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FIRE INDUSTRY SUPPLIES



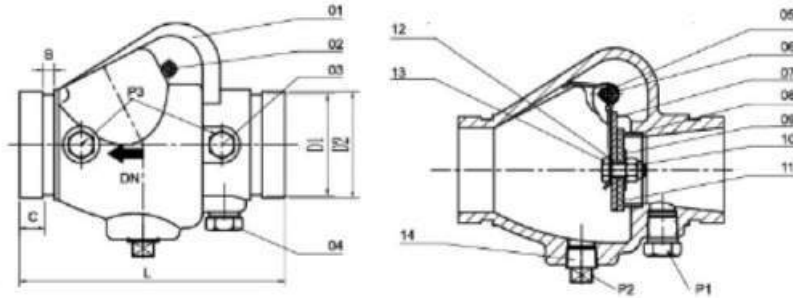
CONTACT +61 411 103 846
149 NEWLANDS ROAD,
COBURG NORTH, 3058 VIC AUSTRALIA

VALVES AND PRESSURE GAUGES

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 |

RG Check Valve 365PSI

RGG

365PSI RG Swing Check Valve FM/UL

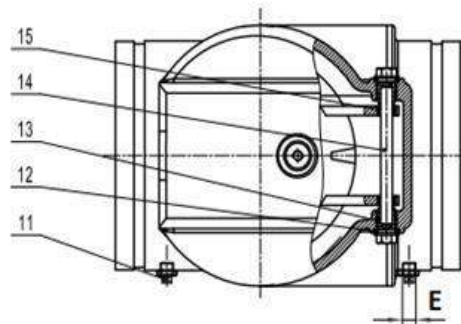
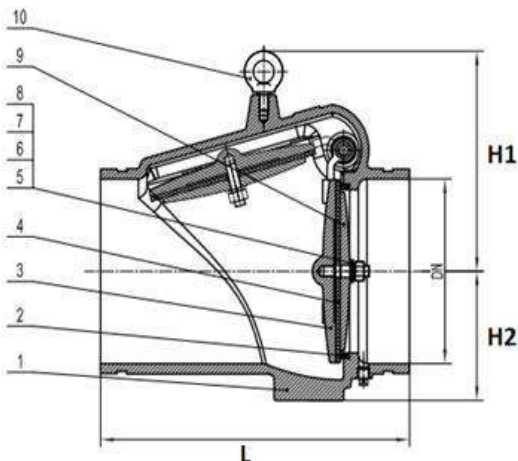


DI Body +SS304+EPDM, Bronze seated ,365PSI, AWWA C606, RAL3002 Coating



| 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" |

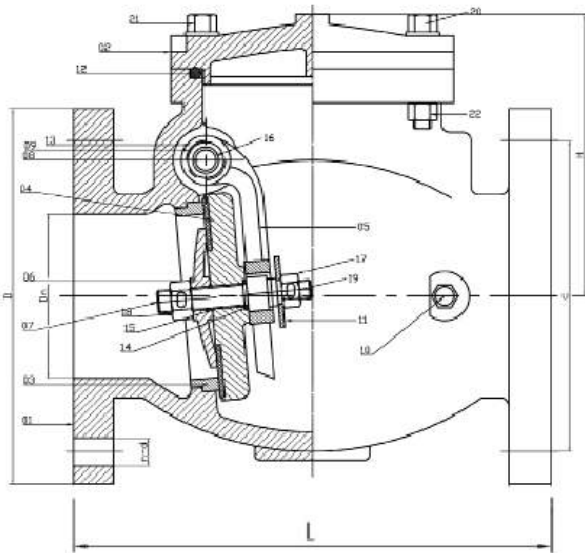
| No. | Description | Material |
|-----|---------------------|-------------|
| 1 | Body | DT450 |
| 2 | Seat | C83600 |
| 3 | Disc | QT450 |
| 4 | Seal ring | EPDM |
| 5 | Full thread stud | SS304 |
| 6 | Hexagon nut | SS304 |
| 7 | Spring washer | SS304 |
| 8 | Plain washer | SS304 |
| 9 | Disc retainer | 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 |



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 |

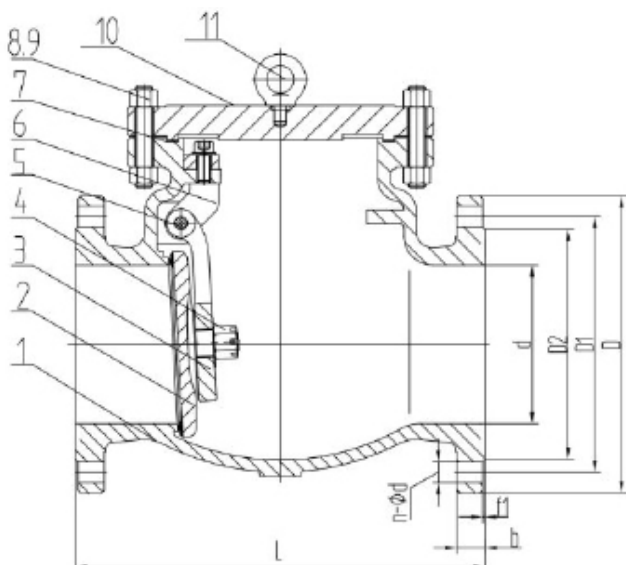
DIMENSION - WEIGHTS - QUANTITIES

| 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

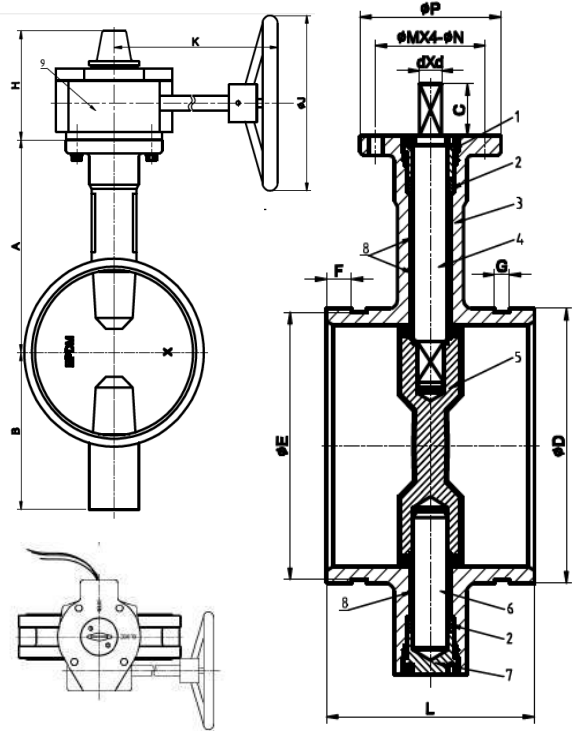
- AS 4020 Potable Water Certified
- AS 4158 Bonded Epoxy
- 21 Bar Rated (2100 kPa)
- FM Approved 65mm - 200mm
- UL from 65mm - 300mm Listed
- 50mm - 300mm WaterMark
- Factory Installed UL Listed Double Tamper Switch
- Tight Shut Off
- Low Torque
- Grooved Ends
- Resilient Seal
- Gear operated (Standard)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

DIMENSION

| 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

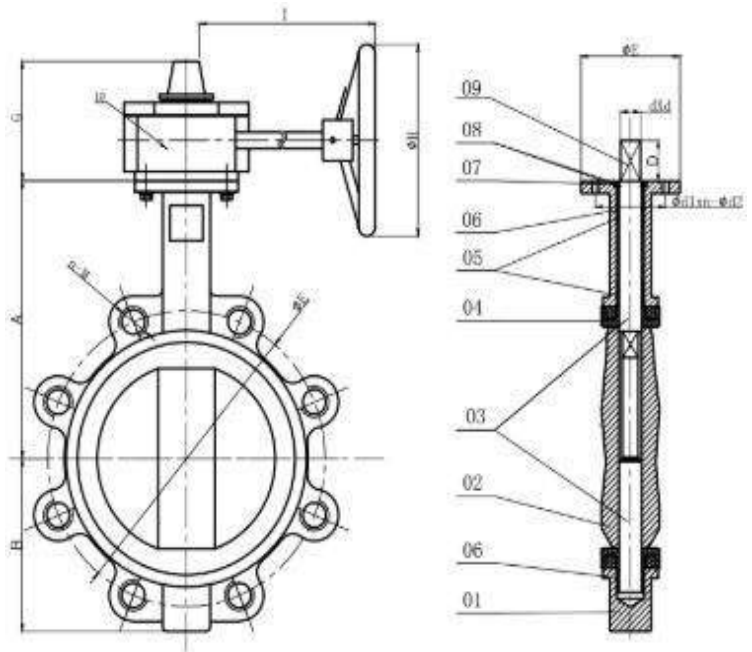
LUG -001

LUGGED BUTTERFLY VALVE - 232 PSI / PN16



| 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# |

| Valve Size | face to face |
|------------|--------------|
| 80mm | 48mm |
| 100mm | 53mm |
| 150mm | 58mm |
| 200mm | 63mm |



| 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

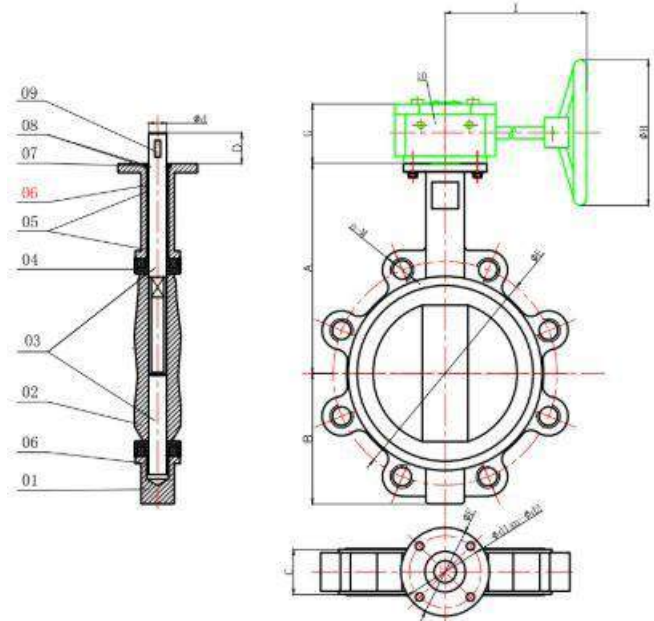
GEAR OPERATED

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# |



| Valve Size | face to face |
|------------|--------------|
| 80mm | 48mm |
| 100mm | 53mm |
| 150mm | 58mm |
| 200mm | 63mm |

Working pressure: 232PSI / PN16

| 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

BRB -175

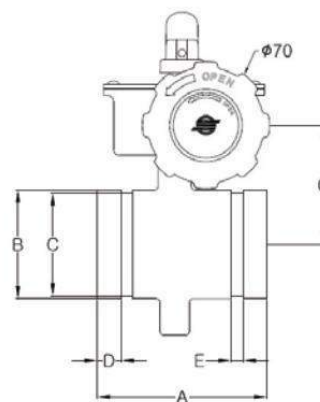
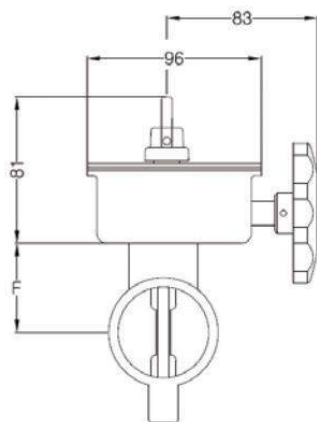
Butterfly Valve RG



| 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 Threaded

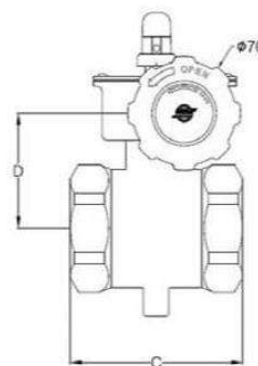
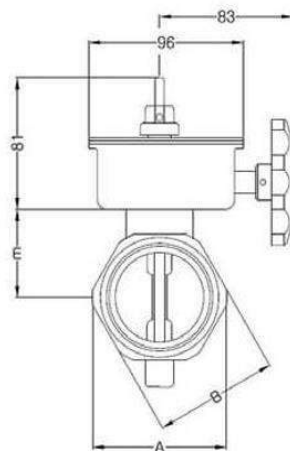
BSB-175
Butterfly Valve Threaded



| 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 |



Butterfly Valve RG (Brass)



BRB

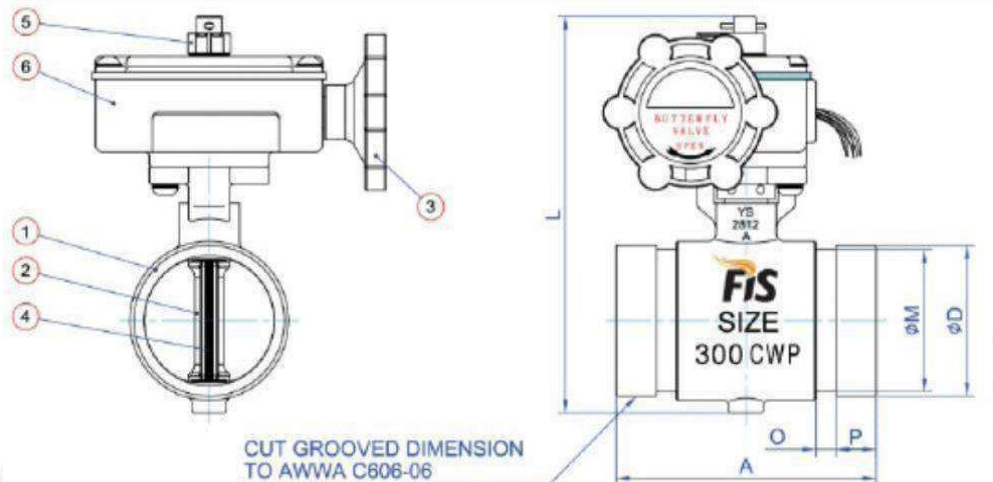
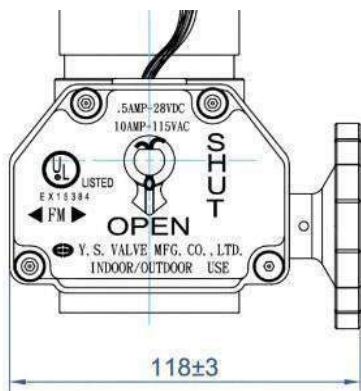
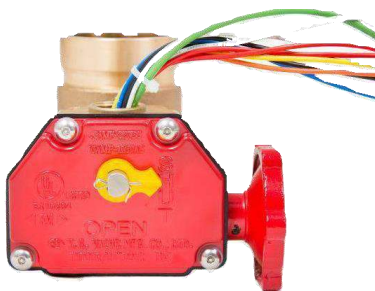
Butterfly Valve RG (Brass)



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



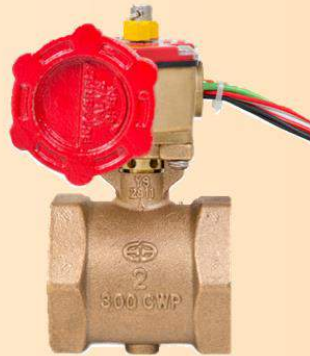
| Material list | | | |
|---------------|-----------|-------------------------|-----|
| No | Part name | Material | Qty |
| 1 | body | bronze ASTMc83600 | 1 |
| 2 | disc | SS-304 | 2 |
| 3 | handwheel | ductile iron ASTM a536 | 1 |
| 4 | disc seat | Viton | 1 |
| 5 | indicator | powder metal | 1 |
|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



Butterfly Valve screwed (brass)

BSB

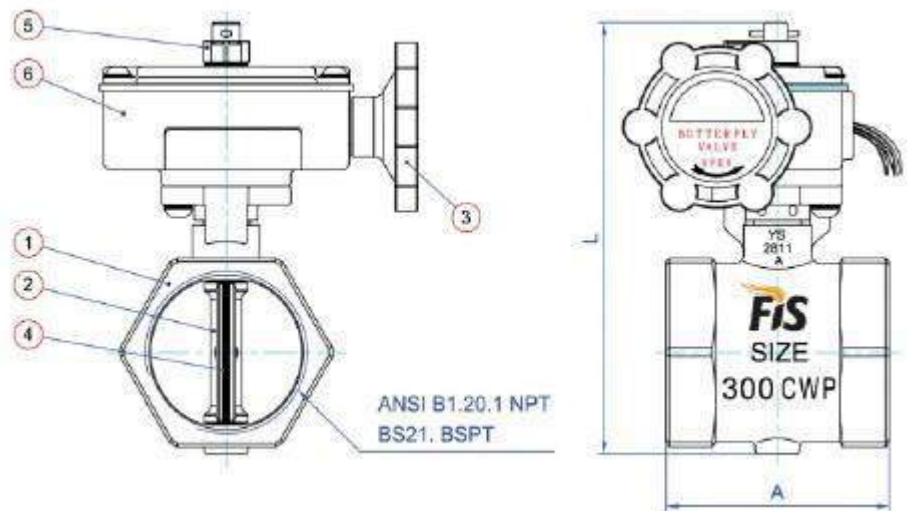
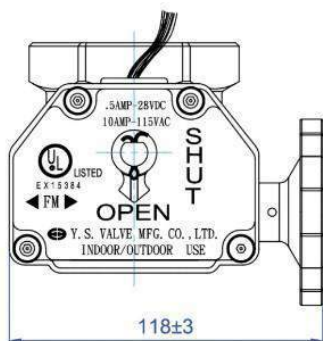
50mm Butterfly Valve screwed (brass)



| 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 | |



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

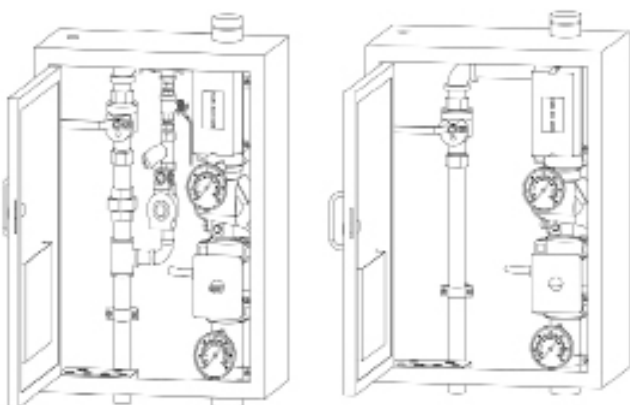
- Main Stop Valve: Bronze Butterfly valve with Tamper switch, UL/FM
- Riser Check Valve: Soft Seat check valve- epoxy coated ductile iron.
- Test & Drain Valve: Brass valve with option for test and drain, UL/FM
- Flow Switch: Shield Model UL FM approved.
- Solenoid valve: Brass Body, UL Approved
- Pipe 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.



Commercial Control Valve Set



Available Sizes

| FIS Code | Size |
|----------|-------|
| CCV-065 | 65mm |
| CCV-080 | 80mm |
| CCV-100 | 100mm |
| CCV-150 | 150mm |
| CCV-200 | 200mm |

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 | ∅ - 1600 KPA |
| PGD-013 | ∅ - 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

- StainlessSteel Case& Bezel
- Phosphor Bronze Bourbon Tube
- Dual Scale PSI & KPA
- Accuracy + - 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

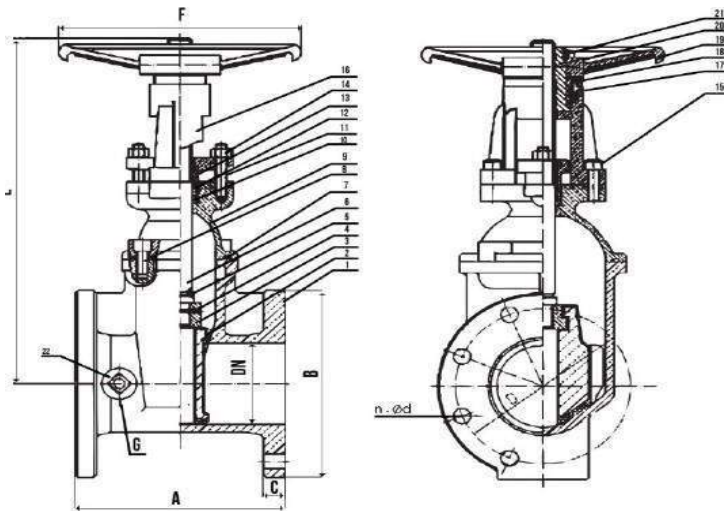
65mm (2.5") only comes in FM & UL

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".

an open position to allow drainage.



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 B 584 |
| 4. Dowel Pin | Stainless Steel ASTM A 276 |
| 5. O-ring | EPDM rubber ASTM D 2000 |
| 6. stem | SS304/SS316 bronze C61400 non- corrosive Material |
| 7. bonnet gasket rubber | ASTM D2000 |
| 8. socket headcap screws | CS ASTM A307/SS304 |
| 9. bonnet | Ductile iron ASTM A 536 |
| 10. stuffing | Bronze ASTM A 536 |
| 11. threaded | cs ASTM A 307 |
| 12. stuffing bushing | bronze ASTM B 584 |
| 13. stuffing gland | 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. flat head screw | cs ASTM A307 |
| 18. yoke bush retainer | gray iron ASTM A126-b |
| 19. handwheel | ductile iron ASTM A 536 |
| 20. stem nut | cusn5zn5pb5 bronze ASTM B584 |
| 21. hand wheel nut | cs ASTM A194-2h/SS304 stainless |
| 22. Pipe plug | iron ASME b16.14 |

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 Gate Valves



AS/NZS 2638.2
License No.
WM 74625
ApprovalMark



OSY -G01

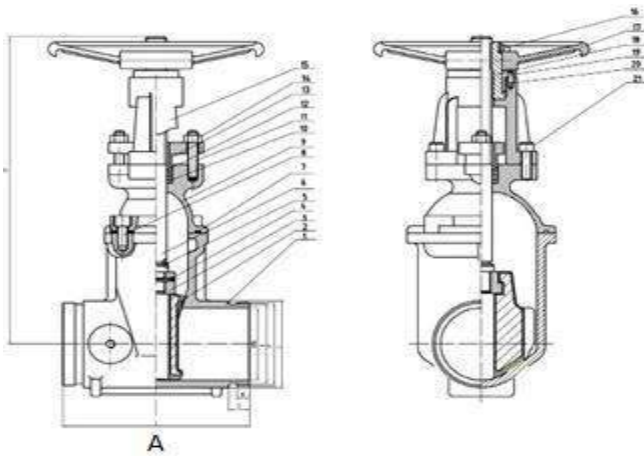
Grooved

- 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

SPECIFICATION

| Item No. | Part Name | 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/ SS304/SS316 |
| 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 | stuffing bushing | 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 | yoke bush retainer | gray iron ASTM A126-b |
| 19 | Handwheel | ductile iron ASTM A 536 |
| 20 | Stem nut | cusn5n5pb5 bronze ASTM B 584 |
| 21 | Hand Wheel nut | cs ASTM A194-2H/SS304 |

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

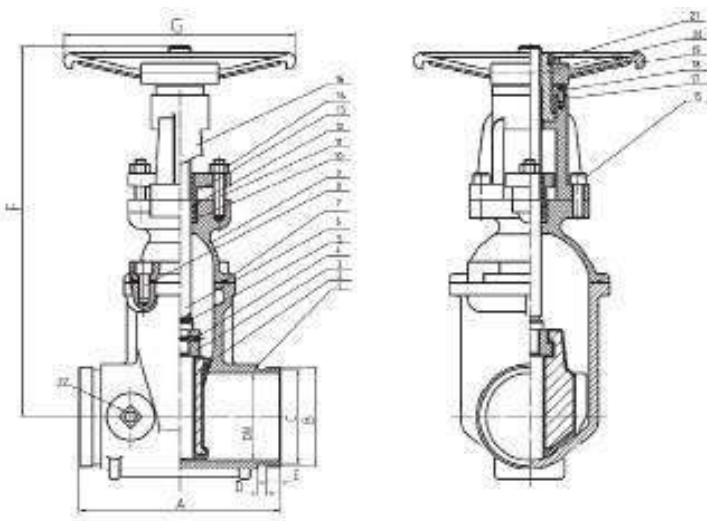
- Asme b16.1 class 125
- 300PSi
- bolted bonnet - non-rising stem -resilient wedge - flanged groove - groove
- groove conforms to AWWA c509
- 250psi/300psi psl bar non-shock cold work- ing pressure
- conforms to awwa c509
- groove ends conform to awwa c606
- groove ends conform to awwa c606
- flange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

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

12-ø25

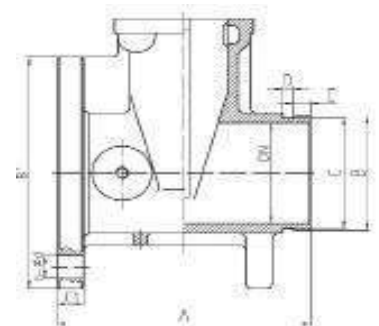
MATERIALLIST

| 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

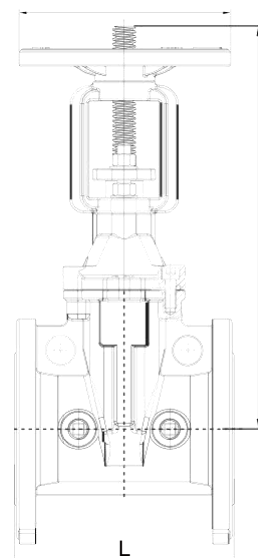
| Size | F | | | | | | | | | | | | | |
|------|-----|-------|-------|------|-------|------|-------|-----|------|---|----|-----|---------------|-----------|
| | A | B | C | D | E | open | close | b1 | c1 | n | ød | g | turns to open | weight kg |
| 100 | 229 | 114.3 | 109.6 | 9.53 | 15.88 | 582 | 462 | 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 |

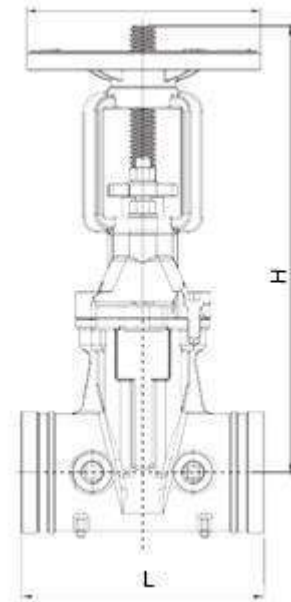
dimension

| 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 |

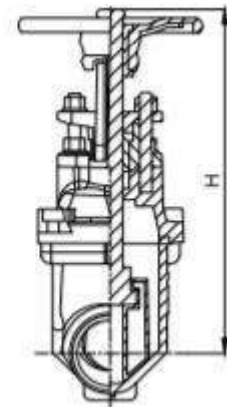
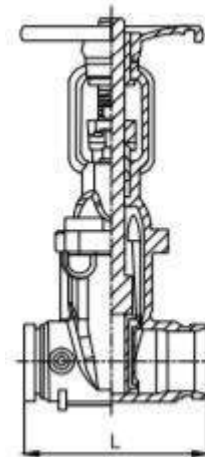
dimension

| 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

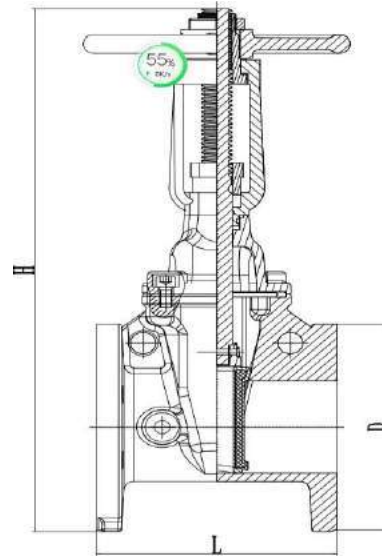
| Inch | DN | mm | L | H min (mm) | H min (mm) |
|------|-----|-------|-----|------------|------------|
| 2 | 50 | 60.3 | 178 | 348 | 400 |
| 3 | 80 | 88.9 | 203 | 408 | 490 |
| 4 | 100 | 114.3 | 229 | 471 | 573 |
| 6 | 150 | 165.1 | 267 | 601 | 755 |
| 8 | 200 | 219.1 | 292 | 774 | 975 |
| 10 | 250 | 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 Ra13000



Main parts and material

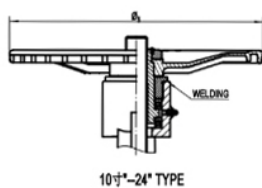
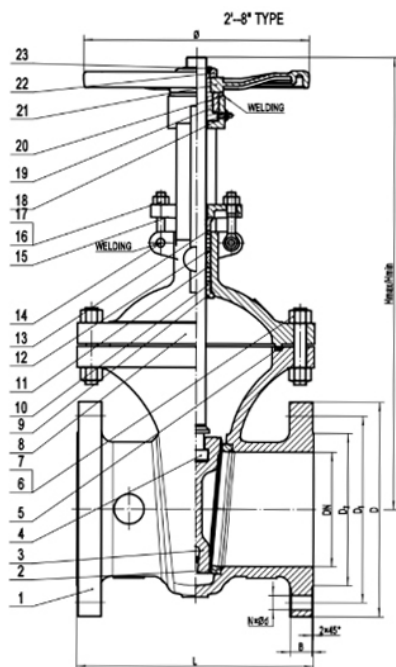
| | | | |
|-----------------------------|---------------------------------------|------------------|--------------------------------|
| Body | Ductile iron as A536, 65-45-12 | Bonnet | Ductile iron as A536, 65-45-12 |
| Resilient wedge disc | Ductile iron as A536, 65-45-12 + EPDM | Stem | SS304 / SS316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

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 |

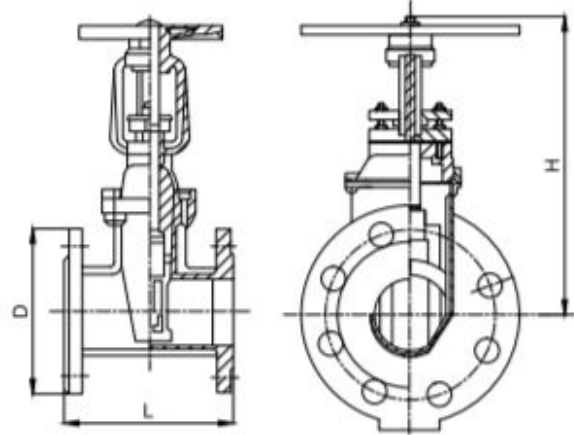
DIMENSION - WEIGHTS - QUANTITIES

| 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" |

INFILL VALVE + SS Float GR x GR Ends

Line pressure driven – Independent operation
Modulating hydraulic float control

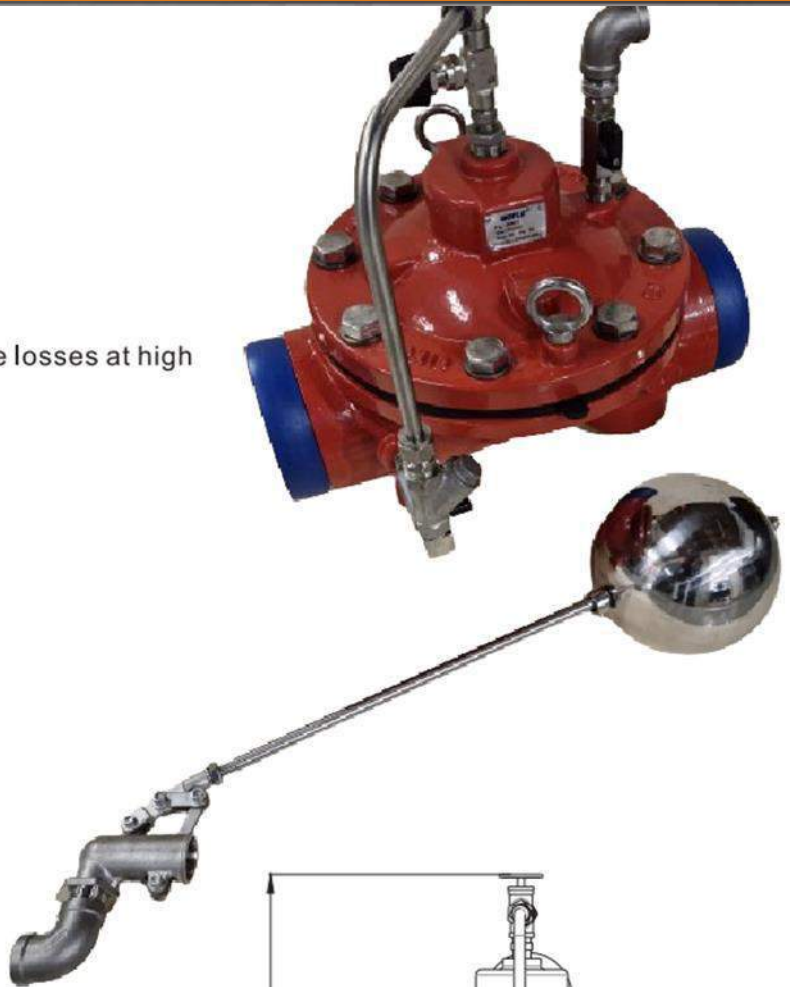
- Unobstructed flow path
- Single moving part
- Super design featuring exceptionally low pressure losses at high flow rates
- Fusion bonded epoxy coated interior and exterior

External installation

- Easy access
- Less wear and tear

In-line serviceable

- Low maintenance cost
- Flexible design - Easy addition of features
- The operation time can be adjusted



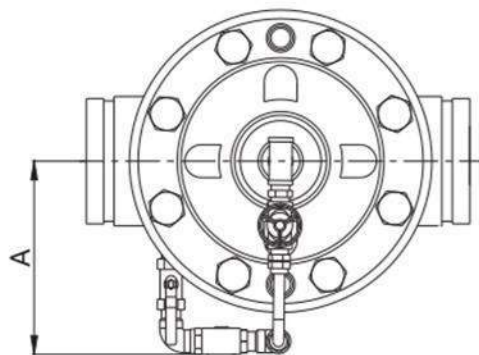
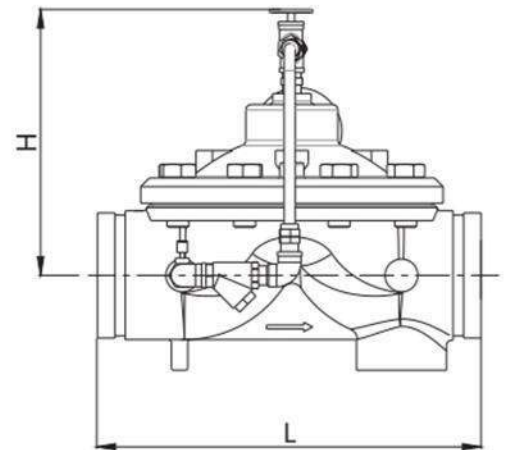
Technical Parameters

| | |
|--------------------|------------------|
| Structure Form | Diaphragm |
| Multiple End Types | Groove by Groove |
| Size | DN50 - DN300 |
| Working Pressure | Max: 16 bar |

| Part Name | Material |
|-----------|---------------------------------|
| Body | Ductile Iron |
| Cover | Ductile Iron |
| Diaphragm | Rubber |
| Trim | SS304, SS316 and Brass optional |

Main Dimensios (mm)

| Size | L | H | A |
|-------|-----|-----|-----|
| DN100 | 356 | 270 | 230 |
| DN150 | 436 | 290 | 265 |



300PSI-NRS TYPE FLANGED END GATE VALVE

NRS-065 → NRS-300

300PSI NRS GATE VALVE

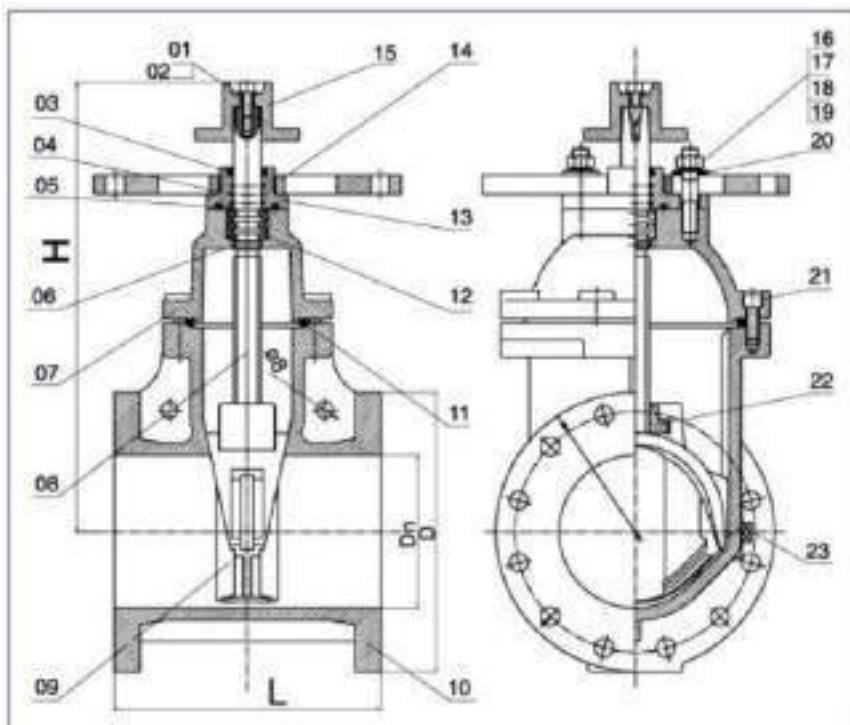


| DIMENSION - WEIGHTS - QUANTITIES | | | | | | | | |
|----------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| SIZE | 2.5" | 3" | 4" | 5" | 6" | 8" | 10" | 12" |
| Dn | 69 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
| L | 190 | 203 | 229 | 254 | 267 | 292 | 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 |

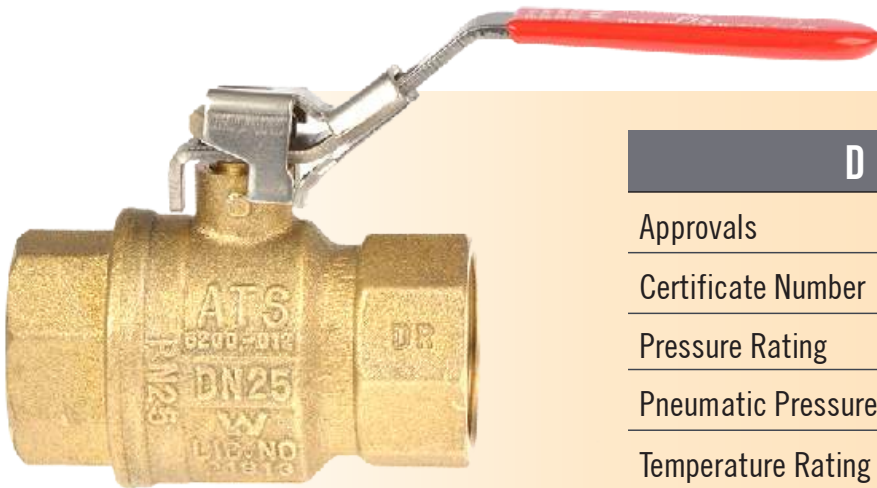


FIS LOCKABLE BALL VALVE

BVL-001
BALL VALVE

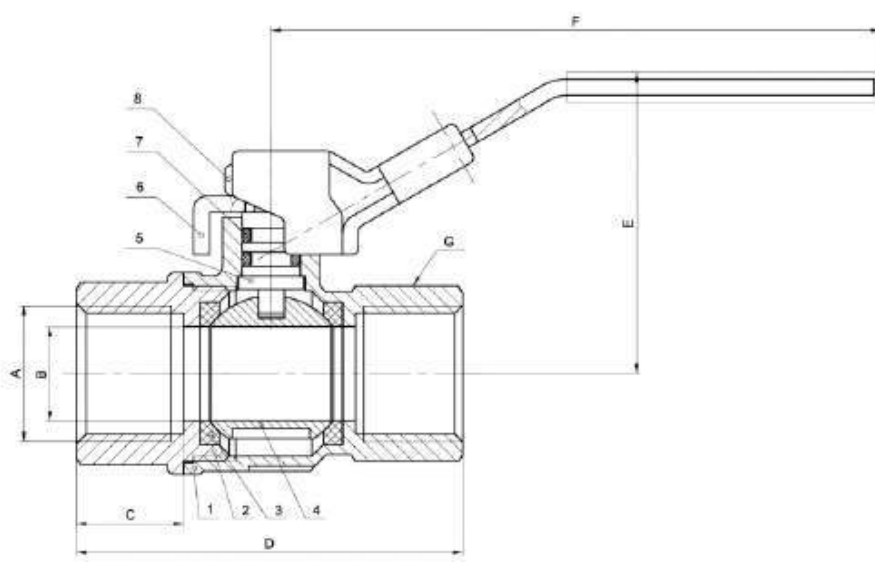


Gas Safety Certification Scheme
AC 4617-2004 - Manual shut-off gas valves
Certificate No:GSCS20133



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.

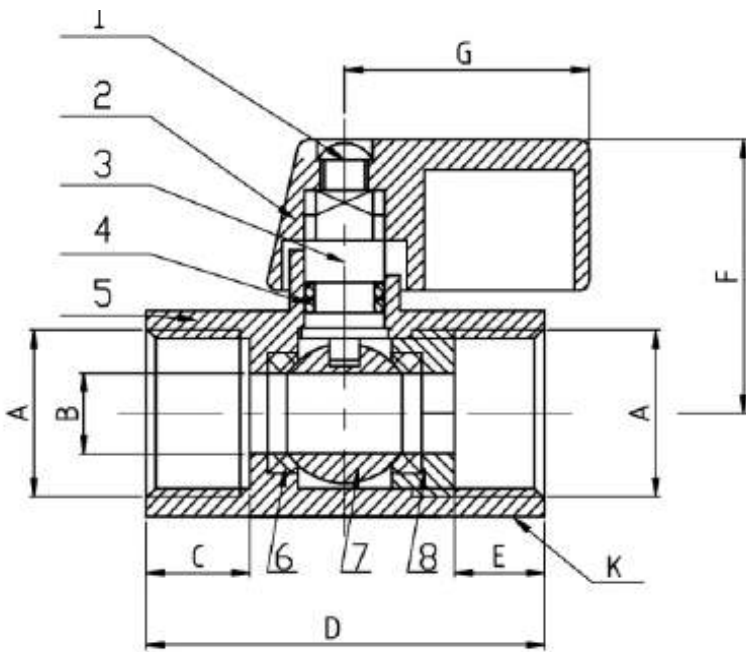
FIS MINI BALL VALVE

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

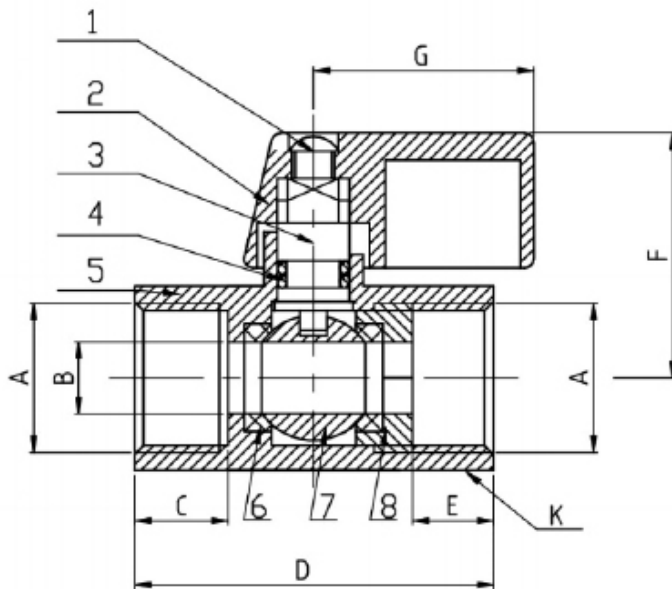
MBM-001 → MBM-002

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 |

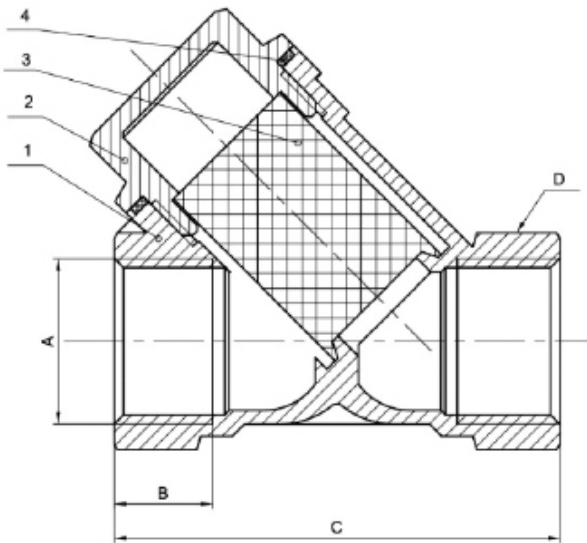
Y STRAINER

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 |

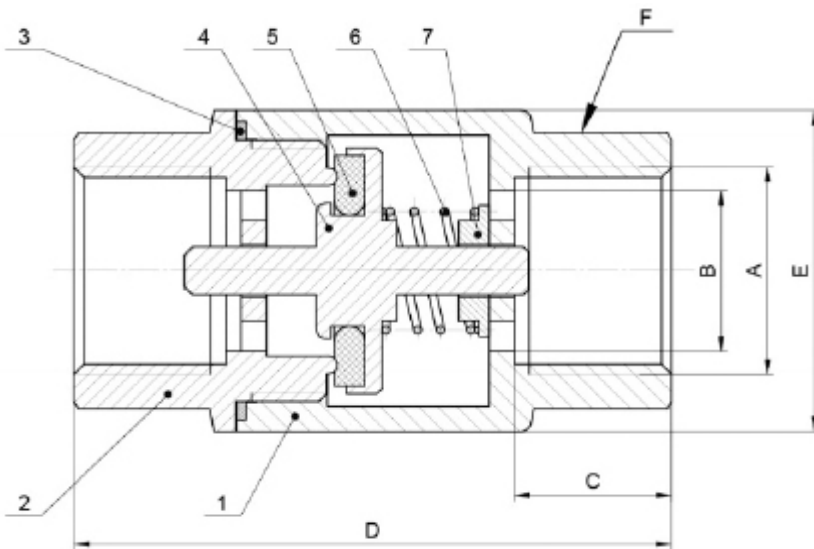
SPRING BRASS CHECK VALVES

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 |

HEM-002

Jute Hemp Rolls

Quality 6 Ply Jute Hemp

26 Meters per Roll



FIS pipe thread tape

TFY -010 → tfp-830
pipe thread tape



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 |

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.

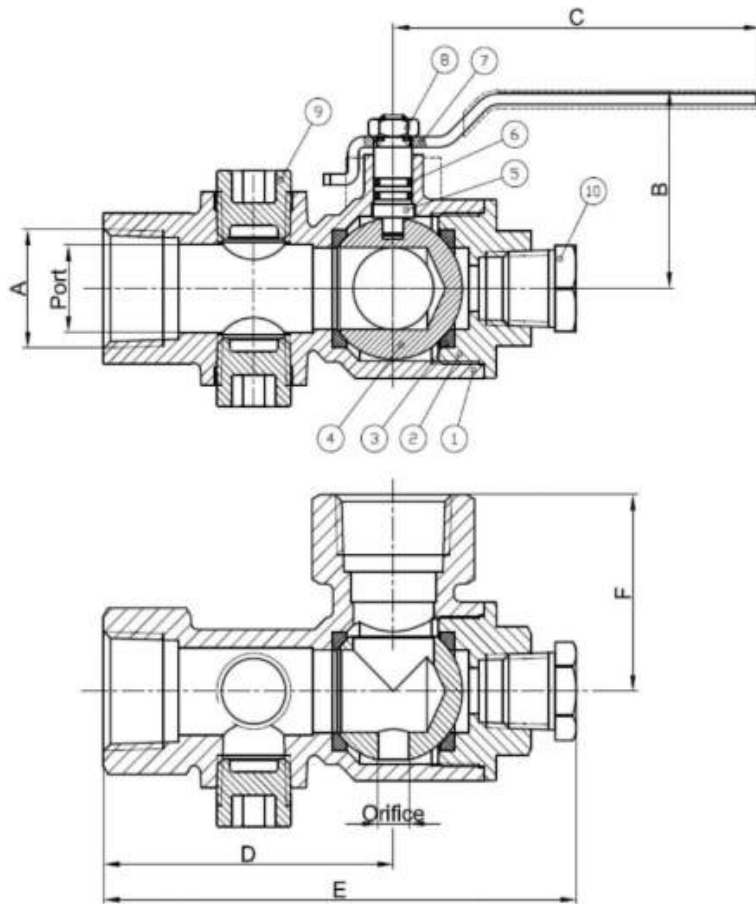
FM Approved



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.

TEST & Drain valve



| 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



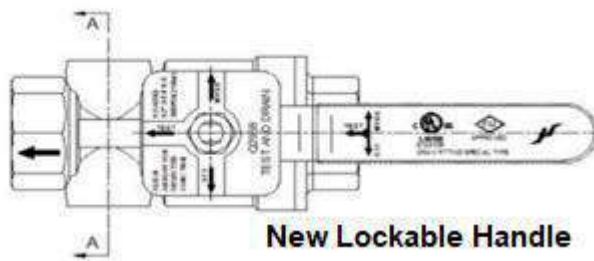
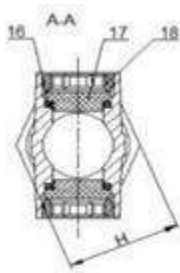
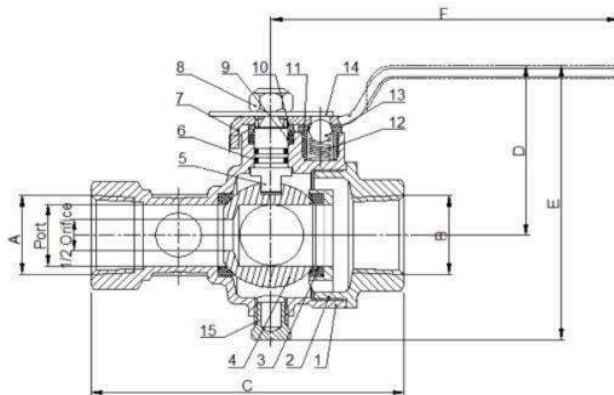
This Test & Drain Valve Used to test waterflow through sprinkler systems. When not in the closed position, the valve can be either fully open (full port), .

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



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 |

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" |

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

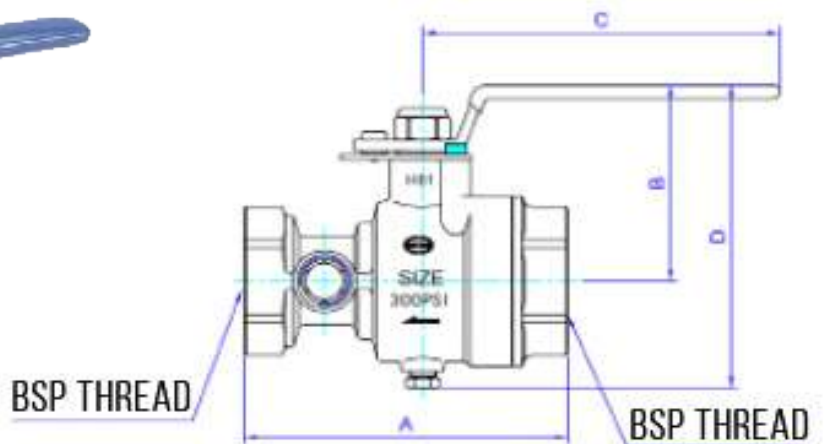
| MATERIALS | |
|-----------|-------|
| BODY | BRASS |
| END PIECE | BRASS |
| BALL | BRASS |
| SEAT | TFM |
| LEVER | STEEL |

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 |

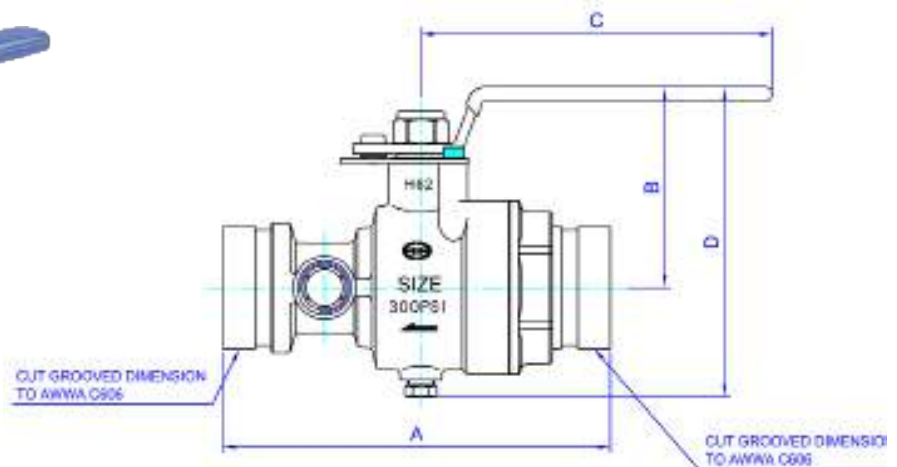


WTV-062

TEST AND DRAIN VALVE RG



| SIZE | A±2 | B±2 | C±2 | D±3 | ⊠E | ⊠F | M±0.76 | N±0.76 |
|------|-----|-----|-----|-----|----|----|--------|--------|
|------|-----|-----|-----|-----|----|----|--------|--------|



SOLENOID VALVE - FLUID CONTROL

SOL-015 → SOL-025

SOLENOID VALVE



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

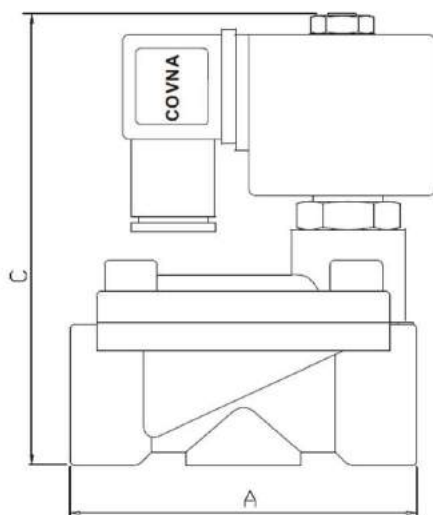
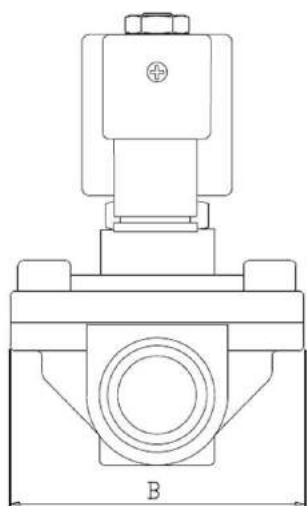
2. APPLIED TO PRESSURE SYSTEM OPENED FROM 0.3 BAR.

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 |

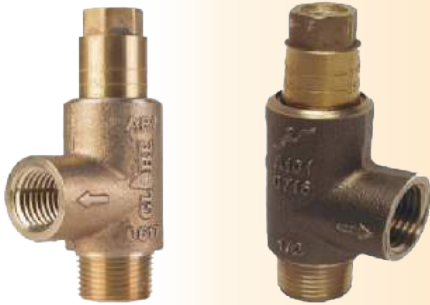
| MATERIALS | |
|---------------|----------------------|
| PLUNGER | STAINLESS STEEL 430F |
| STOP | SS 403F |
| SPRINGS | SS 304 |
| SHADING RINGS | STAINLESS STEEL 304 |

| 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

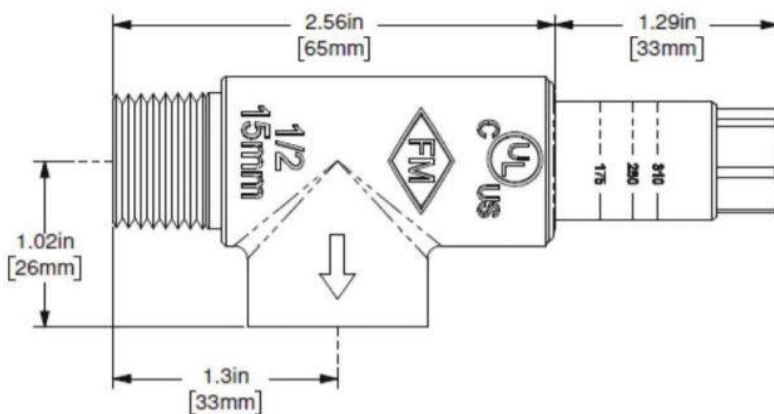
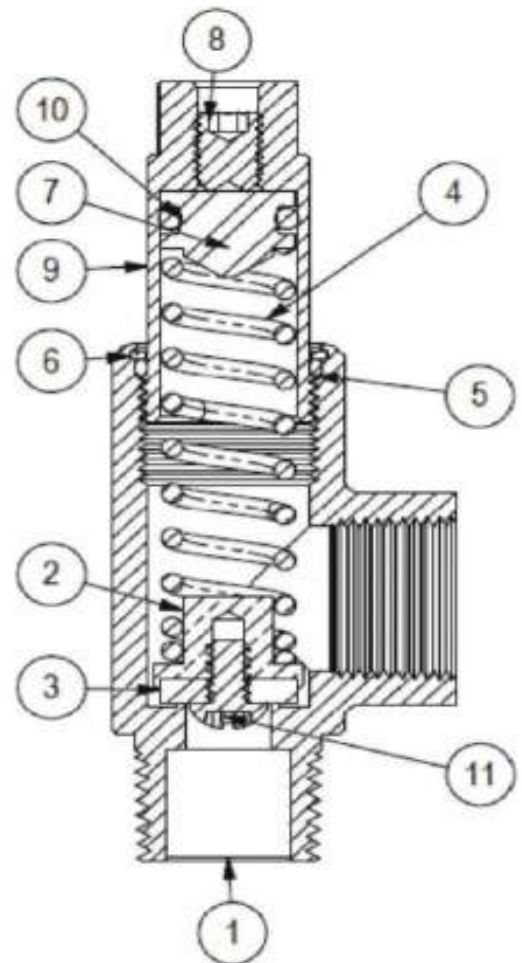
RELIEF VALVE



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 |



BSPT Type

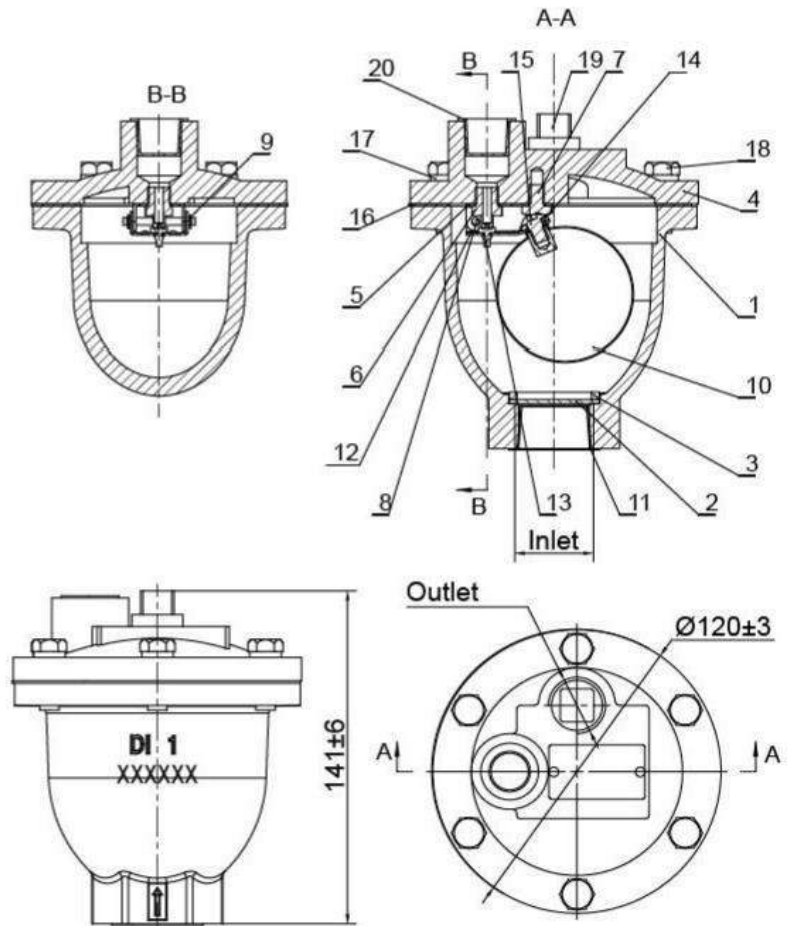
Technical Features

- 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

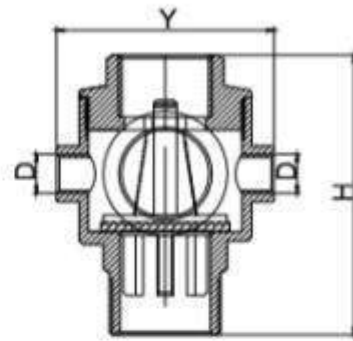
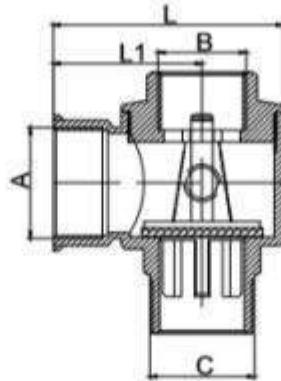
- The inlet connections shall be made using the external threads of tapered pipe thread 1-11 1/2NP conforming to the standard ASME B 1.20.1-2013, and the outlet connections shall be made using the external threads of tapered pipe thread 1/2-14NPT conforming to the standard ASME B 1.20.1-2013.
- The inlet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

STAINLESS STEEL 5 WAY

WITH CHECK VALVE Pressure Rate: 1600kpa

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

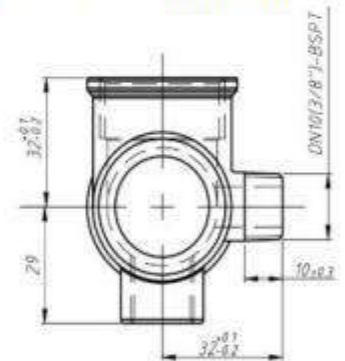
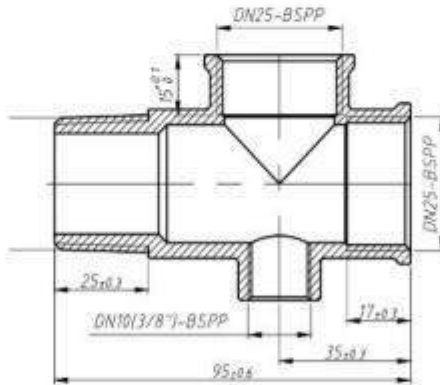


WAY-025

STAINLESS STEEL 5 WAY FITTINGS

Pressure Rate: 2100kpa

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

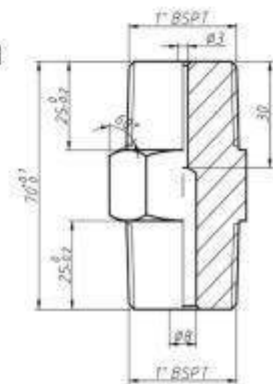
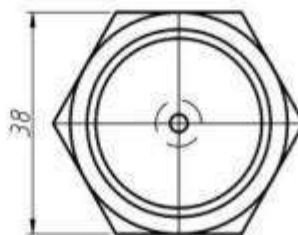


SNP-025

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

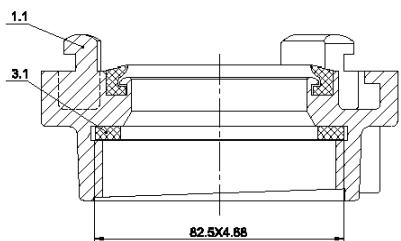
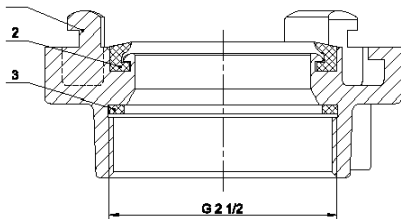


Details

| | |
|-----------------------|---------------------|
| 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 |



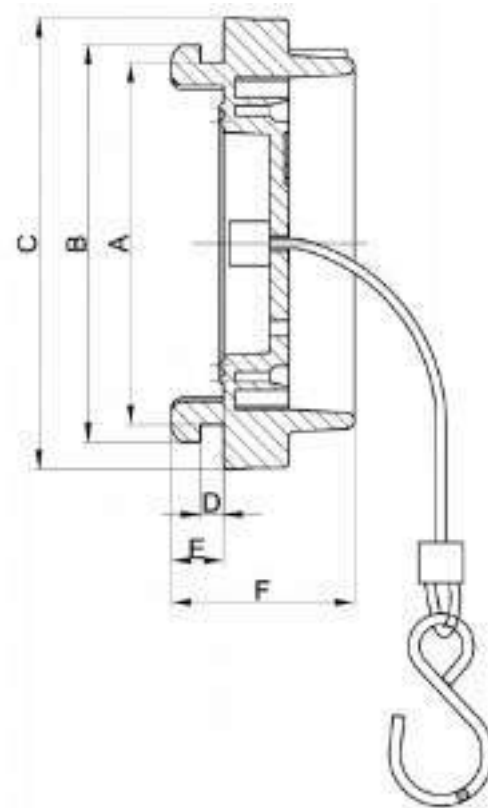
| item | name |
|------|------------|
| 1 | Storz Body |
| 1.1 | Seal |
| 3 | Seal |
| 3.1 | Seal |

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

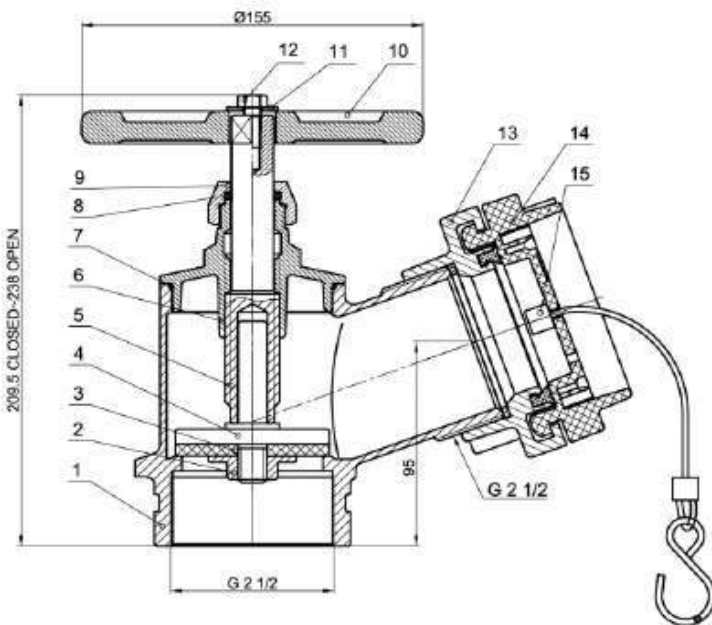
HYD -020

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 $\geq 25\text{kPa}$
- Sealing torque $< 40\text{Nm}$ when pressure 21 bar
- Body test & seat test 27bar (2700kPa)
- Pressure retention test 32bar (3200kPa) Temperature Rating -10°C
- $\sim 85^{\circ}\text{C}$
- 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



| 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)

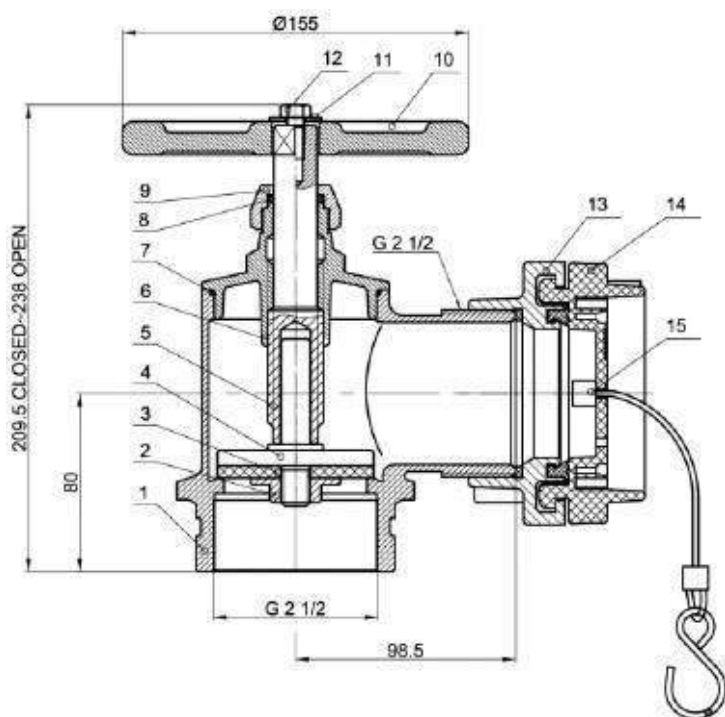
Temperature Rate $-10^{\circ}\text{C} - 85^{\circ}\text{C}$

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

Approve AS 2345 dezincification test

Flow rate 10L/s when pressure 25kPa

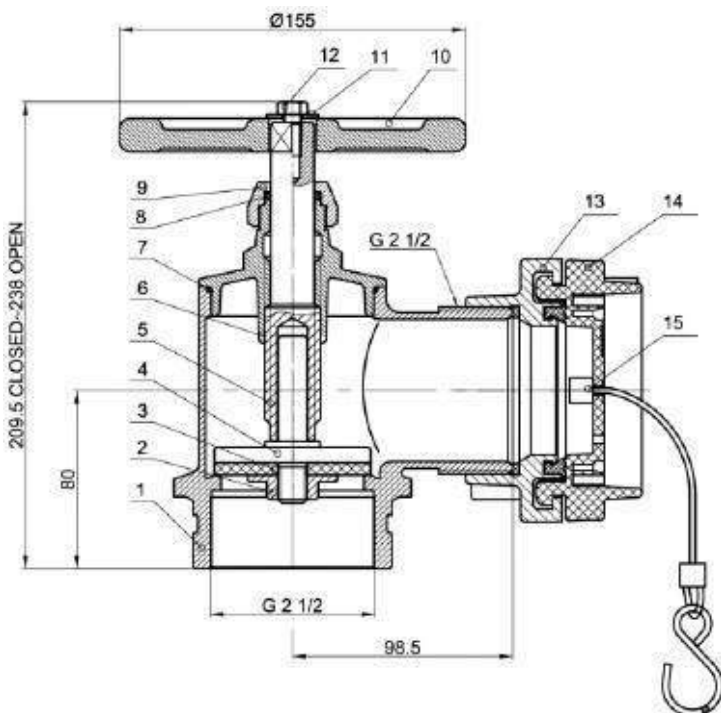
Sealing torque 40Nm when pressure 21 bar

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



| 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

Approve AS 2345 dezincification test

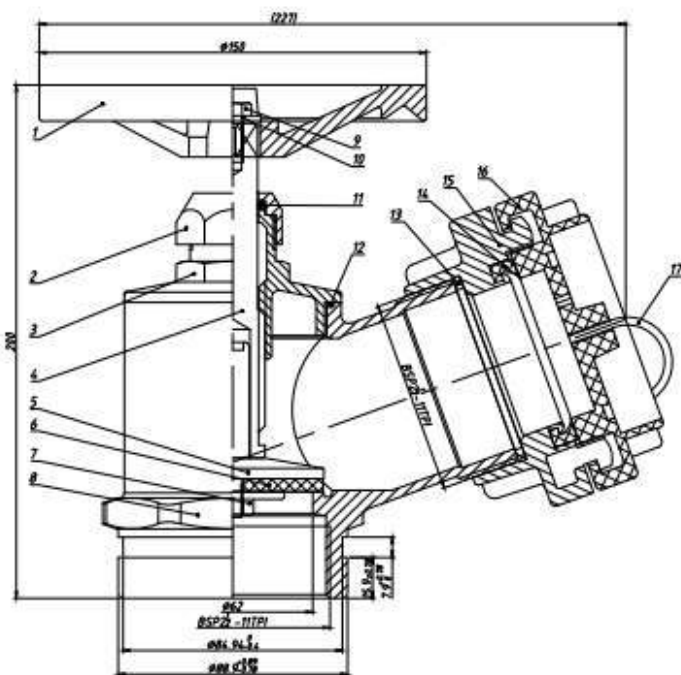
Flow rate 10L/s when pressure 25kPa

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



| 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

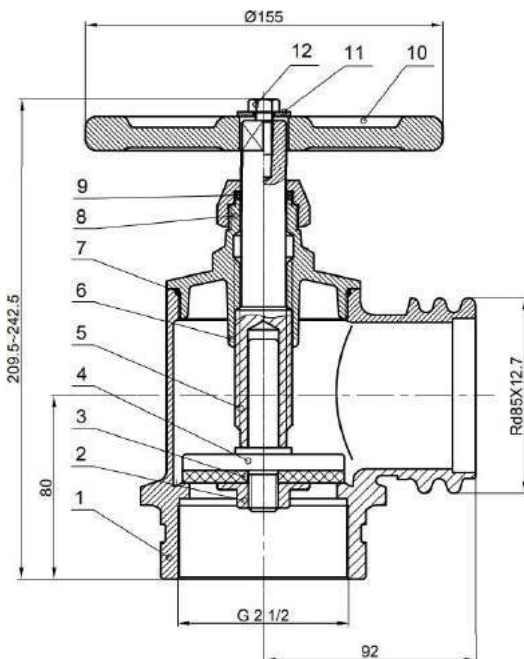
QRT Hydrants "QLD" Thread

**80mm Roll Groove 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

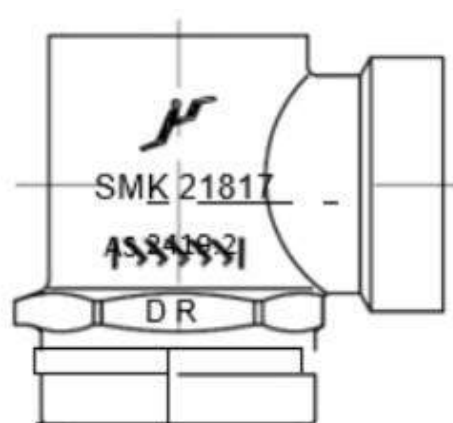
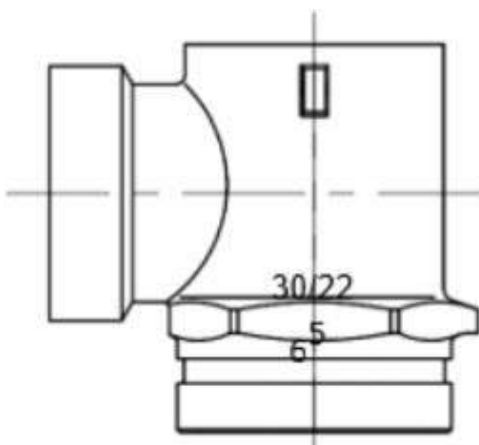
British Instantaneous Hydrants

80mm Roll Groove 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

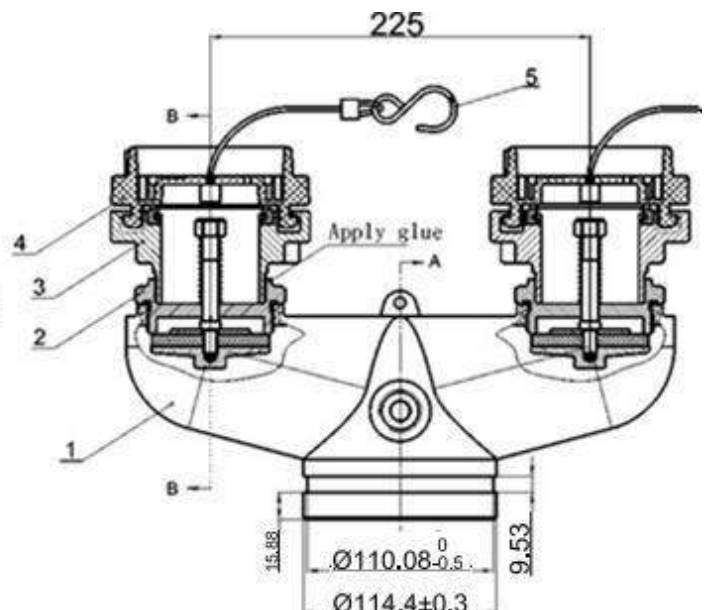
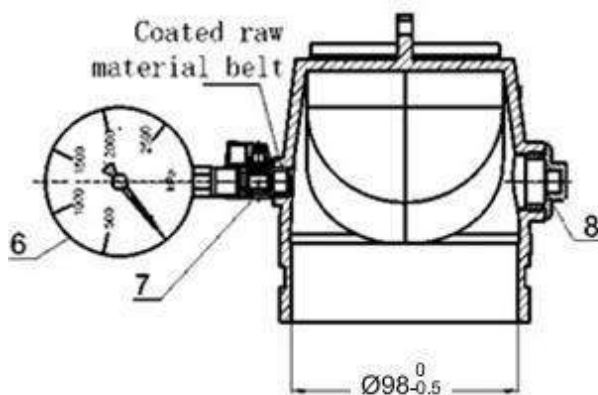
Brass Dual Boosters - RG REAR Entry

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 |



DBB-100

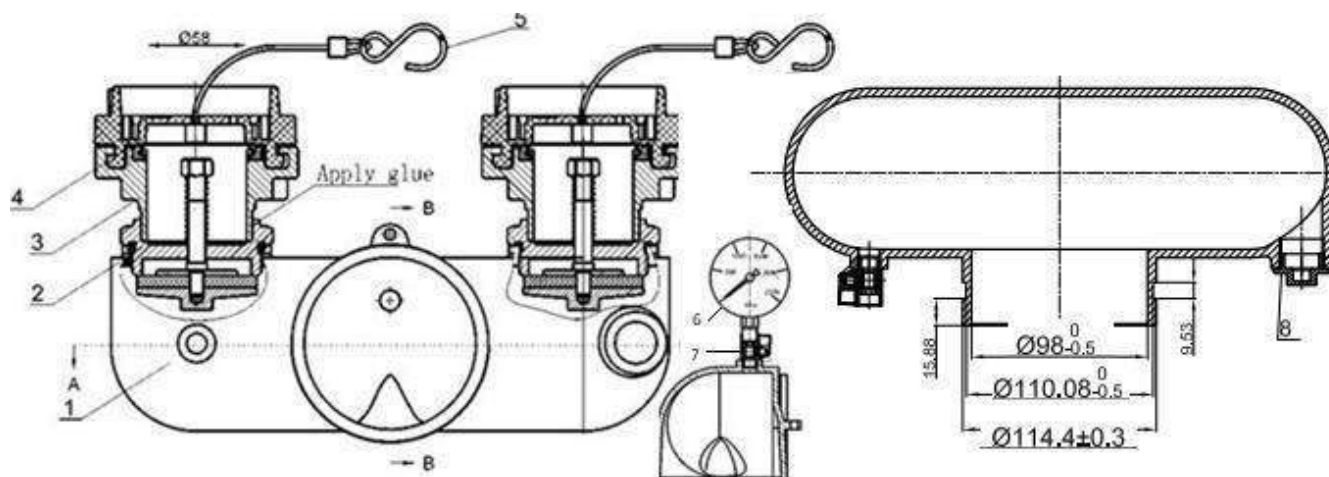
Brass Dual Boosters - RG Bottom Entry

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



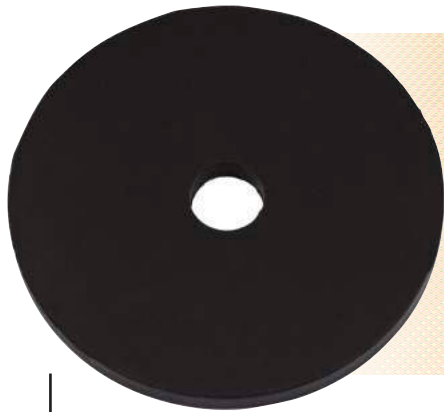
Material

| | |
|---------------------------------|---|
| 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

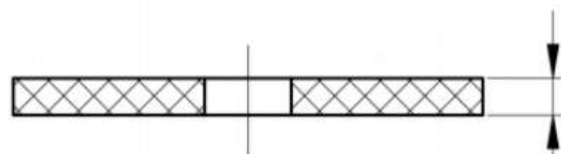
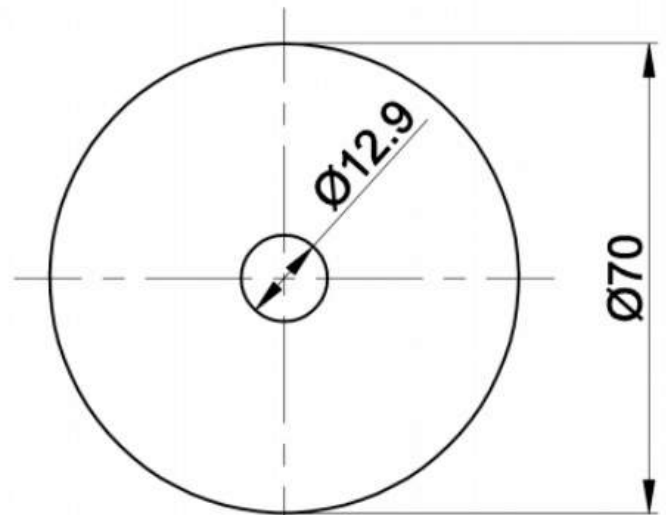


• Spare parts for fire hydrant landing valve.



J280C-fm1-03

Internal Washer



MATERIAL: NBR (A70+5°)
(BLACK)

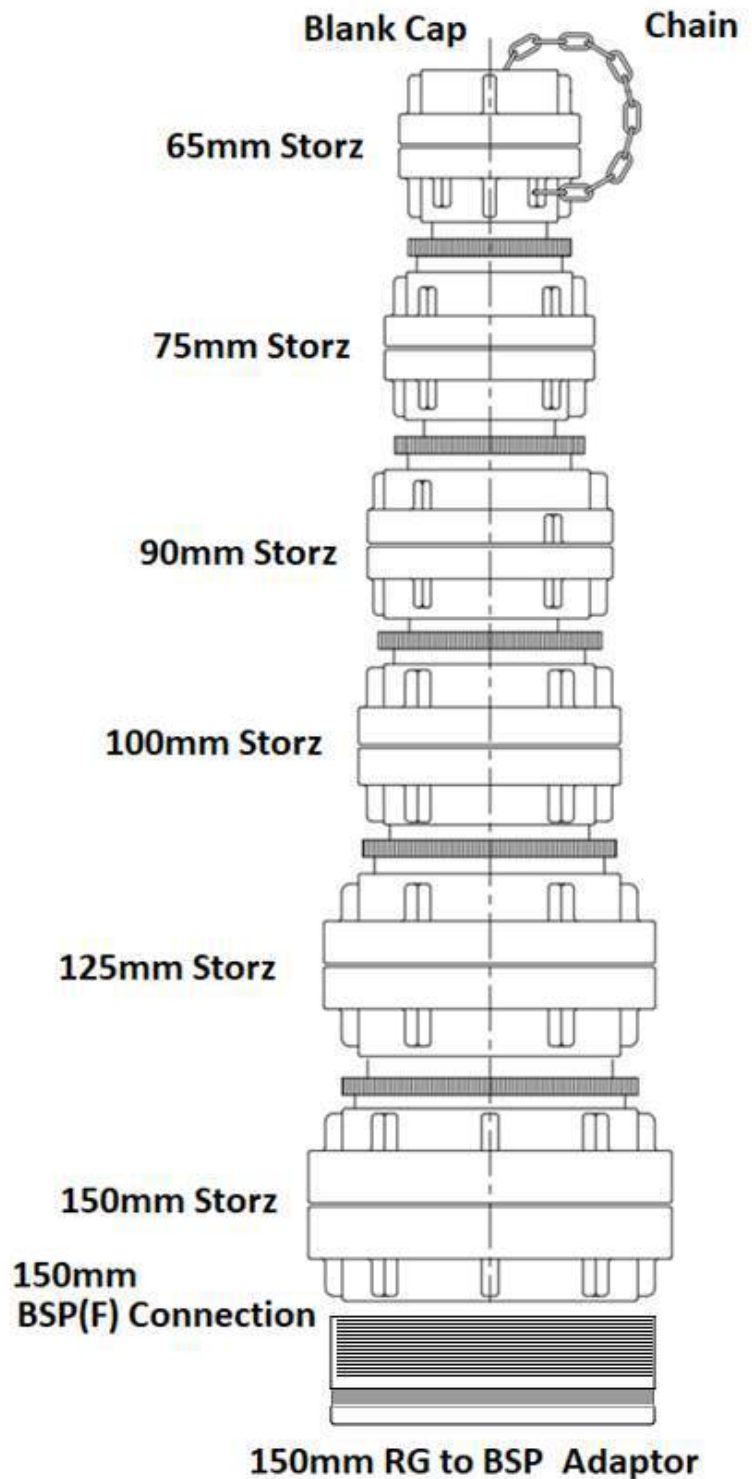
5.5

Storz Suction Adaptor

SSA -065

150mm to 65mm Storz Suction Adaptor

Storz Suction Adaptor "150 - 125 - 100 - 90 - 75 - 65mm"

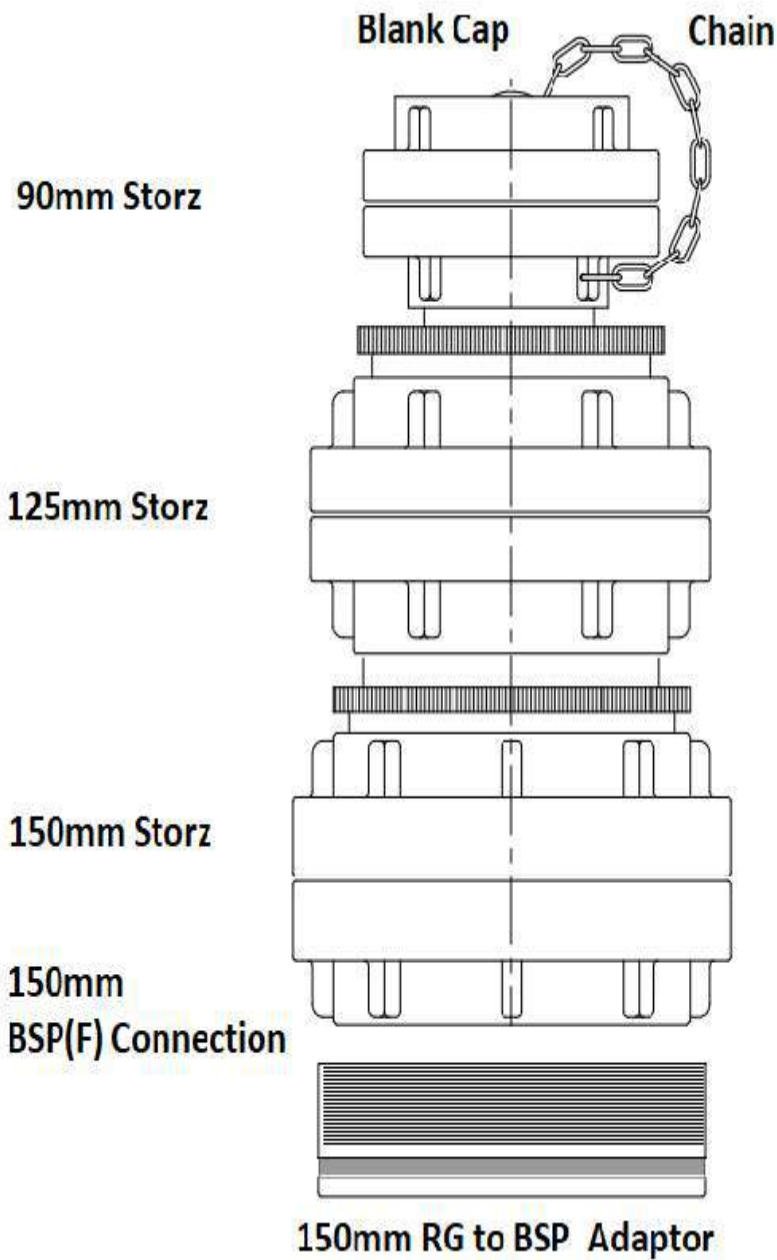


Storz Suction Adaptor

SSA -090

150mm to 90mm Storz Suction Adaptor

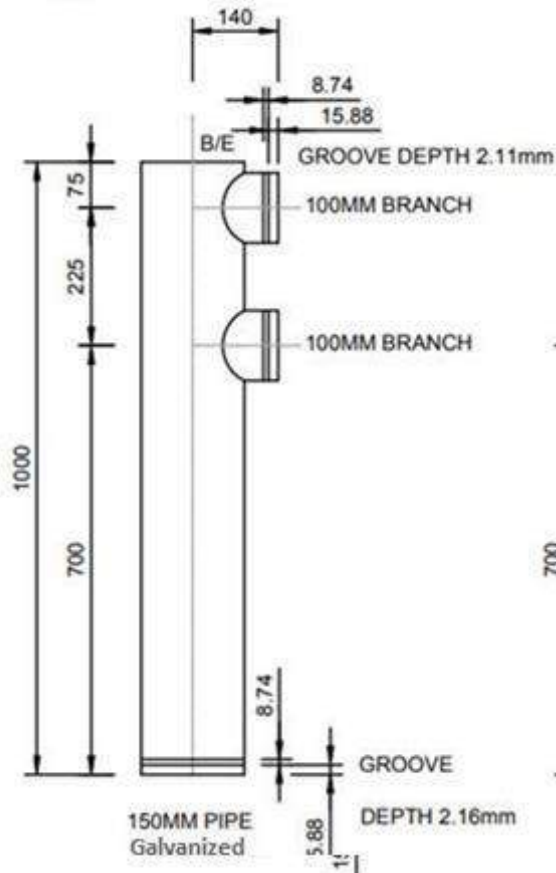
Storz Suction Adaptor "150 - 125 - 90mm"



QBR -070 -100

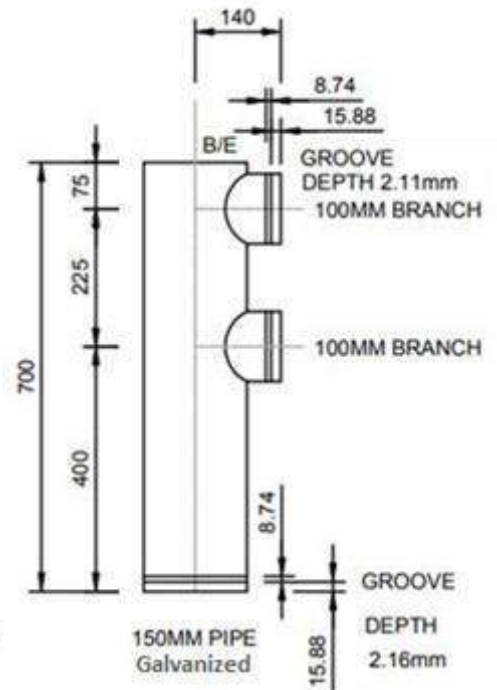
150mm Quad Boosters Gal RG Risers

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

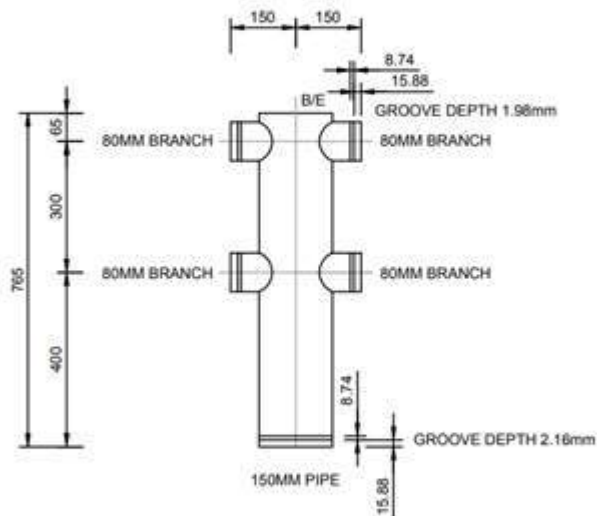
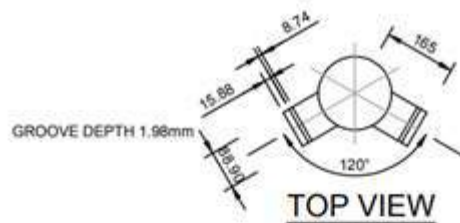
150mm Hydrant Gal RG Risers



**150mm Pipe
Hydrant Gal RG Riser**

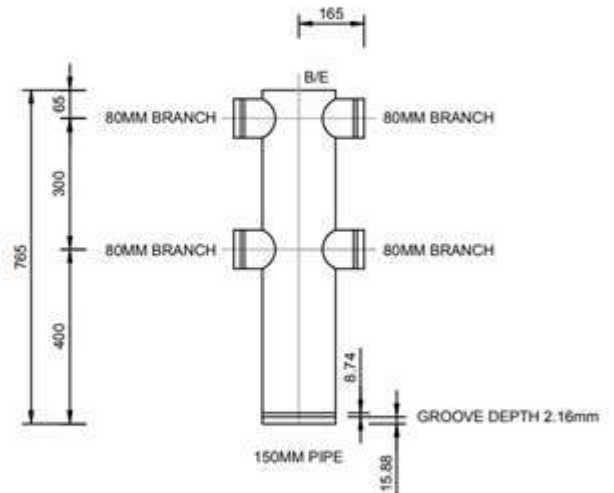
120° Angled Branches

180° Straight Branches



QUAD STANDPIPE - STRAIGHT BRANCHES

Code : HRR-180



QUAD STANDPIPE - ANGLE BRANCHES

Code : HRR-120

Roll Groove Brass Ring



Working Temperature 1°C - 95°C

Maximum Pressure Rating 1600kPa



Watermark Approved

DR Brass

Tested and certified to AS 3688

| FIS Code | Size | ID | OD | Height |
|----------|-------|-----|-----|--------|
| BRG-100 | 100mm | 97 | 114 | 39 |
| BRG-150 | 150mm | 146 | 165 | 40 |

ALM -065-200

65mm to 200mm Roll Groove Alarm Valve



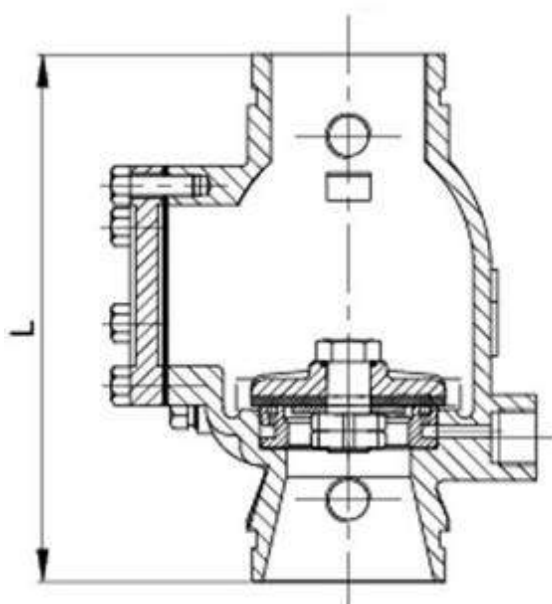
Working Pressure: 300PSI

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 |

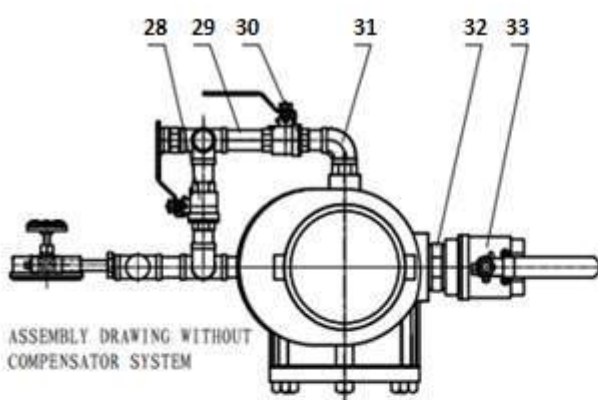
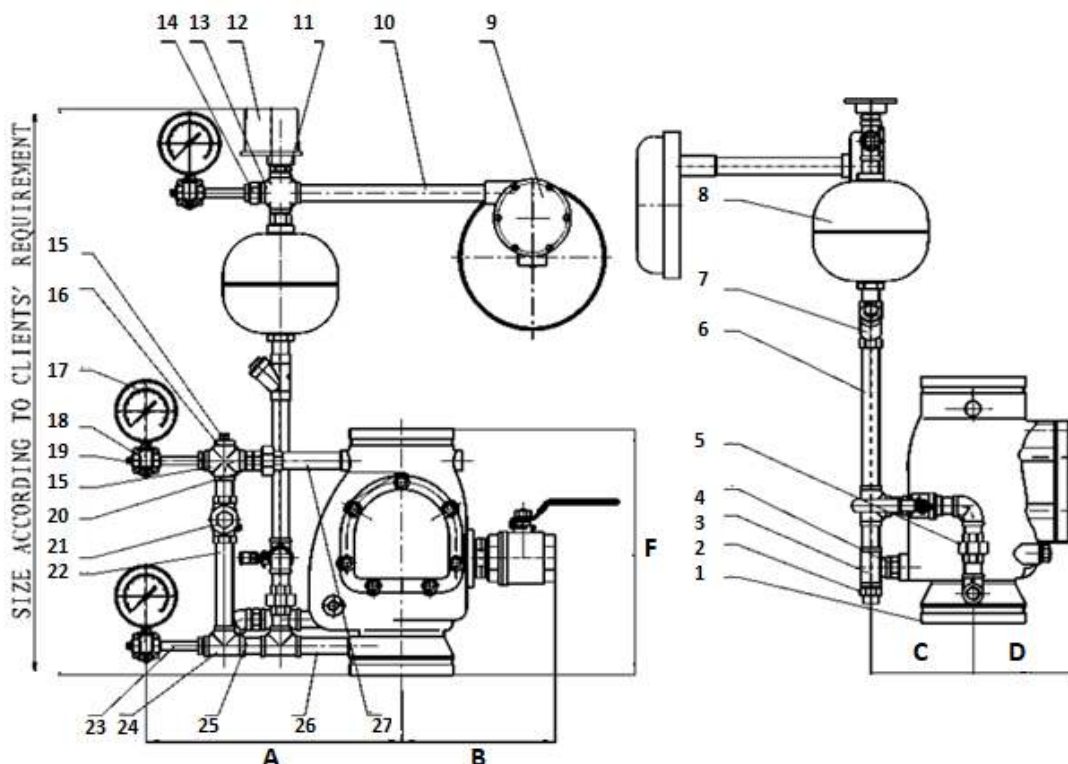
Example use of Alarm valve in an Alarm System

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.



| SIZE INCH | 2" | 2.5" | 3" | 4" | 5" | 6" | 8" | 10" | 12" |
|-----------|-----|------|-----|-----|-----|-----|-----|-----|-----|
| a | 340 | 340 | 340 | 342 | 349 | 349 | 415 | 475 | 495 |
| b | 205 | 205 | 205 | 250 | 274 | 274 | 290 | 340 | 368 |
| c | 145 | 145 | 145 | 160 | 180 | 180 | 205 | 240 | 270 |
| d | 110 | 110 | 110 | 136 | 162 | 162 | 195 | 235 | 270 |
| f | 233 | 237 | 245 | 316 | 386 | 390 | 438 | 535 | 622 |

| 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

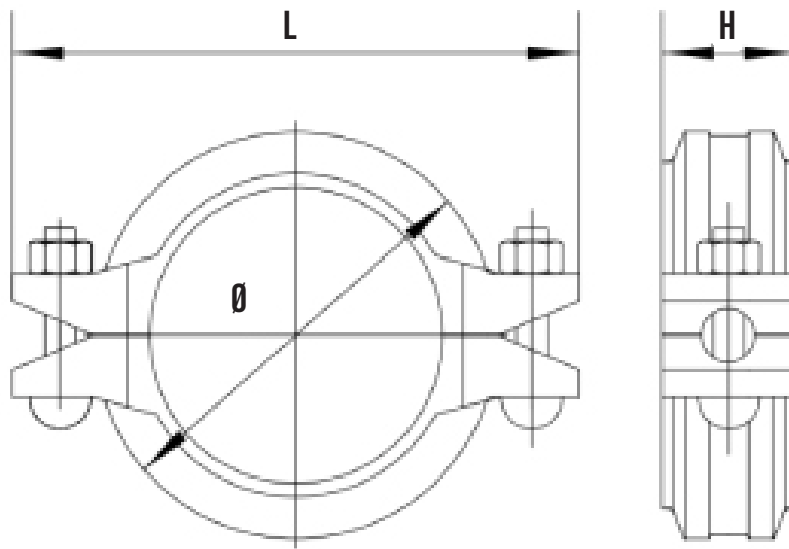


FIS Galvanised Fittings

ROLLED GROOVED RIGID COUPLING (GALVANISED)

RGR-050 → RGR-300

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



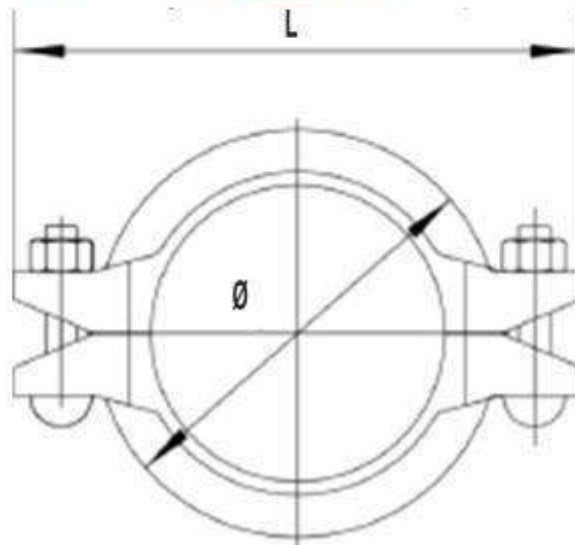
DIMENSIONS - WEIGHT

| 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 | |

RG Painted Couplings

RGP

Roll Groove Rigid Painted Couplings



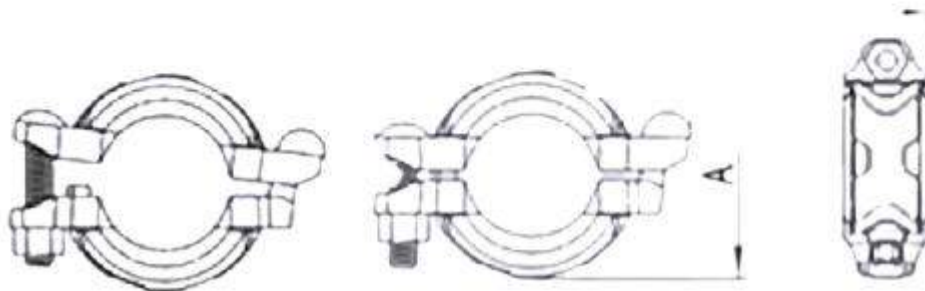
| MODEL | mm | Pipe O.D mm | WORKINGPRESSURE |
|---------|-----|-------------|-----------------|
| RGP-065 | 65 | 76.1 | 300 |
| RGP-100 | 100 | 114.3 | 300 |
| RGP-150 | 150 | 165.1 | 300 |

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 |

Roll Groove Transitional Couplings

Function:

Reduces pipe size within the flexible coupling

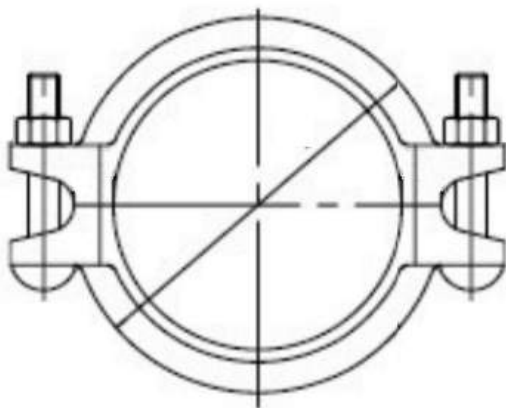
Compatibility:

Connects API size pipe, valves, and fittings to Australian OD165 Size couplings

Material:

Galvanised

FM / UL Certified



DN165



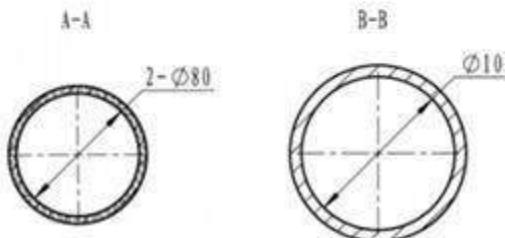
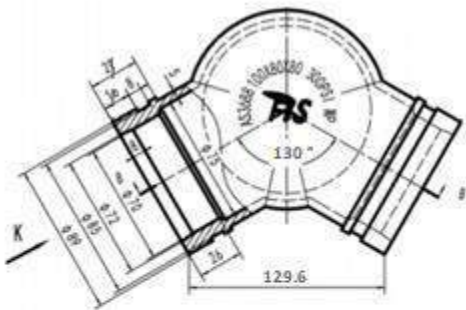
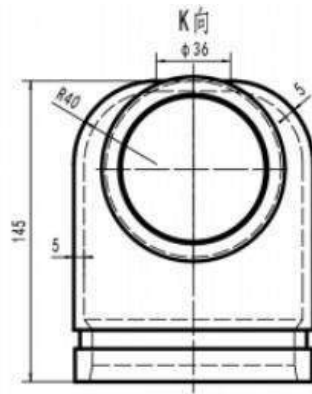
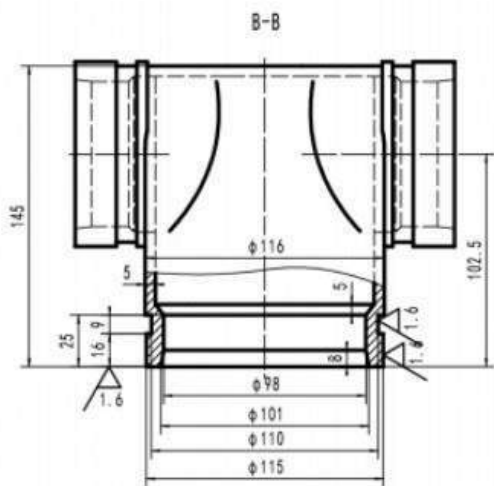
DN168

Fire hydrant landing valve Bull nose tee

Galvanised roll grooved

BNT-001

Galvanised bull nose tee



Sample in use.



RG hydrant TEE

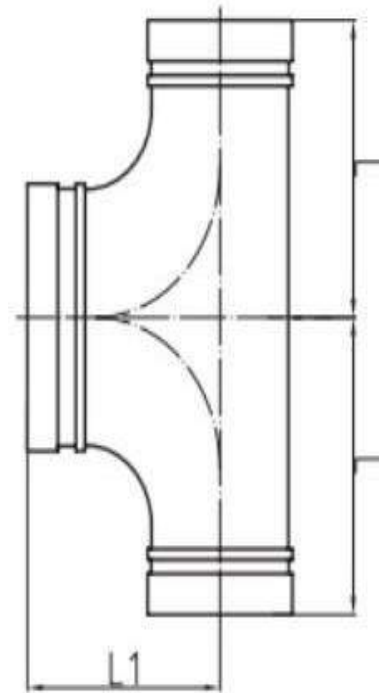
Galvanised

BNT-005

Galvanized RG hydrant TEE



| 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 |



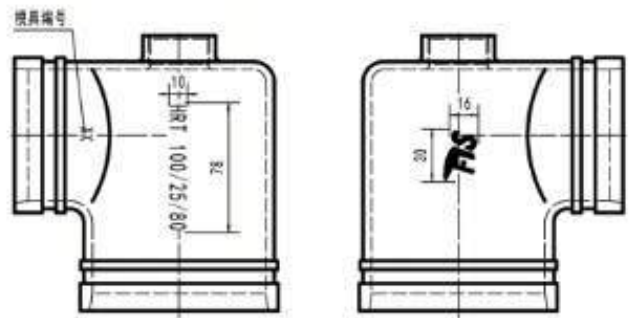
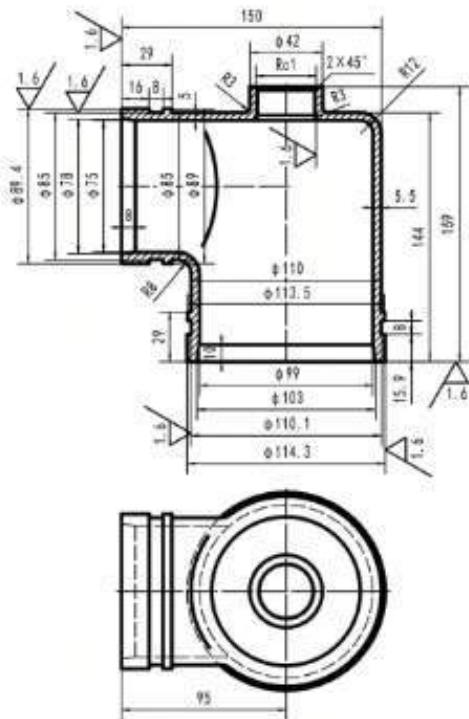
RUNNING TEE

GALVANISED ROLL GROOVED

BNT-002

GALVANISED RG RUNNING TEE

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 |

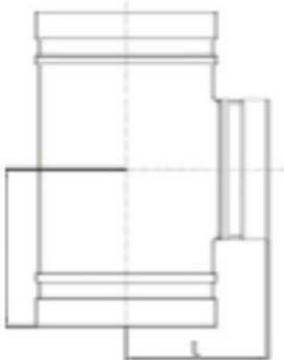
ROLL GROOVE TEE

Galvanized



RDT-042→RDT-064

Reducing Tee gal RG



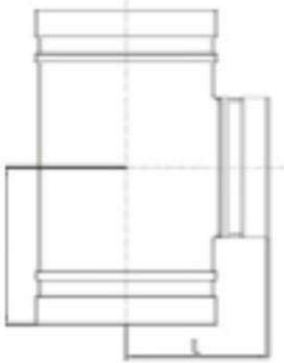
| CODE | NOMINAL SIZE mm/in | PIPE O.D mm/in | WORKING PRESSURE PSI/MPA | L mm/in SHORT |
|---------|--------------------|-----------------------|--------------------------|---------------|
| RDT-042 | 100 x 100 x 50 | 114.3 x 114.3 x 60.3 | 300 | 102 |
| | 4 x 4 x 2 | 4.5 x 4.5 x 2.375 | 2.07 | 4.016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

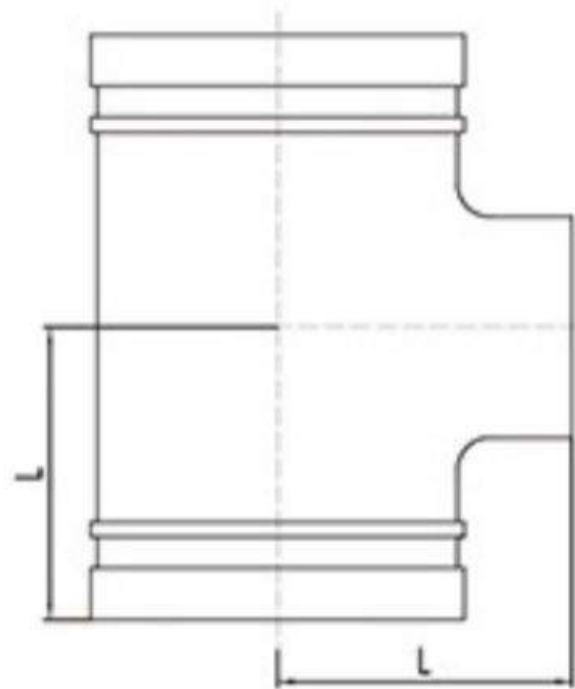
Galvanized

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

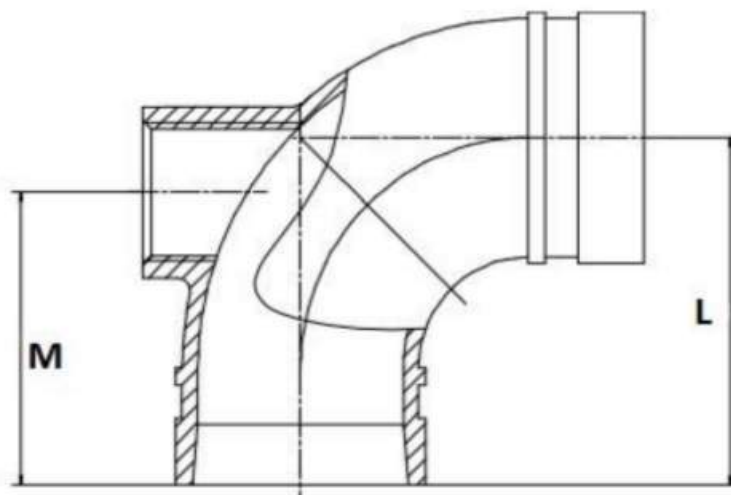
GALVANISED ROLL GROOVED

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

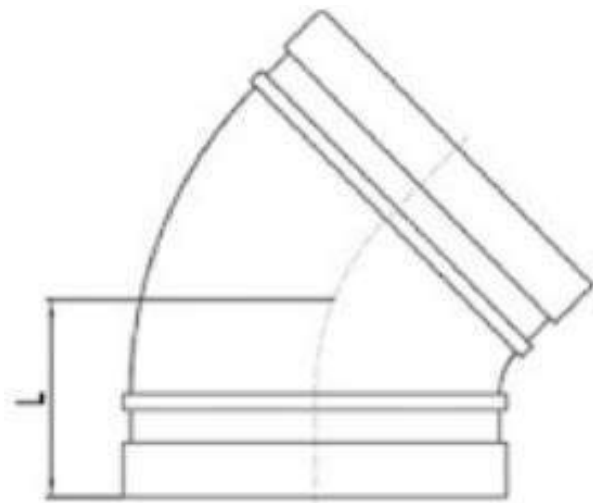
Galvanized ROLL GROOVED

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 |

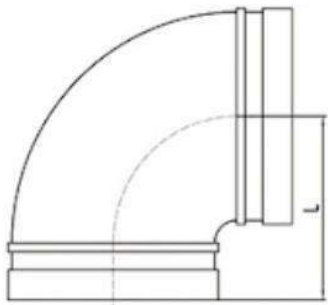


ELBOWS 90 Degree

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 |



Test CAP

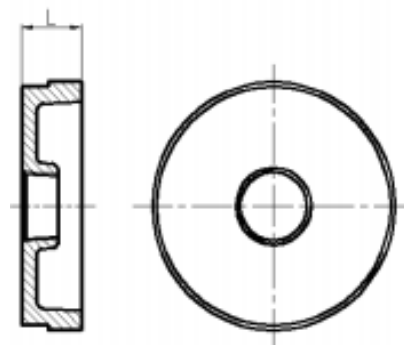
Roll Groove Galvanised

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

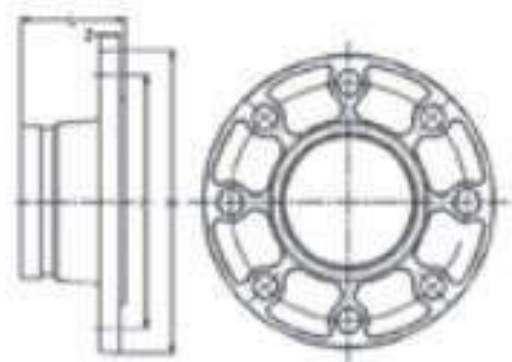
Galvanized

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 |



RG CROSS

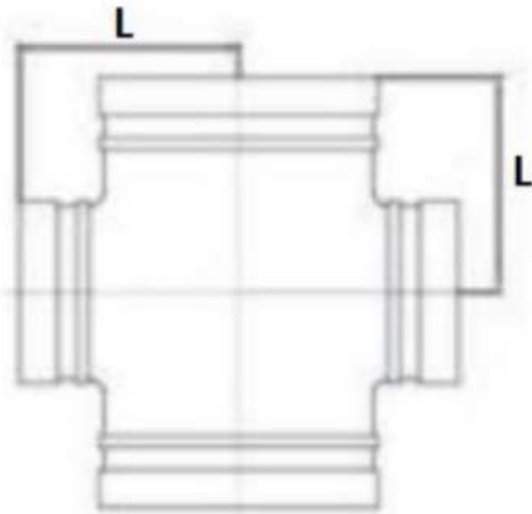
GALVANISED ROLL GROOVED

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

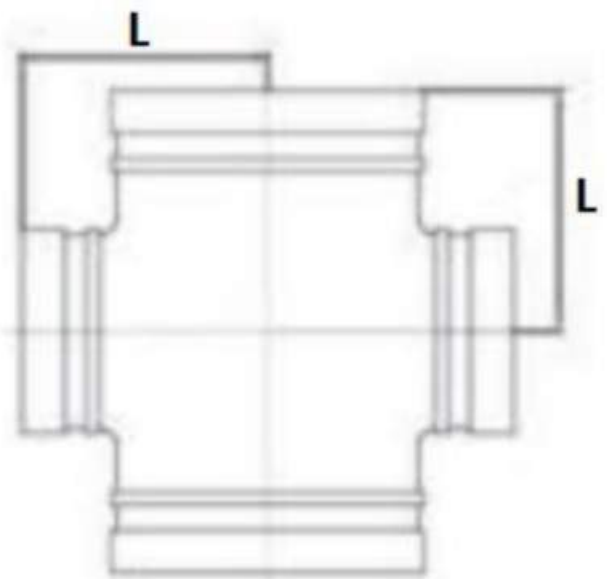
GALVANISED ROLL GROOVED

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

LEX-038

LEXUS 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



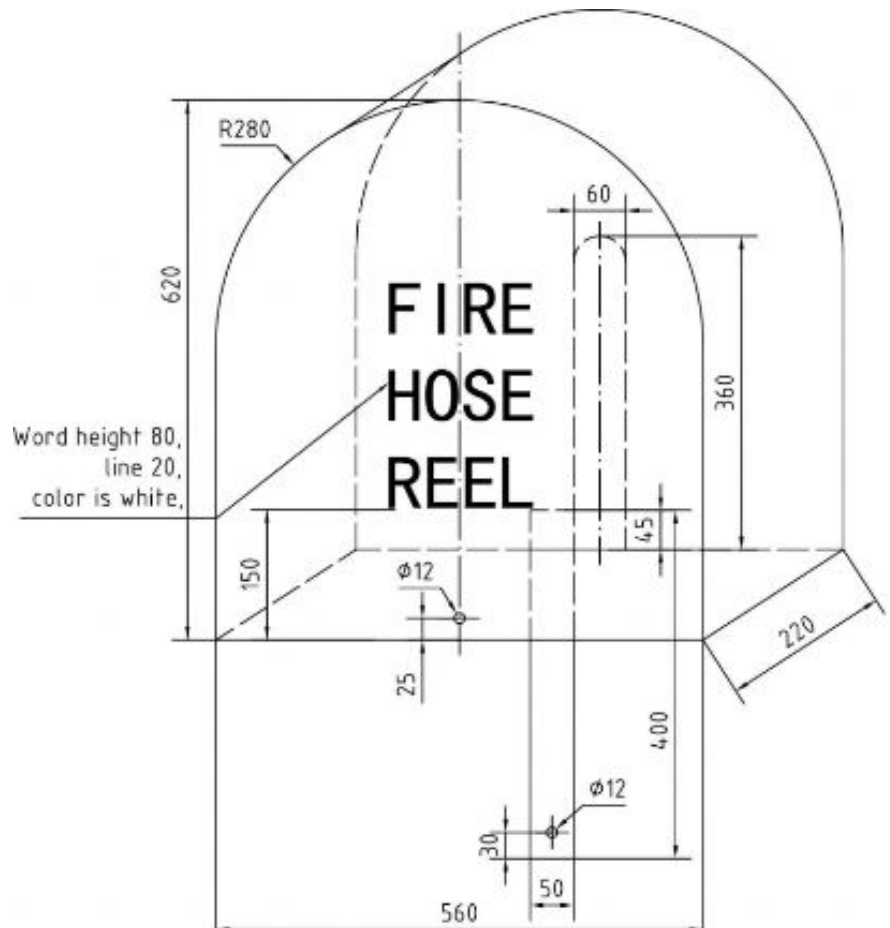
DETAILS

- 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

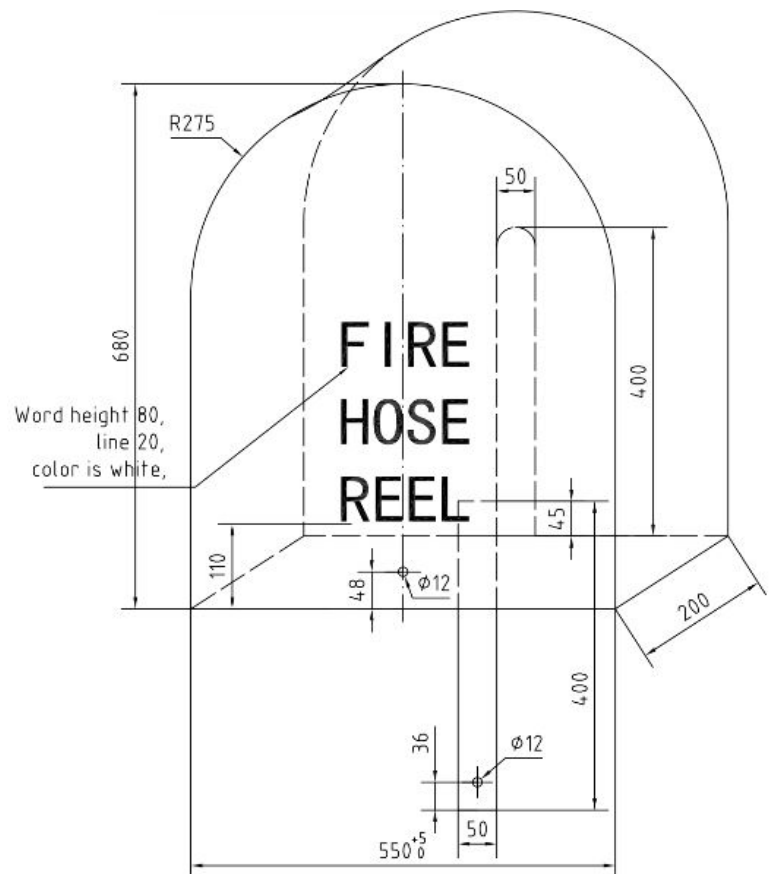


DETAILS

- 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



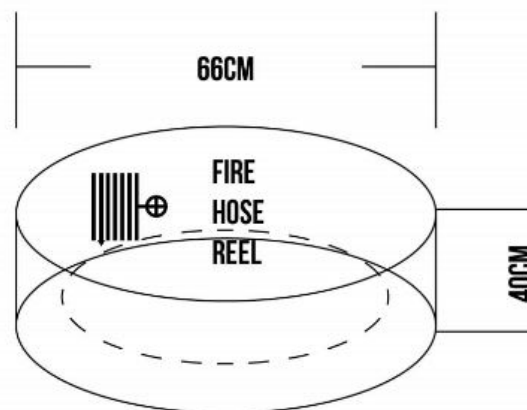
DETAILS

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

HOSE REEL HOOD - SPECIFICATIONS

MATERIAL 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 $\leq 100n$
- 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 |

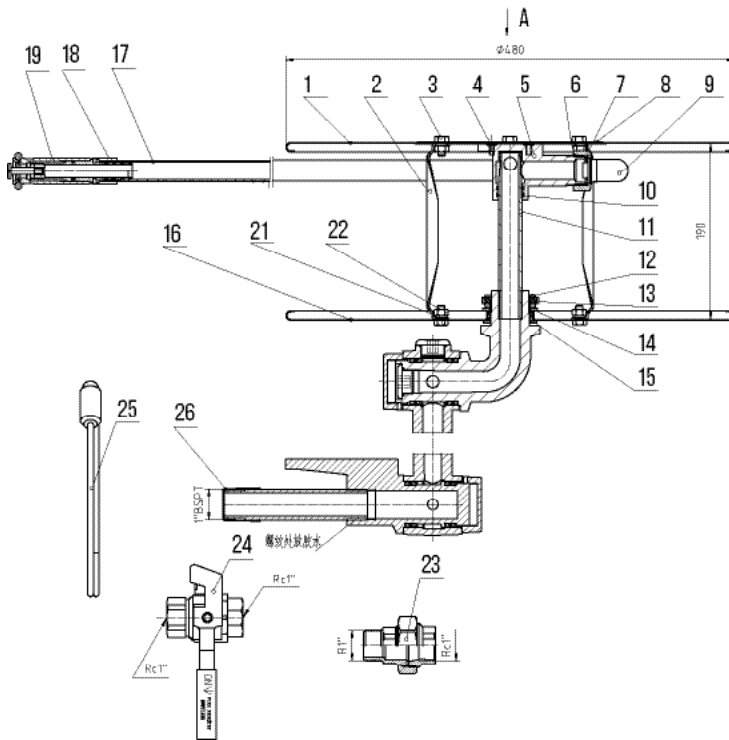
| ITEM | DESCRIPTION |
|----------------------------|----------------------------------|
| MODEL NUMBER | HRB 010 |
| STD HOSE LENGTH & DIAMETER | 36 Metres x 20mm Diameter |
| APPROVALS | AS/NZ 1221 |
| MINIMUM INLET PRESSURE | 220KPa |
| MAXIMUM WORKING PRESSURE | 1200 KPA -test pressure 1800 KPA |
| 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 $\leq 100n$
- 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 |

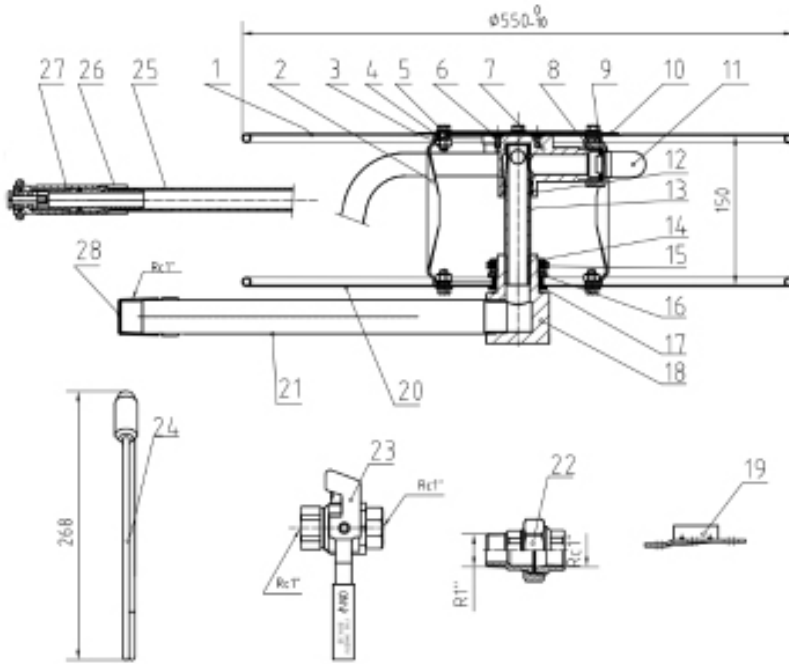
| ITEM | DESCRIPTION |
|----------------------------|----------------------------------|
| MODEL NUMBER | HRB 011 |
| STD HOSE LENGTH & DIAMETER | 36 Metres X 20mm Diameter |
| APPROVALS | AS/NZ 1221 |
| MINIMUM INLET PRESSURE | 220KPa |
| MAXIMUM WORKING PRESSURE | 1200 KPA -test pressure 1300 KPA |
| 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 $\leq 100n$
- 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 |

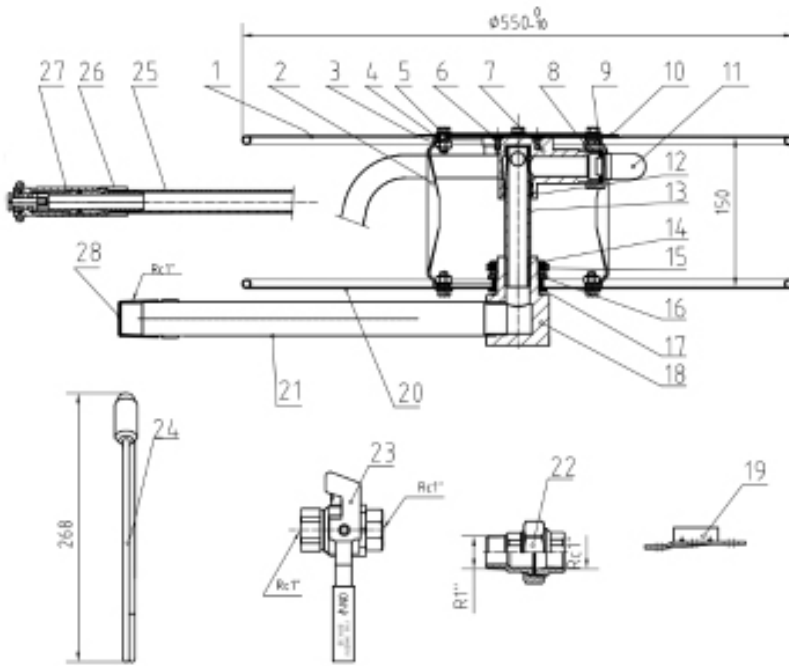
| ITEM | DESCRIPTION |
|----------------------------|----------------------------------|
| MODEL NUMBER | HRB 012 |
| STD HOSE LENGTH & DIAMETER | 36 Metres x 20mm Diameter |
| APPROVALS | AS/NZ 1221 |
| MINIMUM INLET PRESSURE | 220KPa |
| MAXIMUM WORKING PRESSURE | 1200 KPA -test pressure 1800 KPA |
| 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 $\leq 100n$
- 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 |

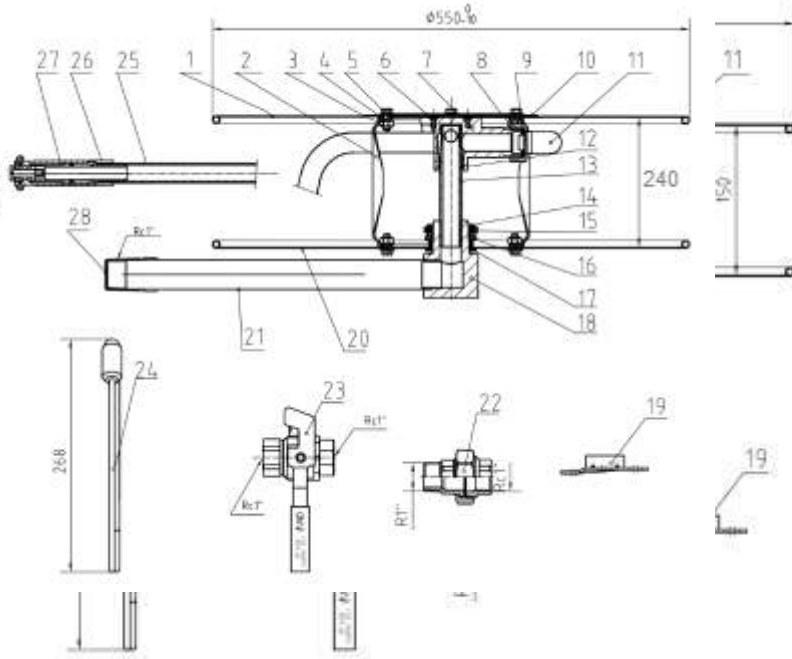
| size | H (mm) | w (mm) | D (mm) | Inlet | Outlet |
|-------------|--------|--------|--------|--------|---------------|
| 25mm x 36mm | 730 | 550 | 250 | 1" BSP | Spray/jet/off |

| 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 |

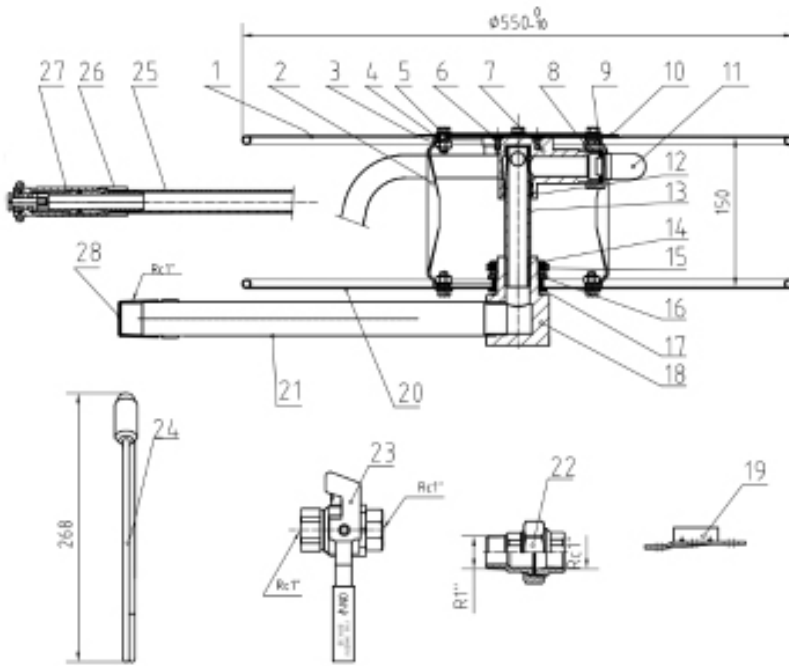
FIS Fixed Fire Hose Reel come with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket



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 |
|------------------------|-----|----------|
| 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



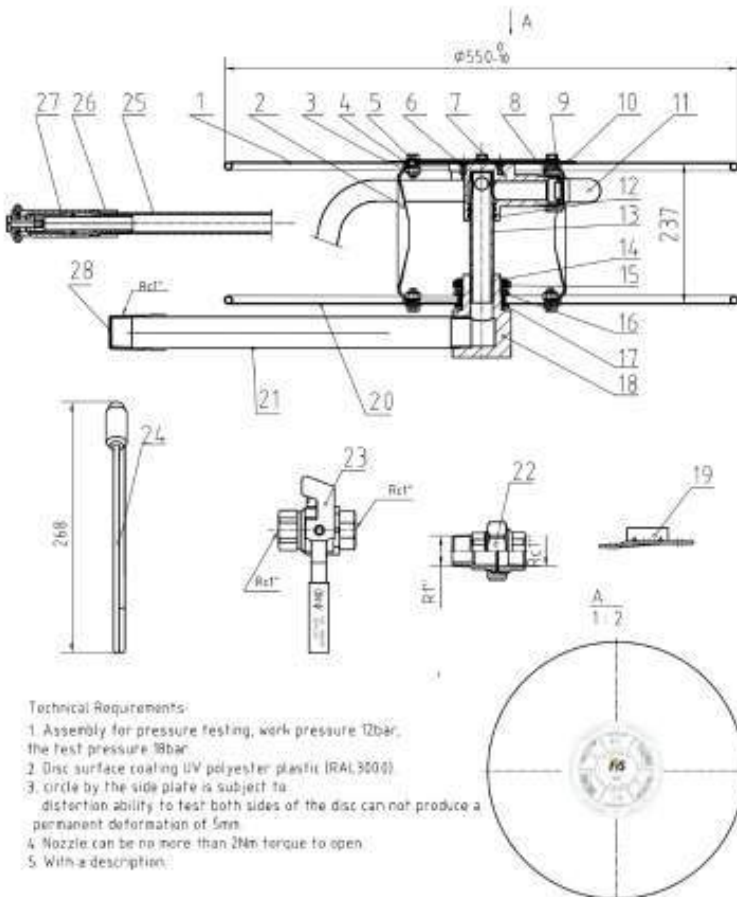
FIXED FIRE HOSE REEL (50M)

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 $\leq 100n$
- FIS Fixed Fire Hose Reel comes with all parts required, including 25mm Ball Valve (including nozzle locking device), Hose Guide and Wall Bracket.

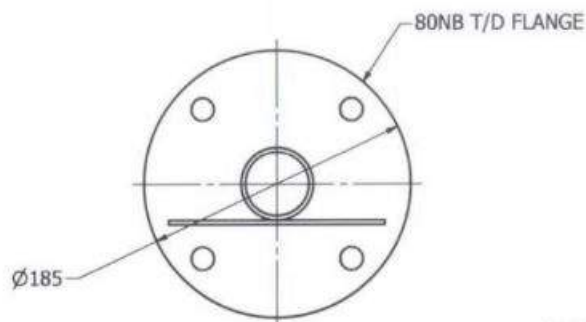
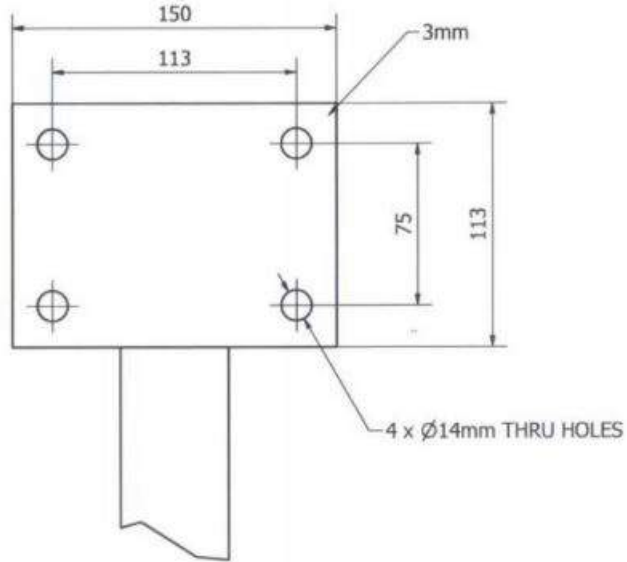
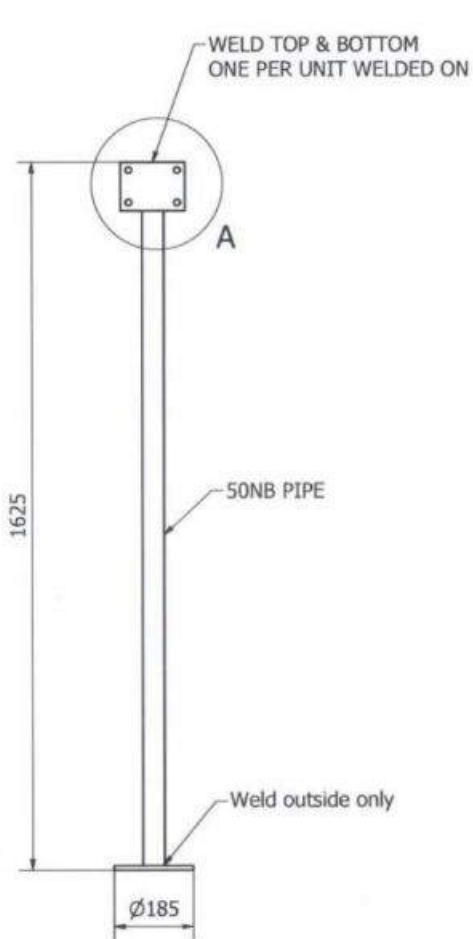
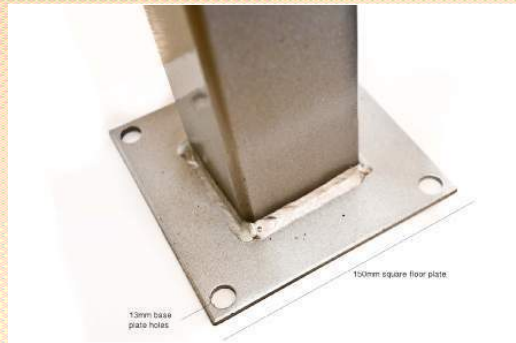


| PART | QTY | MATERIAL |
|------------------------|-----|----------|
| 1 DRUM | 1 | STEEL |
| 2 SUPPORT | 6 | STEEL |
| 3 NUT | 12 | STEEL |
| 4 GASKET | 12 | STEEL |
| 5 SCREW | 12 | STEEL |
| 6 RIVET | 4 | |
| 7 ADAPTER | 1 | AL |
| 8 GLAND NUT | 1 | AL |
| 9 SEAL | 1 | NBR |
| 10 LABEL | 1 | AL |
| 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" x50cm | 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

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



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 | SD(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.

HOL-016 → HOL-207

FIS HOLE SAW



MADE FROM BI-METAL CORBALT HIGH SPEED STEEL

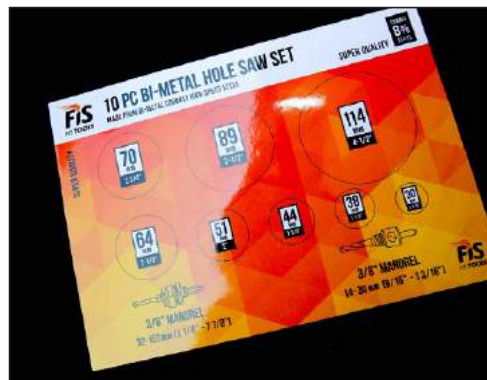
SUPER QUALITY

**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 touch 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) | |



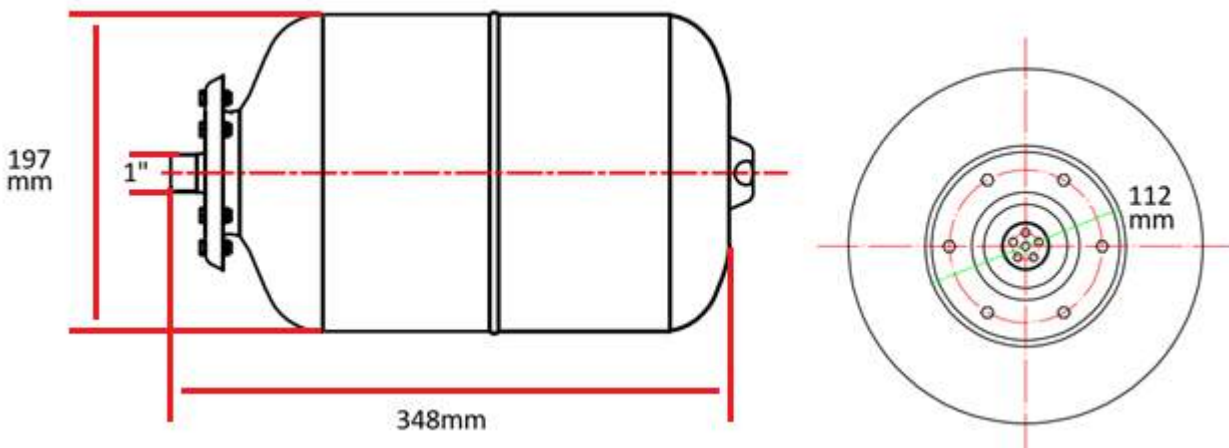
HOL-206 → HOL-209
FIS BLADES

| | | |
|-----------|--|----------------------|
| 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 |



PTR-816
PRESSURE TANK

8 Liter x 16 Bar Pressure tank "Italian" Bladder

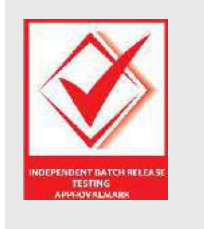


| Model | COLOUR | CAPACITY | MAX BARS | D (mm) | H (mm) | CONNECTOR | VOLUME |
|----------------|--------|----------|----------|--------|--------|-----------|------------|
| PTR-816 | Red | 8 Liter | 16 | 197 | 348 | 1" | 21x21x34cm |

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](#)

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 |

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)



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 |

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: 90C.

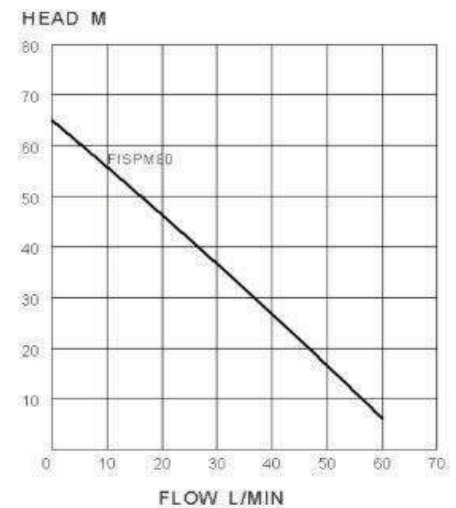
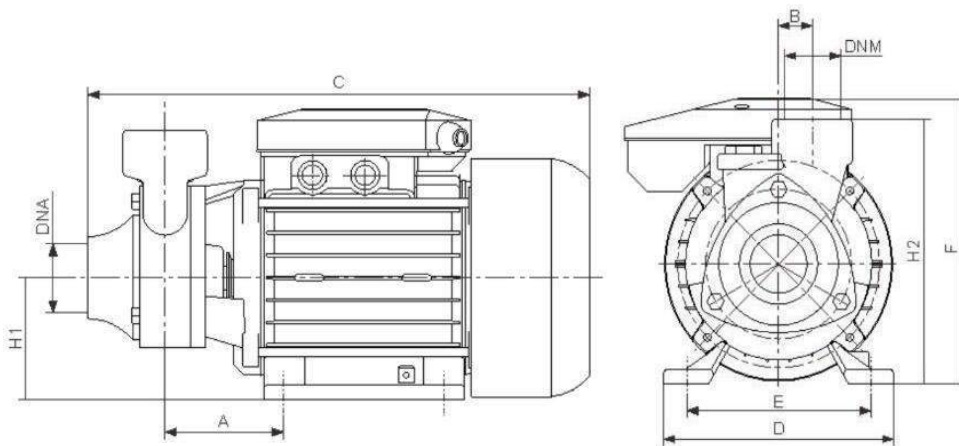
Power rating: single phase 240 voltage with capacitor. Motor

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 |
|---------------|-----------|----------------|--------------|--------|-------|-------|

| | | | | | | | | |
|------------------------|---------|------|---------|-------|---------|---------|--------|---------|
| 2850 min ⁻¹ | kW 0.75 | HP 1 | In4.8 A | IP X4 | C 20 μF | VL450 v | I CL F | 5.2AMPS |
|------------------------|---------|------|---------|-------|---------|---------|--------|---------|



| 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.

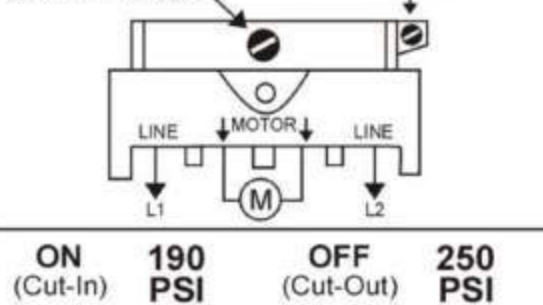


| PRESSURE | MIN ON | MAX OFF | DIFFERENTIAL |
|----------|--------|---------|--------------|
| PSI | 40 | 250 | 28-65 |

| 2 POLERATING | | | | | | |
|--------------|------|------|------|-----|------|------|
| 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 |

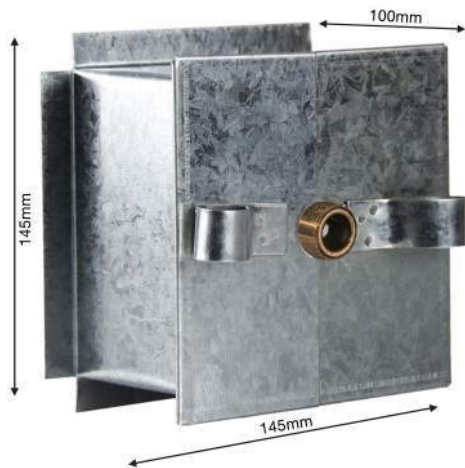
FIRE SPRINKLER DUST BOX

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

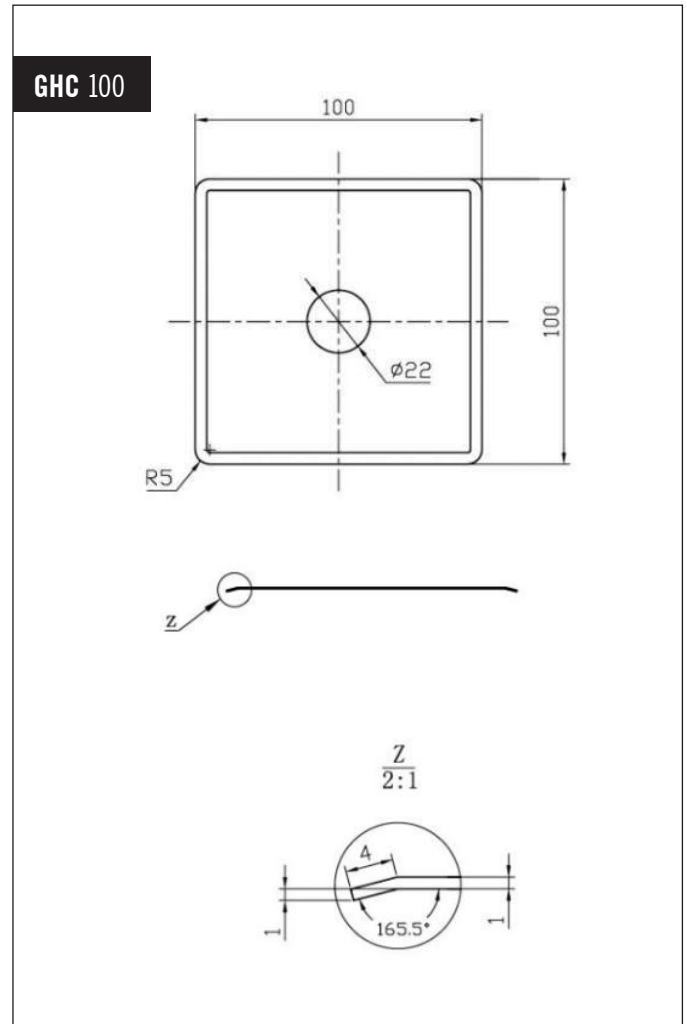
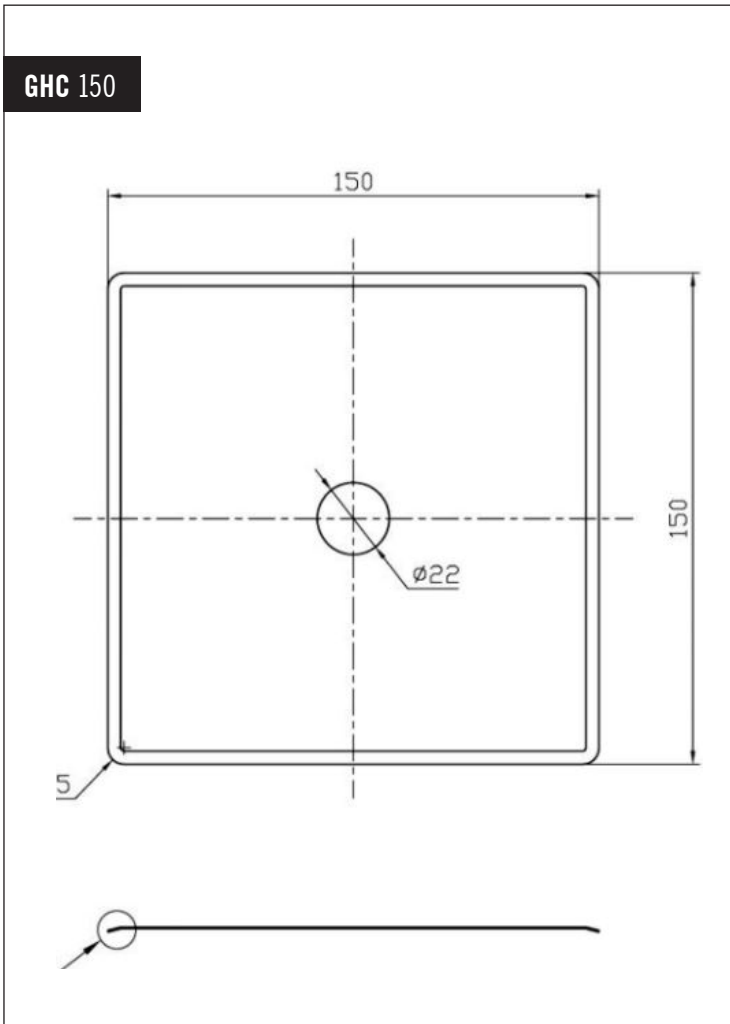
| MODEL | COLOUR | LOCK | WEIGHT | LENGTH - WIDTH - DEPTH |
|---------|-------------------|------|--------|------------------------|
| ESC-002 | Powder Coated Red | 003 | 3.2kg | x310mm - x385mm x150mm |



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
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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 CONTAINED 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 |



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 (FLYG) |
|-----------------|------|----------|------|------------|
| 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 (FLYG) |
|-------------|--------------|--|
| 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.



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 (FLYG) |
|----------------|-----------------|------------|
| 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. |

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 FIBREGLASS - 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 |
|---------------------|------|

4. TRIANGULAR BANDAGE

| | |
|---------------|------|
| 96* 96* 136CM | 1 PC |
|---------------|------|

5. CPR MASK

| | |
|----------|------|
| CPR MASK | 1 PC |
|----------|------|

6. LATEX GLOVES

| | |
|----------------------|---------|
| 12 INCH LATEX GLOVES | 2 PAIRS |
|----------------------|---------|

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