

# PRESSURE REDUCING VALVE, FLANGED INLET



## PRODUCT DESCRIPTION

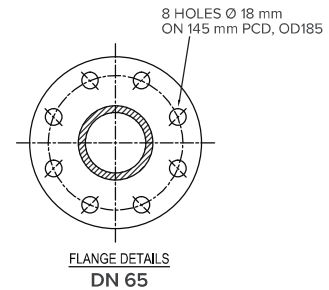
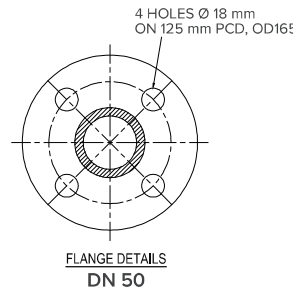
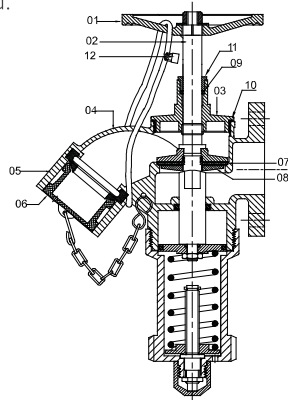
NAFFCO pressure reducing oblique landing valves are suitable for installation on wet risers in buildings for fire fighting purposes, permanently charged with water from a pressurised supply.

These landing valves are pressure reducing type designed to provide a range of outlet pressure (4 bar - 7 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	NWR 120	NWR 122
Valve Type	Oblique, Pressure Reducing, Flanged Inlet	
Pressure Rating	High Pressure Valve	
Inlet Flange Size	DN50	DN65
Working Pressure	20 bar Maximum	
Test Pressure	Valve Seat Test at 22 bar • Body Test at 30 bar	
Flange Drilling	BS4504 part 2: 1974 Table: 16/21	BS4504 part 2: 1974 Table: 25/21
Min. Water Flow Rate	8.5 L/S @ 4.5 bar Outlet Pressure	
Min. Valve Pressure Regulating	4 - 7 bar	

## BILL OF MATERIAL

Sl.No.	Description	Material
1	Handwheel	Grey Cast Iron to BS EN1561
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 (12 mm Wide, 2 mm Thick) LOCK-Non-Ferrous