

RIGHT ANGLE LANDING VALVE

DESCRIPTION

Defender landing valves are suitable for installation on wet risers in a building for fire fighting purposes with permanently charged water from a pressurized supply.

The landing valves are oblique type with flanged inlet and are manufactured to comply to BS 5041 Part 1 standard with delivery hose connection and blank cap complying with BS 336:2010 standard.

The landing valves are classified under low pressure and are suitable for use at nominal inlet pressure up to 12 bar.

FEATURES

Body material made of Brass / Cast Iron

Hand wheel material made of grey cast iron to BS EN 1561

Blank cap material made of ABS Plastic

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is BLACK painted and body to RED

Technical Specifications

Model : RALV-F-0001 / RALV-OT-0002

Type : Right Angle Landing Valve Flange / Outer Threaded

Pressure Rating : Low Pressure Valve

Working Pressure : 12 Bar Maximum

Outlet : (2.5") male Instantaneous BS-336

Inlet : 2.5" Flange 150 Class 140 PCD

Finish : Wheel is BLACK and body to RED



RALV-F-0001



RALV-OT-0002

OBLIQUE 45° LANDING VALVE

DESCRIPTION

Defender landing valves are suitable for installation on wet risers in a building for fire fighting purposes with permanently charged water from a pressurized supply.

The landing valves are oblique type with flanged inlet and are manufactured to comply to BS 5041 Part 1 standard with delivery hose connection and blank cap complying with BS 336:2010 standard.

The landing valves are classified under low pressure and are suitable for use at nominal inlet pressure up to 12 bar.

FEATURES

Body material made of Brass / Cast Iron

Hand wheel material made of grey cast iron to BS EN 1561

Blank cap material made of ABS Plastic

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is BLACK painted and body to RED

Technical Specifications

Model : OLV-F-0001 / OLV-OT-0002

Type : Oblique 45 Landing Valve Flange / Outer Threaded

Pressure Rating : Low Pressure Valve

Working Pressure : 12 Bar Maximum

Outlet : (2.5") male Instantaneous BS-336

Inlet : 2.5" Flange 150 Class 140 PCD

Finish : Wheel is BLACK and body to RED



STRAIGHT THROUGH LANDING VALVE

DESCRIPTION

Defender landing valves are suitable for installation on wet risers in a building for fire fighting purposes with permanently charged water from a pressurized supply.

The landing valves are oblique type with flanged inlet and are manufactured to comply to BS 5041 Part 1 standard with delivery hose connection and blank cap complying with BS 336:2010 standard.

The landing valves are classified under low pressure and are suitable for use at nominal inlet pressure up to 12 bar.

FEATURES

Body material made of Brass / Cast Iron

Hand wheel material made of grey cast iron to BS EN 1561

Blank cap material made of ABS Plastic

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is BLACK painted and body to RED

Technical Specifications

Model : STLV-F-01 / STLV-OT-02

Type : Straight Through Landing Valve Flange / Outer Threaded

Pressure Rating : Low Pressure Valve

Working Pressure : 12 Bar Maximum

Outlet : (2.5") male Instantaneous BS-336

Inlet : 2.5" Flange 150 Class 140 PCD

Finish : Wheel is BLACK and body to RED



STLV-OT-02



STLV-F-01

BIB NOSE 45° LANDING VALVE

DESCRIPTION

Defender landing valves are suitable for installation on wet risers in a building for fire fighting purposes with permanently charged water from a pressurized supply.

The landing valves are oblique type with flanged inlet and are manufactured to comply to BS 5041 Part 1 standard with delivery hose connection and blank cap complying with BS 336:2010 standard.

The landing valves are classified under low pressure and are suitable for use at nominal inlet pressure up to 12 bar.

FEATURES

Body material made of Brass / Cast Iron

Hand wheel material made of grey cast iron to BS EN 1561

Blank cap material made of ABS Plastic

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is BLACK painted and body to RED

Technical Specifications

Model : BNLV-F-01 / BNLV-OT-02

Type : Bib Nose 45° Landing Valve Flange / Outer Threaded

Pressure Rating : Low Pressure Valve

Working Pressure : 12 Bar Maximum

Outlet : (2.5") male Instantaneous BS-336

Inlet : 2.5" Flange 150 Class 140 PCD

Finish : Wheel is BLACK and body to RED



BNLV-F-01



BNLV-OT-02

PRESSURE REDUCING BIB NOSE 45° LANDING VALVE

DESCRIPTION

Defender pressure reducing oblique landing valves are suitable for installation on wet risers in buildings for fire fighting purposes, permanently charged with water from a pressurized supply.

These landing valves are pressure reducing type designed to provide a range of outlet pressure (4 bar -12 bar). The Landing valves are classified under high pressure and are suitable for use at nominal inlet pressure up to 20 bar.

FEATURES

Body material made of Brass

Hand wheel material made of grey cast iron to BS EN 1561

Blank cap material made of ABS Plastic

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is BLACK painted and body to RED

Technical Specifications

Model : BNPRLV-01

Type : Bib Nose 45° Pressure Reducing Landing Valve Flange

Pressure Rating : High Pressure Valve

Working Pressure : 18 Bar Maximum

Outlet : (2.5") male Instantaneous BS-336

Inlet : 2.5" Flange 150 Class 140 PCD

Min. valve Pressure Regulating : 4 – 12 Bar

Finish : Wheel is BLACK and body to RED



BNPRLV-F-01



RIGHT ANGLE LANDING VALVE WITH STORZ COUPLING



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DESCRIPTION

Defender landing valves are suitable for installation on wet risers in a building for fire fighting purposes with permanently charged water from a pressurized supply.

The landing valves are oblique type with flanged inlet and are manufactured to comply to BS 5041 Part 1 standard with delivery hose connection and blank cap complying with BS 336:2010 standard.

The landing valves are classified under low pressure and are suitable for use at nominal inlet pressure up to 12 bar.

FEATURES

Body material made of Brass / Cast Iron

Hand wheel material made of grey cast iron to BS EN 1561

Blank cap material made of ABS Plastic

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is BLACK painted and body to RED

Technical Specifications

Model : RALV-F-0001 / RALV-OT-0002

Type : Right Angle Landing Valve Female Threaded with Storz coupling

Pressure Rating : Low Pressure Valve

Working Pressure : 12 Bar Maximum

Outlet : (2.5") male Instantaneous BS-336

Inlet : 2.5" Flange 150 Class 140 PCD

Finish : Wheel is BLACK and body to RED





HOSE REEL VALVE



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DESCRIPTION

Defender Hose Reel Valve is usually installed where unauthorized operation has to be avoided. A typical application of this valve is installing these at inlet pipe to the hose reel where it can be opened only by key and key kept by maintenance or fire safety department.

FEATURES

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

Technical Specifications

Model : HRV-01
Type : Fire Hose Reel Valve
Pressure Rating : 10 Bar
Size : 1"
Connecting : 1" BSPT / Male /Female Threaded





LOCK SHIELD VALVE



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DESCRIPTION

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

FEATURES

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

Technical Specifications

Model : LSV-01
Type : Lock Shield Valve
Pressure Rating : PN 20
Size : 1"
Connecting : 1" BSPT Female Threaded



BNPRV-F-01

RIGHT ANGLE HOSE VALVE



DESCRIPTION

The Angle hose valve is manufactured as per NFPA 13 and most suitable for fire protection service outlet or with a hose rack assembly.

FEATURES

Body material made of Brass

Hand wheel material made of Aluminum

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is Red painted and body chrome

Technical Specifications

Model : RAHV-01

Type : Right Angle Hose Valve Inner Threaded 1.5" and 2.5"

Pressure Rating : 220 PSI

Working Pressure : 12 Bar Maximum

Outlet : (1.5" and 2.5") female threaded type

Inlet : (1.5" and 2.5") female threaded type

Min. valve Pressure Regulating : 4 – 12 Bar

Finish : Wheel is BLACK and body bright chrome plated

RAHV-01



OBLIQUE 45° LANDING VALVE

DESCRIPTION

Defender landing valves are suitable for installation on wet risers in a building for fire fighting purposes with permanently charged water from a pressurized supply.

The landing valves are oblique type with flanged inlet and are manufactured to comply to BS 5041 Part 1 standard with delivery hose connection and blank cap complying with BS 336:2010 standard.

The landing valves are classified under low pressure and are suitable for use at nominal inlet pressure up to 12 bar.

FEATURES

Body material made of Brass / Cast Iron

Hand wheel material made of Aluminum

Blank cap material made of ABS Plastic

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is BLACK painted and body to RED

Technical Specifications

Model : OLV-F-0001 / OLV-OT-0002

Type : Oblique 45 Landing Valve Flange / Outer Threaded

Pressure Rating : Low Pressure Valve

Working Pressure : 12 Bar Maximum

Outlet : (2") female Instantaneous BS-336

Inlet : 2" Flange 120 PCD / 2" male threaded

Finish : Wheel is BLACK and body to RED



OLV-OT-0002



OLV-F-0001



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2-WAY INDIVIDUAL CONTROL LANDING VALVE



DESCRIPTION

Defender landing valves are suitable for installation on wet risers for fire fighting purposes with permanently charged water from a pressurized supply.

The landing valves are Straight Through type with flanged inlet and delivery hose connection and blank cap complying with BS 336:2010 standard.

The landing valves are classified under low pressure and are suitable for use at nominal inlet pressure up to 12 bar.

FEATURES

Body material Cast Iron and Coupling in Brass material.

Hand wheel material made of grey cast iron to BS EN 1561

Blank cap material made of ABS Plastic

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is BLACK painted and body to RED

Technical Specifications

Model : 2-Way-ICLV-01

Type : Right Angle Landing Valve Flange

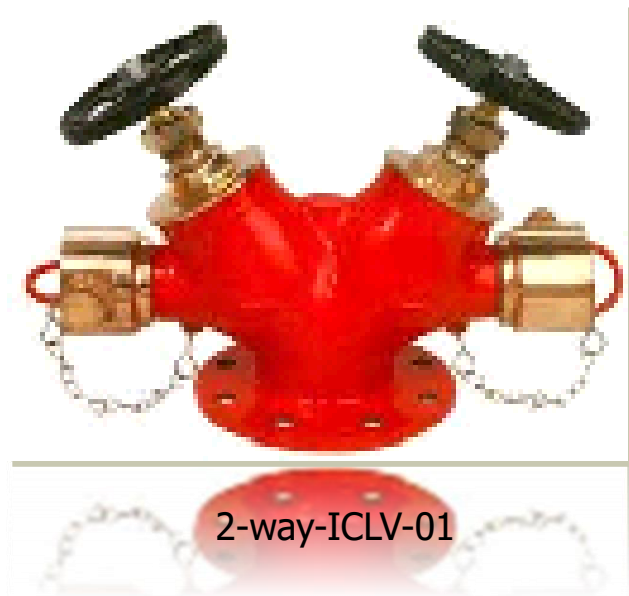
Pressure Rating : Low Pressure Valve

Working Pressure : 12 Bar Maximum

Outlet : Brass (2.5") male Instantaneous BS-336

Inlet : 4" Flange 150 Class 190 PCD

Finish : Wheel is BLACK and body to RED



SINGLE WAY UNDER GROUND VALVE

DESCRIPTION

The underground fire hydrant is suitable for use with water and natural liquids, to a maximum temperature of 70°C. The underground valve are classified under low pressure and are suitable for use at nominal inlet pressure up to 12 bar.

FEATURES

- Body material Cast Iron and Coupling in Brass material.
- Hand wheel material made of grey cast iron to BS EN 1561
- Blank cap material made of Rubber
- Possible to replace the gland seal when under pressure with the valve fully closed
- Disc facing rubber is of replaceable type
- The hand wheel is BLACK painted and body to RED POWDER COATING COLOR

Technical Specifications

- Model : Single Way Underground Valve
- Type : Underground Valve Flange Type
- Pressure Rating : Low Pressure Valve
- Working Pressure : 12 Bar Maximum
- Outlet : Brass (2.5") London round thread outlet to BS 750.
- Inlet : 3" Flange 150 Class 152 PCD
- Finish : Wheel is BLACK and body to RED



Single / Double Standpipe



SWUGV-01



2-WAY 4 INCH BS STANDARD WET BARREL PILLAR HYDRANT



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DESCRIPTION

Pillar Hydrant are used for the extinguishing medium from one feed line over several hose lines,. Each hose line can be shut-off individually by means of landing valve..

FEATURES

- Body material made of Cast Iron
- Landing Valve of Brass material
- Hand wheel material made of Aluminum
- Blank cap material made of ABS Plastic
- Possible to replace the gland seal when under pressure with the valve fully closed
- Disc facing rubber is of replaceable type
- The hand wheel is BLACK painted and body to RED

TECHNICAL SPECIFICATIONS

- Model : 2-Way Pillar Hydrant
- Type : Pillar Hydrant
- Test Pressure : 25 Bar
- Working Pressure : 15 Bar Maximum
- Outlet : 2.5" Brass landing valve female Instantaneous BS-336
- Inlet : 4" 150 Class Flange 190 PCD
- Finish : Red color





3-WAY 6 INCH BS STANDARD WET BARREL PILLAR HYDRANT



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DESCRIPTION

Pillar Hydrant are used for the extinguishing medium from one feed line over several hose lines,. Each hose line can be shut-off individually by means of landing valve..

FEATURES

- Body material made of Cast Iron
- Landing Valve of Brass material
- Hand wheel material made of Aluminum
- Blank cap material made of ABS Plastic
- Possible to replace the gland seal when under pressure with the valve fully closed
- Disc facing rubber is of replaceable type
- The hand wheel is BLACK painted and body to RED

TECHNICAL SPECIFICATIONS

- Model : 3-Way Pillar Hydrant
- Type : Pillar Hydrant
- Test Pressure : 25 Bar
- Working Pressure : 15 Bar Maximum
- Outlet : 2.5" Brass landing valve female Instantaneous BS-336
- Inlet : 6" 150 Class Flange 240 PCD
- Finish : Red color



INDIVIDUAL HAND CONTROL DIVIDING BREECHING

DESCRIPTION

Defender Dividers are used for distributing the extinguishing medium from one feed line over several hose lines, or in special cases for collecting it in the reverse direction. Each hose line can be shut-off individually by means of a stop valve. The stop valve of the dividers must be according to DIN 14365 easily operated in the usual flow direction at 12 bar and in the opposite direction at 6 bar.

Dividers with screw down valves, British standard BS 336 connection, inlet instantaneous male, outlet female.

Dividers are also available with Ball valve operation for less friction loss.

Nominal bore of dividers are available in different dia maters to allow for the variation sizes for fire hose used by Fire Services.

FEATURES

Body material made of Cast Iron

Hand wheel material made of Aluminum

Blank cap material made of ABS Plastic

Possible to replace the gland seal when under pressure with the valve fully closed

Disc facing rubber is of replaceable type

Valves are provided with a strap and pad lock so that the hand wheel can be secured to counter unauthorized use

The hand wheel is BLACK painted and body to RED

Technical Specifications

Model : IHADB-2way / IHADB-3way

Type : Dividing Breeching

Pressure Rating : Low Pressure Valve

Working Pressure : 10 Bar Maximum

Outlet : 2.5" female Instantaneous BS-336 Aluminum

Inlet : 2.5" male Instantaneous BS-336 Brass

Finish : Wheel is BLACK and body to RED



IHADB-2way



IHADB-3way



DIVIDING BREECHING

Individual Hand Control



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The Defender series of Individual Control Dividing Breeching Inlet
There are two basic models with nominal 2-way and 3-way.

Specification

Cast Iron Body / Brass Material Body.
Aluminum coupling / Brass Material male female coupling.



Defender/FFE/DB/0001--2.5"



COLLECTING BREECHING

Individual Hand Control / Manual



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The Defender series of Collecting Breeching Inlet

There are two basic models with nominal 2-way

Two or Multiple Hose Lines merged into Single Water Supply Line for Higher and effective Water delivery

Standard version without Control arrangement

Controlled version are available with Spring loaded Non Return Valve, Ball Valve or Screw Down type valve for each dividing line

Swivel Connection available on Request

Specification

Cast Iron Body / Brass Material Body.

Aluminum coupling / Brass Material male female coupling.

Technical Specifications

Model : CB-2way

Type : Collecting Breeching

Pressure Rating : Low Pressure Valve

Working Pressure : 15 Bar Maximum

Outlet : 4" female Coupling

Inlet : 2.5" male Instantaneous BS-336 Brass

Finish : body to RED

