.5Kg Extinguishers	x500mm - x250mm - x160mm
FEC-450	Powder Coated Red	003	About 4.1kg	4.5kg Extinguishers	x600mm - x280mm - x210mm
FEC-900	Powder Coated Red	003	About 8.8kg	9kg/9ltr Extinguishers	x750mm - x280mm - x230mm

EVB025 → EVB-090

Vehicle Brackets

Heavy Duty Vehicle Brackets



Code	Description
EVB-025	To fit 2.5Kg Fire Extinguishers
EVB-045	To fit 4.5Kg Fire Extinguishers
EVB-025	To fit 9Kg Fire Extinguishers

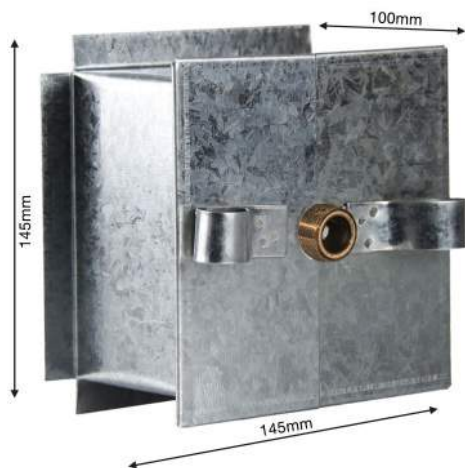
FIRE SPRINKLER DUST BOX

DBG-040

FIRE SPRINKLER DUST BOX



* Note Sprinkler not included.



SPECIFICATIONS

MODEL	COLOUR	LENGTH - WIDTH - DEPTH
DBG-040	GAL	x145mm - x145mm x100mm

SBH-035 → SBH-039

SPRINKLER SPARE BOXES



Spares cabinet with fixed shelves that can accommodate sprinkler heads. The cabinets are pre drilled for wall mounting. Available in five sizes.

SPECIFICATIONS				
MODEL	COLOUR	CAPACITY	LENGTH - WIDTH - DEPTH	WEIGHT
SBH-035	RED	6 HEAD	260 X 200 X 90 MM	1.50kg
SBH-036	RED	12 HEAD	260 X 200 X 90 MM	1.50kg
SBH-037	RED	24 HEAD	340 X 260 X 100 MM	2.70kg
SBH-038	RED	36 HEAD	460 X 260 X 80 MM	3.60kg
SBH-039	RED	ESFR	450 X 260 X 90 MM	2.90kg

ESC-001

ESC-002

ESSENTIAL AND EMERGENCY CABINETS



ESSENTIAL & EMERGENCY CABINETS

This powder coated Emergency Information/ Essential Service fire log book cabinet is designed to store your servicing log books. The cabinet stores all vital documentation safely away reducing any tampering. The cabinet features a 003 lock and keys.

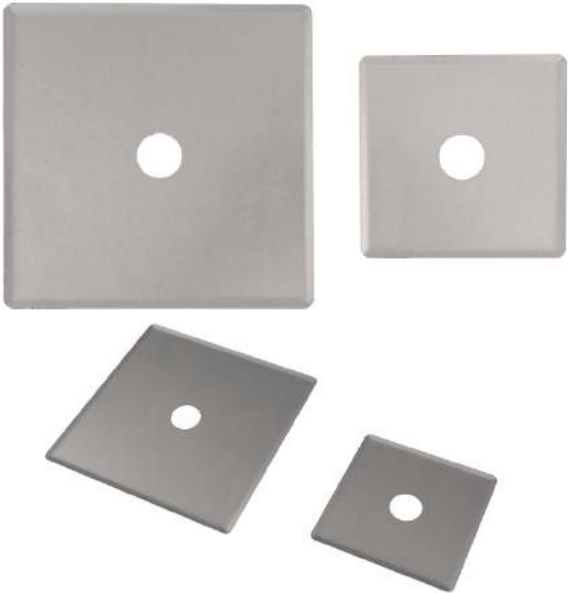
SPECIFICATIONS				
MODEL	COLOUR	LOCK	WEIGHT	LENGTH - WIDTH - DEPTH
ESC-001	Powder Coated Red	003	3.2kg	x310mm - x385mm x150mm



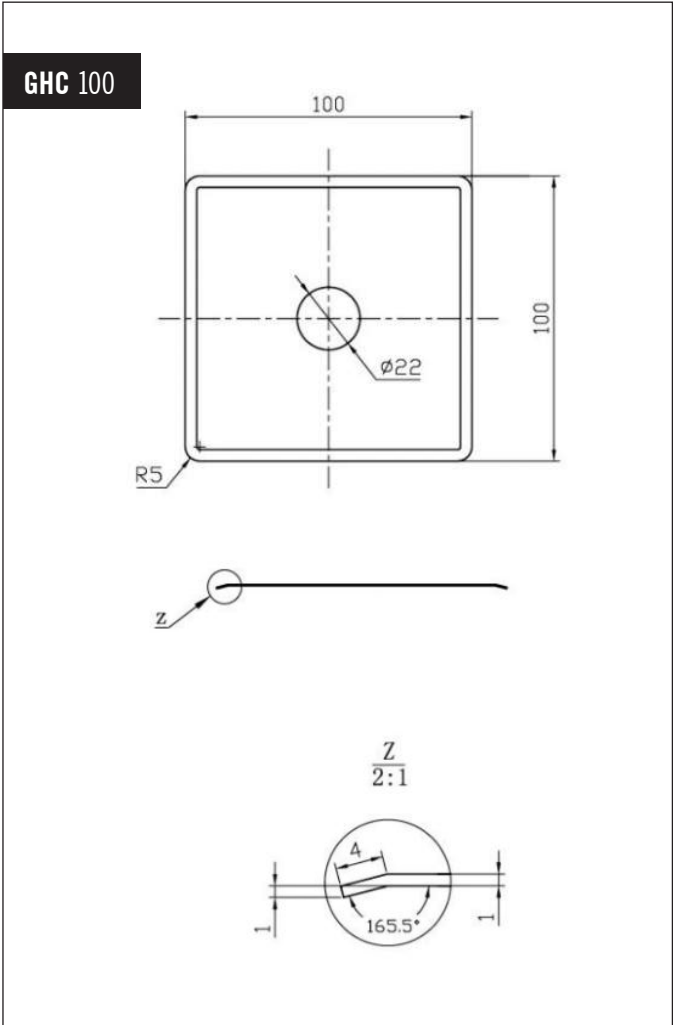
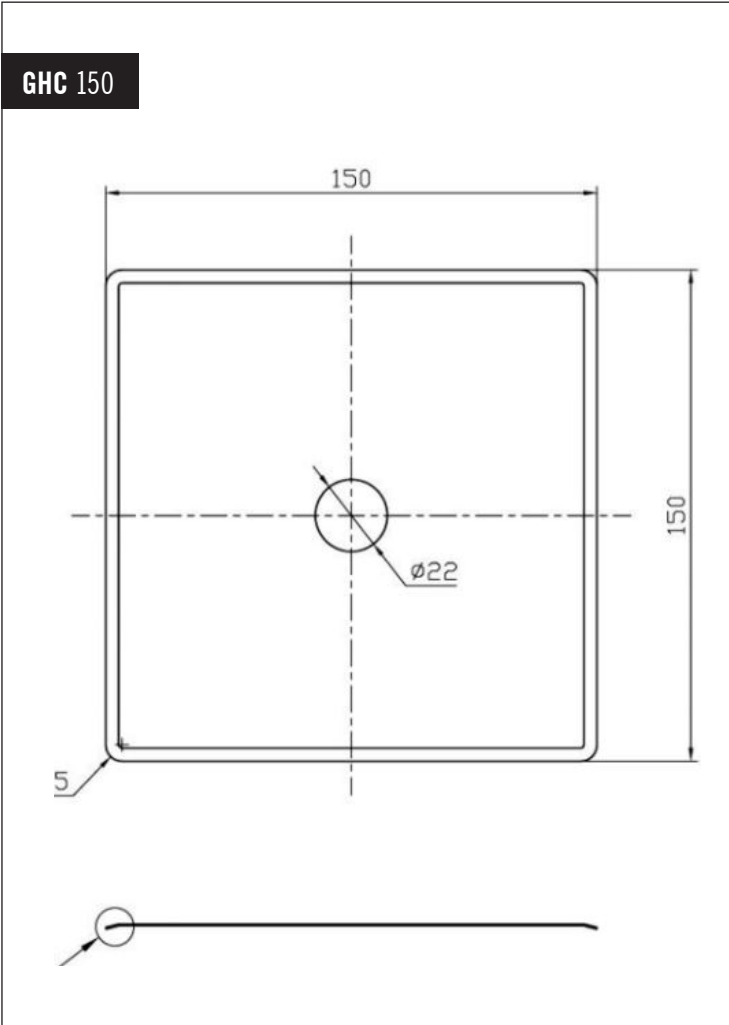
SPECIFICATIONS				
MODEL	COLOUR	LOCK	WEIGHT	LENGTH - WIDTH - DEPTH
ESC-002	Powder Coated Red	003	3.2kg	x310mm - x385mm x150mm



GHC-150 GHC-100
HEAT COLLECTOR PLATES/WATERSHIELDS



2 MODELS	
MODEL	LENGTH - WIDTH - THICKNESS
GHC 150	150mm x 150mm x 1mm
GHC 100	100mm x 100mm x 1mm



FIRE INDUSTRY SUPPLIES



CONTACT +61 411 103 846
149 NEWLANDS ROAD,
COBURG NORTH, 3058 VIC AUSTRALIA

FIRE EXTINGUISHERS & FIRE BLANKETS

WET CHEMICAL EXTINGUISHER



FWC-058 → FWC-059

WET CHEMICAL EXTINGUISHER

HANDLING AND STORAGE

STORAGE TEMPERATURE: +5 °C -60 °C, DRY AND FREE FROM VIBRATIONS. KEEP AWAY FROM NATRIUMHYPOCHLORITE (BLEACH).

COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME	QUOTA %
BUTYLCARBITOLL	>5%, <10%
ALKYLSULFATE	>1%, <5%
FLUOROSURFACTANT	>1%, <5%

EXPOSURE CONTROLS AND PERSONAL PROTECTION

WEAR CHEMICAL GLOVE AND BLINKER TO USE IT, WASH HAND AFTER USE

HAZARD IDENTIFICATION

INGESTION: BURNING SENSATION. COUGH. CRAMPS. MAY CAUSE BURNS OR IRRITATION OF THE LININGS OF THE MOUTH, THROAT, AND GASTROINTESTINAL TRACT. SWALLOWING A SMALL QUANTITY OF THIS MATERIAL WILL RESULT IN SERIOUS HEALTH HAZARD. MUST NOT COME INTO CONTACT WITH FOOD OR BE CONSUMED.

STABILITY AND REACTIVITY

STABLE UNDER NORMAL CONDITIONS

DISPOSAL CONSIDERATION

DISPOSE IN A SAFE MANNER IN ACCORDANCE WITH LOCAL/NATIONAL REGULATIONS. GENERAL: HAZARDOUS WASTE. DISPOSE IN A SAFE MANNER IN ACCORDANCE WITH LOCAL / NATIONAL REGULATIONS.

FIRE FIGHTING MEASURES

THE PRODUCT IS A FIRE-EXTINGUISHER. AFTER USE REMOVE RESIDUAL FIRE EXTINGUISHING AGENT FROM CORROSION SENSITIVE MATERIALS.

FIRST AID MEASURES

INHALATION	IF THERE ARE ANY SIGNS OF NAUSEA OR SICKNESS, SEEK MEDICAL ADVICE
SKIN CONTACT	WASH OF WITH WATER, REMOVE CONTAMENED SOAKED CLOTHING AND RINSE WITH WATER
EYE CONTACT	FLUSH EYE WITH PLENTY OF WATER FOR AT LEAST 10 MINUTES MAINTAINING OPEN EYELIDS
SWALLOWING	WASH MOUTH WITH WATER. SEEK MEDICAL ADVICE

WET CHEMICAL EXTINGUISHER



FWC-058 → FWC-059

WET CHEMICAL EXTINGUISHER

TOXICOLOGICAL PROPERTIES

EYE CONTACT: THE FOAM CAN CAUSE DISCOMFORT OR IRRITATION

ECOTOXICOLOGICAL INFORMATION

OECD 302B RESP. EU C.9 : THE TEST SUBSTANCE CAN BE CONSIDERED AS "INHERENTLY BIODEGRADABLE".

REGULATORY INFORMATION

THE FOAM IS NOT CLASSIFIED AS HAZARDOUS ACCORDING TO REGULATIONS FOR CHEMICALS. (INFORMATION ABOUT HAZARDS AND PACKAGING OF WARES, 1994). CONTROL RULES FOR WORKING ENVIRONMENT AND HAZARDOUS ELEMENTS IN THE WORKING ENVIRONMENT. THIS MATERIAL SAFETY SHEET DOES NOT REPLACE THE USERS OWN JUDGMENT OF THE SIZE OF THE WORKPLACE AND ENVIRONMENT IN ACCORDANCE WITH THE ABOVE MENTIONED RULES. IN SOME CASES, DEPENDING ON PACKAGING SIZE, THE RULES FOR MANUAL HANDLING OF THE PRODUCT MIGHT APPLY.

OTHER INFORMATION

the information about the fire extinguishing agent in this document is based on the manufacturer's data. the information is based on the knowledge and regulations of today. it is a guide for health and environment concerns concerning to the product and should not be considered a guarantee of function. the product should never be used for anything but fire fighting, without first contacting the supplier. the user is responsible that valid laws and regulations are begin followed. additional information exists in the health and safety documents at the manufacturers'.

PHYSICAL AND CHEMICAL PROPERTIES

PH VALUE	8.0 +/-1.0
DENSITY (20 °C)	1.07
FLASH POINT [°C]	47
SOLUBILITY IN WATER	COMPLETE
EXPLODE	NO RELIABLE DATA AVAILABLE

TRANSPORT INFORMATION

ADR RID		IMDG		DGR (FLY6)
UN NR:	1044	UN NO:	1044	CLASS:
CLASS:	2	CLASS:	2.2	
AMNESNR:	6A	EMS NO:	2-13	
ETIKETTR:	2/LQ	MFAG NO:	620	PACKAGING GROUP

ACCIDENTAL RELEASES MEASURES

GENERAL PRECAUTIONS:	REMOVE IGNITION SOURCES.
PERSONAL PRECAUTIONS:	SPILL SHOULD BE HANDLED BY TRAINED CLEANING PERSONNEL PROPERLY EQUIPPED WITH RESPIRATORY AND EYE PROTECTION
ENVIRONMENTAL PRECAUTIONS:	PREVENT ENTRY TO SEWERS AND PUBLIC WATERS. NOTIFY AUTHORITIES IF PRODUCT ENTERS SEWERS OR PUBLIC WATERS.

CARBON DIOXIDE (CO₂) FIRE EXTINGUISHER



FCO-055 → FCO-057

CO₂ FIRE EXTINGUISHER

CO₂ FIRE EXTINGUISHER FUNCTION

The CO₂ Extinguisher Cannisters contain carbon dioxide in liquid form, and when the extinguisher is let off the liquid is released into the air neutralising the oxygen that the fire is feeding on, disabling the fires ability to spread. This is an effective way to put out fires and also prevent fire from reoccurring because of the lack of oxygen and the ice cold temperature of the CO₂ when released from the extinguisher.

Carbon Monoxide is suitable for use on both Electrical and Flammable Liquid (Class B) Fire types. Being a gas it is completely harmless to electrical equipment.

Ideal for offices, workshops or any premises that uses electrical equipment.

ACCIDENTAL RELEASES MEASURES

Personal precautions: evacuate area. Wear self-contained breathing apparatus when entering area unless atmosphere is provided to be safe. Ensure adequate area ventilation. Environmental precautions: Try to stop release. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Clean up methods: Ventilate area.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal protection: ensure adequate ventilation.

HAZARD IDENTIFICATION

Liquefied gas. High concentration may cause asphyxiation.

ECOTOXICOLOGICAL INFORMATION

Ecological effects information: when discharged in large quantities may contribute to the greenhouse effect.

GLOBAL WARMING POTENTIAL (CO₂=1): 1

DISPOSAL CONSIDERATION

General: do not discharge into any place where its accumulation could be dangerous. To atmosphere in a well ventilated place. Discharge to atmosphere in large quantities should be avoided. Contact supplier if guidance is required.

FIRE FIGHTING MEASURES

FLAMMABLE CLASS	Non flammable
SPECIFIC HAZARDS	Exposure to fire may cause containers to rupture / explode
HAZARDOUS COMBUSTION PRODUCTS	None
EXTINGUISHER MEDIA - SUITABLE EXTINGUISHER MEDIA	All known extinguisher can be used
SPECIFIC METHOD	If possible, stop flow of products
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS	In confined space use self-contained breathing apparatus

FIRST AID MEASURES

INHALATION	In high concentration may cause asphyxiation. Symptoms may include loss of mobility / consciousness. Victim may not be aware of asphyxiation. Low concentration of CO ₂ cause increased respiration and headache. Remove victim to uncontaminated area wearing self contained breathing apparatus. Keep victim warm and rested. Call a doctor. Apply artificial respiration if breathing stopped.
SKIN/EYE CONTACT	Immediately flush eyes thoroughly with water for at least 15 min. in case of frostbite spray with water for at least 15 min. apply a sterile dressing. Obtain medical assistance.
INGESTION	INGESTION IS NOT CONSIDERED A POTENTIAL ROUTE OF EXPOSURE.

COMPOSITION/ CLASSIFICATION

CHEMICAL NAME	Carbon Dioxide	CAS NO	124-38-9
CHEMICAL FORMULA		QUOTA %	>=99.7%

CARBON DIOXIDE (CO₂) FIRE EXTINGUISHER

FCO-055 → FCO-057

CO₂ FIRE EXTINGUISHER

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE AT 20°C	LIQUID GAS
COLOUR	COLOURLESS
ODOUR	NON
MOLECULAR	44
MELTING POINT [°C]	-56.6
BOILING POINT [°C]	-78.5
CRITICAL TEMPERATURE [°C]	30
VAPOUR PRESSURE [200C]	57.3 BAR
RELATIVE DENSITY, GAS (AIR=1)	1.52
RELATIVE DENSITY, LIQUID (WATER=1)	0.82
SOLUBILITY IN WATER [MG/L]	2000
FLAMMABILITY RANGE [VOL% IN AIR]	NON FLAMMABLE

OTHER DATA: GAS/VAPOUR HEAVIER THAN AIR. MAY ACCUMULATE IN CONFINED SPACES, PARTICULARLY AT OR BELOW GROUND LEVEL.

TRANSPORT INFORMATION

ADR RID	IMDG	DGR (FLY6)
UN NR: 1044	UN NO: 1044	CLASS: CO ₂ FIRE EXTINGUISHER
CLASS: 2	CLASS: 2.2	
AMNESNR: 6A	EMS NO: 2-13	

HANDLING AND STORAGE

Below 50°C, dry and free from vibrations. Handling: such back of water into the container must be prevented. Do not allow back feed into the container. Use only properly specified equipment which is suitable for the product, its supply pressure and temperature. Contact you gas supplier if in doubt. Refer to supplier's container handling instructions.

TOXICOLOGICAL PROPERTIES

Toxicity information: in high concentrations cause rapid circulatory insufficiency. Symptoms are headache, nausea and vomiting, which may lead to unconscious

REGULATORY INFORMATION

EC CLASSIFICATION	NOT CLASSIFIED AS DANGEROUS PREPARATION/SUBSTANCE. NOT INCLUDED IN ANNEX 1
EC LABELLING	NO EC LABELING REQUIRED
SYMBOL(S)	NONE
R PHRASE(S)	NONE
S PHRASE(S)	NONE

OTHER INFORMATION

Asphyxiate in high concentrations. Keep container in a well-ventilation place. Do not breathe the gas. Contact liquid may cause cold burns/ frostbite. Ensure all national/local regulations are observed. The hazard of Asphyxiate is often overlooked and must be stressed during operator training. Sources of key data used: EIGA (European industrial gases association) / LISAM. This safety data sheet has been established in accordance with the applicable European directives and applies to all countries that have translated the directives in their national laws. Before using this product in any new process or equipment, a thorough material compatibility and safety study should be taken in the preparation of this document, no liability for injury or damage resulting from its use can be accepted.

FOAM FIRE EXTINGUISHER



WFX-063 → FFX-064

FOAM FIRE EXTINGUISHER

AFFF Foam Extinguishers are suitable for use on Class A & B Fires. Foam extinguishers are especially good for use on material fires that are caused by wood, paper and textiles, cooling the flame by evaporation of the water in the foam. Good at combating flammable gases, as the foam creates a barrier between the flame and fuel.

COMPOSITION / CLASSIFICATION

CHEMICAL NAME	ETHANOL	UREA
CHEMICAL FORMULA	C ₂ H ₅ OH	CH ₄ N ₂ O
CAS NO	64-17-5	57-13-6
QUOTA %	>5%, <10%	>0.5%, <5%
RISK / SAFETY PHRASES		

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Wear chemical glove and blinker to use it, wash hand after use

HAZARD IDENTIFICATION

Ingestion: Burning sensation. Cough. Cramps. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Swallowing a small quantity of this material will result in serious health hazard. Must not come into contact with food or be consumed.

STABILITY AND REACTIVITY

STABLE UNDER NORMAL CONDITIONS

DISPOSAL CONSIDERATION

DISPOSE IN A SAFE MANNER IN ACCORDANCE WITH LOCAL/NATIONAL REGULATIONS. GENERAL: HAZARDOUS WASTE. DISPOSE IN A SAFE MANNER IN ACCORDANCE WITH LOCAL / NATIONAL REGULATIONS.

FIRE FIGHTING MEASURES

THE PRODUCT IS A FIRE-EXTINGUISHER. AFTER USE REMOVE RESIDUAL FIRE EXTINGUISHING AGENT FROM CORROSION SENSITIVE MATERIALS.

FIRST AID MEASURES

INHALATION	Assure fresh air breathing
SKIN CONTACT	Flush plenty of water
EYE CONTACT	Seek medical attention immediately
INGESTION	Seek medical attention immediately

COMPOSITION / CLASSIFICATION

CHEMICAL NAME	Carbon Dioxide	CAS NO	124-38-9
CHEMICAL FORMULA		QUOTA %	>=99.7%

WFX-063 → FFX-064

FOAM FIRE EXTINGUISHER

REGULATORY INFORMATION

The foam is not classified as hazardous according to regulations for chemicals. (information about hazards and packaging of wares, 1994). control rules for working environment and hazardous elements in the working environment. this material safety sheet does not replace the users own judgment of the size of the workplace and environment in accordance with the above mentioned rules. in some cases, depending on packaging size, the rules for manual handling of the product might apply.

OTHER INFORMATION

the information about the fire extinguishing agent in this document is based on the manufacturer's data. the information is based on the knowledge and regulations of today. it is a guide for health and environment concerns concerning to the product and should not be considered a guarantee of function. the product should never be used for anything but fire fighting, without first contacting the supplier. the user is responsible that valid laws and regulations are begin followed. additional information exists in the health and safety documents at the manufacturers'.

PHYSICAL AND CHEMICAL PROPERTIES

PH VALUE	8.0 - 10
DENSITY (20 °C)	1.07
FLASH POINT [°C]	47
SOLUBILITY IN WATER	COMPLETE
EXPLODE	NO RELIABLE DATA AVAILABLE

TRANSPORT INFORMATION

ADR RID	IMDG	DGR (FLY6)
UN NR: 1044	UN NO: 1044	CLASS:
CLASS: 2	CLASS: 2.2	
AMNESNR: 6A	EMS NO: 2-13	
ETIKETNR: 2/LQ	MFAG NO: 620	
	PACKAGING GROUP	

ACCIDENTAL RELEASES MEASURES

GENERAL PRECAUTIONS:	REMOVE IGNITION SOURCES.
PERSONAL PRECAUTIONS:	SPILL SHOULD BE HANDLED BY TRAINED CLEANING PERSONNEL PROPERLY EQUIPPED WITH RESPIRATORY AND EYE PROTECTION
ENVIRONMENTAL PRECAUTIONS:	PREVENT ENTRY TO SEWERS AND PUBLIC WATERS. NOTIFY AUTHORITIES IF PRODUCT ENTERS SEWERS OR PUBLIC WATERS.

TOXICOLOGICAL PROPERTIES

Eye contact: the foam can cause discomfort or irritation

ECOTOXICOLOGICAL INFORMATION

OECD 302B RESP. EU C.9 : The Test Substance Can Be Considered As "Inherently Biodegradable".

HANDLING AND STORAGE

Storage temperature: +5 °c -60 °c, dry and free from vibrations. Keep away from natriumhypochlorite (bleach).



DFX-048 → FXB-054

DRY POWDER FIRE EXTINGUISHER



**CERTIFIED & APPROVED
TO AS/NZS 1841.5**

FIRE EXTINGUISHER FEATURES

- Deep drawn steel cylinder with welded base and robust skirt.
- Powder coated with UV resistant paint finish, giving extra resistance to standard corrosive environments together with dents and wears associated with normal fire extinguisher use.
- EPDM type UV resistant discharge hose with dust cap.
- Zinc plated brass valve with pressure indicator.
- 316 Stainless steel handles and levers – suitable for aggressive environments.
- Non-Aluminium Hose Ferrules on 4.5kg & 9.0kg required for underground use.
- 316 Stainless steel hose retaining clip and bands on 2.5kg, 4.5kg & 9.0kg models
- Sturdy solid stainless steel hanging bracket, ideal for aggressive environments.
- A rugged epoxy coated metal vehicle bracket comes with 1.0kg, 2.0kg & 2.5kg models. 2.5kg model comes with wall bracket for internal installation.
- Aluminium inspection tag and ring (to be removed for underground coal mines).
- Fire extinguishers have been fire tested for the use in A, B & E Class fires.
- All fire extinguishers should be serviced to the relevant, current Australian Standard. AS1851 - Maintenance of Fire Protection Systems and Equipment.

FIS ABE fire extinguisher is suitable for the following Applications:

- A Class Fires (paper, wood, textiles)
- B Class Fires (flammable liquid fires such as oils, paints and solvents)
- E Class Fires (energised electrical fires such as switchboards and electrical motors)

MODEL	CAPACITY	DESCRIPTION	FIRE RATING	AGENT	OPERATING PRESSURE	DISCHARGE TIME (APPROX)	DIMENSIONS (HEIGHT X OUTSIDE DIAMETER IN MM)	OVERALL MASS (APPROX)
DFX-048	1.0KG	DRY POWDER C/W VEH. BRACKET	2A10B:E	20%MAP	1500KPA	8-11SEC	340MM X 95MM	1.9KG
DFX-049	2.0KG	DRY POWDER C/W VEH. BRACKET	3A30B:E	20%MAP	1500KPA	11-14SEC	400MM X 120MM	3.7KG
DFX-050	2.5KG	DRY POWDER C/W VEH & WALL BRACKET	3A40B:E	20%MAP	1500KPA	13-16SEC	440MM X 135MM	4.6KG
DFX-051	4.5KG	DRY POWDER C/W WALL BRACKET	4A60B:E	20%MAP	1500KPA	17-20SEC	510MM X 150MM	7.5KG
DFX-052	9.0KG	DRY POWDER C/W WALL BRACKET	6A80B:E	20%MAP	1500KPA	20-23EC	590MM X 195MM	13.6KG
FXB-053	2.5KG	BE DRY POWDER C/W WALL BRACKET	30B : E					
FXB-054	4.5KG	BE DRY POWDER C/W WALL BRACKET	40B : E					

WFX-063

FFX-064

AIR WATER FIRE EXTINGUISHER



**CERTIFIED & APPROVED
TO AS/NZS 1841.2**

FIRE EXTINGUISHER FEATURES

- Stainless Steel cylinder
- Filled and charged ready to use
- Powder coated with UV resistant paint finish
- Stainless steel handles and levers – suitable for aggressive environments.
- Heavy duty zinc plated brass valve with easy to read pressure indicator
- Wall hanging bracket
- Australian Standards Aluminium Inspection Tag supplied and fitted to extinguisher
- Schrader valve, 45 degrees from horizontal for easier recharging
- Fire extinguishers have been fire tested for the use in A Class fires. Rating is an indication of the level of fire testing achieved. All testing is carried out by fire professionals.
- All fire extinguishers should be serviced to the relevant, current Australian Standard. AS1851 - Maintenance of Fire Protection Systems and Equipment

FIS Air Water fire extinguisher is suitable for the following Applications:

- A Class Fires (paper, wood, textiles)
- The Air Water Extinguisher should not be used on B or E class fires

MODEL	CAPACITY	FIRE RATING	AGENT
WFX-063	9.0LT	2A:	AIR/WATER
FFX-064	9.0LT	3A:	AIR/FOAM

FB1-010 → FB1-818

FIS FIRE BLANKETS



WOVEN FIBREGLOSS - FIRE BLANKET

FIS fire blankets consist of a woven fibreglass fire resistant fabric. FIS Fire Blankets are a fast and efficient way to control one of the most dangerous types of domestic fire > the ignition of cooking oil on the kitchen stove.

Also suitable to fight these fire types: stove top fires - fat fires, cooking oils & clothing fires. Ideal for use in kitchen, caravan & boat.

FIS FIRE BLANKET COMES WITH;

- Storage pouch
- Easily mounted - Can hang inside of cupboard door
- Quick release tabs
- Easy and fast installation
- Certified to Australian
- Standards AS/NZS 3504
- 1 Year Warranty

FIRE BLANKETS

MODEL	SIZES
FB1-010	1 METRE X 1 METRE
FB1-212	1.2 MTR X 1.2 MTR
FB1-218	1.2 MTR X 1.8 MTR
FB1-818	1.8 MTR X 1.8 MTR

FAK-10

FIRST AID KIT



THIS FIRST AID KIT WILL ASSIST IN PHYSICAL REMEDIATION IN TIMES OF CRISIS. IT PROVIDES A VALUABLE RESOURCE TO HAVE ON HAND AS CARE CAN BE GIVEN BEFORE THE ARRIVAL OF EMERGENCY SERVICES OR BEFORE TRANSPORTATION TO A MEDICAL CENTRE.

THIS KIT HAS MOST IMPORTANT FIRST AID ITEMS MAKING IT IDEAL FOR MANY RESIDENTIAL AND COMMERCIAL SETTINGS.

1. SMALL WOUNDS

7.5 X 7.5CM GUAZE SWAB	2 PCS
72* 19MM PATCHES	12 PCS
72* 25MM PATCHES	10 PCS
60*70MM PATCHES	1 PC
CLEANSING WIPE	7 PCS

2. MEDIUM SIZED WOUNDS

7.5 X 7.5CM GUAZE SWAB	2 PCS
10CM X 4.5M BANDAGE	1 PC
CLEANSING WIPE	6 PCS

3. BIG WOUND

12CM X 4.5M BANDAGE	1 PC
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4. TRIANGULAR BANDAGE

96* 96* 136CM	1 PC
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5. CPR MASK

CPR MASK	1 PC
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6. LATEX GLOVES

12 INCH LATEX GLOVES	2 PAIRS
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OTHERS IN BAG

185MM BANDAGE SCISSORS	1 PC
86MM FORCEPS	1 PC
0.9G BURN CREAM	2 PCS
0# SAFETY PIN (27MM)	4 PCS
1# SAFETY PIN (31MM)	4 PCS
3# SAFETY PIN (37 MM)	4 PCS



PIPE IDENTIFICATION LABELS

PIL-000

PIPE IDENTIFICATION LABELS

*AVAILABLE IN 38 STYLES WITH THE FOLLOWING DESCRIPTIONS AND SIZES LISTED IN THE SURROUNDING

**SPRINKLER
PRESSURE
SWITCH**

**NORMALLY
OPEN**

**NORMALLY
CLOSED**

**PRESSURE
RELIEF
ISOLATING
VALVE**

**SPRINKLER
• MONITORED
VALVE**

**• FIRE MAIN VALVE -
LOCK OPEN**

LABELS VARIOUS SIZES

NUMBER	TEXT	SIZE mm
30	FIRE HOSE REEL SERVICE - LOCK OPEN	125 X 25
31	FIRE MAIN VALVE LOCK OPEN	100 X 25
32	FIRE SERVICE ISOLATION VALVE LOCKED OPEN	100 X 40
33	FIRE SERVICE ISOLATION VALVE LOCKED CLOSED	100 X 40
34	FIRE SERVICE ISOLATION VALVE NO.	100 X 35
35	SPRINKLER MONITORED VALVE	75 X 30
36	SPRINKLER FLOW SWITCH	75 X 30
37	WINDOW DRENCHER ISOLATION VALVE	85 X 25

50 X 50 mm LABELS

NUMBER	TEXT
1	SPRINKLER REMOTE TEST
2	SPRINKLER DRAIN VALVE
3	INSTALLATION PRESSURE GAUGE
4	QUICK FILL VALVE
5	SPRINKLER PRESSURE SWITCH
6	ELECTRIC PUMP PRESSURE SWITCH
7	DIESEL PUMP PRESSURE SWITCH
8	DRAIN LINE
9	BRIGADE LINE
10	LOCAL ALARM
11	TEST VALVE LOCK CLOSED
12	NORMALLY OPEN
13	NORMALLY CLOSED
14	MAIN STOP VALVE NORMALLY OPEN
15	DRAIN VALVE LOCKED CLOSED
16	DRAIN TEST VALVE LOCKED CLOSED
17	FLOW SWITCH TEST DRAIN NORMALLY
18	JACKING PUMP ISOLATING VALVE NORMALLY OPEN
19	AUTO JACKING PUMP SUCTION VALVE LOCK OPEN
20	AUTO JACKING PUMP DISCHARGE VALVE LOCK OPEN
21	DBA PRESSURE SWITCH
22	PRESSURE RELIEF ISOLATING VALVE
23	LOCK OPEN
24	LOCAL ALARM LOCK OPEN
25	TOWNS MAIN PRESSURE 50X50
26	TOWNS MAIN VALVE NORMALLY OPEN
27	WASTE AND TEST VALVE NORMALLY CLOSED

PIM-SML → PIM-SML

PIPE MARKERS

SELF ADHESIVE STICKERS ARE MADE OF VINYL.



STICKER 1 | SIZE: 475 X 31 mm | CHARACTER HEIGHT 20mm



STICKER 2 | SIZE: 475 X 57 mm | CHARACTER HEIGHT 30mm



STICKER 3 | SIZE: 475 X 31 mm | CHARACTER HEIGHT 20mm



STICKER 4 | SIZE: 475 X 57 mm | CHARACTER HEIGHT 30mm



STICKER 5 | SIZE: 475 X 31 mm | CHARACTER HEIGHT 20mm



STICKER 6 | SIZE: 475 X 57 mm | CHARACTER HEIGHT 30mm



STICKER 7 | SIZE: 475 X 31 mm | CHARACTER HEIGHT 20mm



STICKER 8 | SIZE: 475 X 57 mm | CHARACTER HEIGHT 30mm