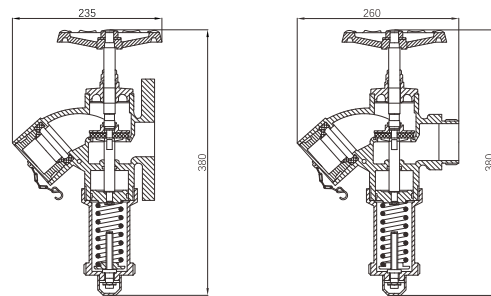


Bib-nosed high pressure wet landing valve (PRV)

Bib-nosed high pressure wet landing valve (PRV) from TPMC is designed with an integral pressure reducing valve to lower inlet pressure and maintain a constant reduced outlet pressure. This field-adjustable design protects downstream equipment, and ensures reliable firefighting supply in high-rise wet riser systems.



- Certificate: BSI / LPCB / FM Approved
- Standard: BS 5041-1, BS 5154 globe type
- Connection: Flanged to EN 1092-3, or screwed to ISO 7-1
- Temperature: 0°C to 38°C
- Test: Body 30 bar / seat 22 bar
- Surface: Red powder coating (RAL 3000)



Main parts and material

DN 65 size

Body / bonnet / disk	Copper alloy, LG2 or CZ122	Pressure regulating spring	Chrome vanadium spring steel to BS970, 735A50
Blank cap	Copper alloy to EN 1982, with chain	Handwheel	Grey cast iron to BS 1452

Available size (Source 1 with BSI/LPCB)

Size	Type	Inlet	Outlet	Working pressure (bar)	Ref. No.
DN 50	Bib-nosed	Flanged DN 50, PN 25	2.5" BS336	20	FE1401 (BSI/LPCB)
DN 65	Bib-nosed	Flanged DN 65, PN 25	2.5" BS336	20	FE1402 (BSI/LPCB)
DN 65	Bib-nosed	2.5" BSPT, M	2.5" BS336	20	FE1403 (BSI/LPCB)

Note:

1. Inlet pressure range: 5.7 – 20 bar.
2. Outlet pressure regulation: 0 – 12 bar.
3. Outlet static pressure is factory-preset at 7.0 bar (100 psi).
4. LPCB certified (Cert No. 1153Le) in TPMC models F29-50, F29-65, and F30-65T.

Bib-nosed high pressure wet landing valve (PRV)

Available size (Source 2 with FM)

Size	Type	Inlet	Outlet	Working pressure (bar)	Ref. No.
DN 80	Bib-nosed	Flanged DN 80, PN 16	2.5" BS336 / BSP / NH	16	FE1421 (FM)
DN 80	Bib-nosed	Flanged 3", Class 150	2.5" BS336 / BSP / NH	16	FE1422 (FM)
DN 65	Bib-nosed	2.5" BSPT, M	2.5" BS336 / BSP / NH	16	FE1423 (FM)

Note:

1. Inlet pressure range: 4.8 – 20.7 bar.
2. Outlet pressure regulation: 3.5 – 9 bar.
3. Outlet static pressure is factory-preset at 7.0 bar (100 psi).