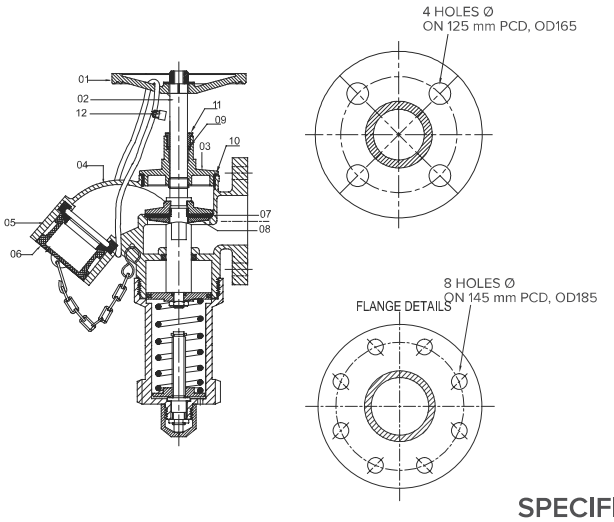
PRESSURE REDUCING LANDING VALVE

PRODUCT DESCRIPTION

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

- BSI Kitemark approved.
- Body material made of copper alloy to EN 1982.
- Hand wheel material made of grey cast iron to BS EN 1561.
- Blank cap material made of copper alloy to EN 1982.
- Possible to replace the gland seal when under pressure with the valve fully closed.
- Disc facing rubber are 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 is painted black and the body is painted red.

SPECIFICATIONS

Model Number	SD-PRLVF-50	SD-PRLVF-65
Valve Type	Oblique, Pressure Reducing, Flanged Inlet	
Pressure Rating	High Pressure Valve	
Nominal Size	DN50	DN50
Working Pressure	20 Bar Maximum	
Test Pressure	Valve Seat Test at 22 Bar • Body Test at 30 Bar	
Flange Drilling	BS4504 Part: 2 :1974Table : 16/21	
Min. Water Flow Rate	8.5 L/S @ 4 Bar Outlet Pressure	
Min. Valve Pressure Regulating	4-12 Bar	

BILL OF MATERIAL

Sl.No.	Description	Material
1	Handwheel	Grey Cast Iron to BS EN 1561
2	Stem	Copper Alloy to BS EN 12164
3	Bonnet	Copper Alloy to EN 1982
4	Body	Copper Alloy to EN 1982
5	Female Inst. Outlet	Copper Alloy to EN 1982
6	Blank Cap	Copper Alloy to EN 1982
7	Renewable Disk Facing	Rubber to BS 1154
8	Washer	Rubber to BS 1154
9	Gland Seal	Rubber to BS 1154
10	Bonnet Seal	Teflon
11	Gland	Copper Alloy to EN 1982
12	Strap with Pad Lock	Strap-Leather (12mm Wide, 2mm Thick) LOCK-Non-Ferrous