



BAILEY BIRKETT SAFETY RELIEF VALVES

1B1BE111B

HIGH PRESSURE SAFETY RELIEF VALVE



Part No. 1B1BE111B

HIGH PRESSURE FULL NOZZLE SAFETY RELIEF VALVE

The 1B1BE111B has a carbon steel body with stainless steel nozzle and valve assembly.

Its full nozzle, full lift design with direct spring loaded guide eliminates distortion of the seat surface whilst maintaining the highest possible capacity.

The materials of construction enable the valve to be used in many areas, including protection of sealed pipeline systems where fluid has to be relieved during periods of rising temperatures.

When the valve is in the closed position, the fluid does not make contact with the valve body, and the body is therefore only subject to the outlet pressure which is very much lower than the inlet pressure.

The inlet and outlet connections are screwed and a pressure tight screw on dome prevents leakage through the pressure adjustment assembly.

Valves are certificated prior to despatch to confirm traceable serial number and set pressure.

| SIZE | A | B | C | D | E |
|------|--------|--------|-----|----|----|
| DN15 | ½" BSP | 1" BSP | 216 | 43 | 62 |

Features & Benefits

- Certified to ASME Section VIII Division 1.
- Valve disc is freely pivoted to ensure correct alignment with nozzle.
- Suitable for use on gas or liquids.

Pressure & Temperature

Pressure range:-

0.3 to 138 bar.

Temperature Range:-

-100°C to 350°C.

When ordering, the following information is necessary to ensure that the correct size and type of valve is selected.

1. Service.
2. Application.
3. System working pressure.
4. Set pressure.
5. Maximum Capacity
6. Inlet connection.

THIS PRODUCT IS STOCKED UNSET & CAN BE SET TO YOUR EXACT REQUIREMENTS