

PRV High Pressure Regulating Landing Valve for Wet Riser Systems

DH6I

Technical Features

- **Nominal Size (Full Bore)** : 65 mm
- **Maximum Working Pressure** : 21 bar at 0-38°C
- **Inlet Pressure** : 10 bar to 20 bar
- **Body Test Pressure**: 31 bar
- **Seat Test Pressure**: 23 bar
- **Outlet Flowrate**: 750LPM at 8 bar
- **Weight**: 13.5 kg.
- **Inlets** : Flanged to EN1092-1:2007 , PN16/25/40 - 8 Bolt hole as per detail below.
- **Outlets** : Instantaneous Female (BS 336)
- **Specifications** : Fully compliant with BS 9990 (BS 5306 and BS 5041), i.e supplying a running pressure of 8 Bar from a 20 bar inlet pressure with a flow rate of 750 l/m.
- **Part Number** : DH6I

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Parts & Materials List

Item	Description	Material
1	Lock Nut	GI
2	Handwheel	Cast Iron
3	Shut Down Spindle	Gunmetal
4	Gland Nut	Gunmetal
5	Bonnet	Gunmetal
6	Valve Body	Gunmetal
7	Plunger Release Lug	Gunmetal
8	Male Blank Cap	Plastic
9	S-Hook & Chain	-
10	Adjusting Cap	Gunmetal

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Adjustment Instructions

The DH6I PRV is factory set with a running pressure of 8bar. If on-site adjustment is needed then the following steps should be followed:

1. Unlock the PRV cap (10) using an M6 Allen key
2. Flush the PRV until the water runs clear as impurities may affect the operation
3. Attach a cap or other closed end fitting to the valve outlet. In order to release trapped air it is recommended to use a 3-way gauge valve
4. Open the handwheel (2) fully and vent any air with the gauge valve
5. Increase the pressure by turning the cap (10) clockwise, reduce by turning anti-clockwise
6. Using the Allen key, lock the cap once the desired pressure is set
7. Close the handwheel fully
8. Release trapped pressure using the gauge valve and disconnect the gauge assembly. Do not remove the gauge assembly whilst under pressure
9. If required, lock the PRV using a leather strap and padlock

