

Type VRCD Compact Direct Acting Relief Valve



- Pressures up to 1380 bar (20,000psi)
- Seal options to cover a wide range of process fluids
- 316 stainless steel construction
- Compact dimensions

The VRCD compact direct acting pressure relief valve has been designed to provide pressure control in at pressures up to 1380 bar (20,000 psi) in a compact package.

A number of seal material are available, making the valve compatible with a wide range of process fluids.

The valve feature all stainless steel construction for use in harsh environments.

Working temperature

Nitrile: -20°C to +80°C.

(other materials refer to Marshalsea technical department)

Part Numbering System

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| VRCD = Relief Valve - Compact Direct Acting | Product Code |
| SS = 316 Stainless Steel (NACE Compliant- Inlet Side Only) | Body Material |
| 0000 = Maximum working pressure (bar) 0345 = 35 - 345 bar 0800 = 330 - 800 bar 1380 = 745 - 1380 bar | Maximum Working Pressure |
| 000 = Orifice size in millimetres plus one decimal place 025 = 2.5mm Orifice (345 bar) 020 = 2.0mm Orifice (800 bar) 017 = 1.7mm Orifice (1380 bar) | Orifice Size Ports |
| B14F = 1/4" BSP Female M38F = 3/8" MP Tube Female Other options available on request | Inlet Connection |
| B14F = 1/4" BSP Female Other options available on request | Outlet Connection |
| N = Nitrile seals -20°C to +80°C V = Viton seals -10°C to +80°C Other options available on request | Seal Material |
| S = Stainless Steel | Seat Material |
| 0800 = 800 bar Set pressure | Set Pressure (Optional) |
| VRCD - NS - 0800 - 035 - M38F - B14F - N - S - 0700 | Ordering Example |

Dimensions

