

MINI DUAL CHECK VALVES

LOW HAZARD RATING

Backflow



PRODUCT CODES

7185	15mm Mini Dual Check Valve M x M
7185.2	15mm Mini Dual Check Valve Chrome M x M
7186	15mm Mini Dual Check Valve M x F
7186.2	15mm Mini Dual Check Valve Chrome M x F
7179	20mm Dual Check Valve M x F to suit 1/2" hose taps
7179.2	20mm Dual Check Valve M x F to suit 1/2" hose taps Chrome

DESCRIPTION

The Ryemetal Mini Dual Check Valves are designed to prevent cross connections of non potable water into safe drinking water systems. It is a compact and economical device that is easy to install both horizontally and vertically. The device comprises two independently acting, internally loaded check valves in series.

SPECIFICATION STATEMENT

Ryemetal Mini Dual Check Valves shall be installed to AS 3500-1. The backflow prevention device shall be manufactured to AS 2845-1. The dual check valve shall consist of two independent internally loaded checks and be suitable for vertical or horizontal installation in low hazard applications.

OPERATION

Each of the two spring loaded check valves remains tightly closed until there is a demand for water down stream. If the back pressure increases above the supply pressure, there is a reverse direction of flow, the check valves close and backflow is prevented. If the second check valve is prevented from closing tightly, the first check valve will still provide protection against backflow but there is no visible flow.

FEATURES

- Protects against back pressure and backsiphonage
- Suitable for low hazard applications
- Compact and lightweight
- Corrosion resistant
- Independently operating check valves
- Maximum working pressure of 1200 kPa
- Operating temperature range of 1°C to 60°C
- Suitable for vertical and horizontal installations
- Choice of brass or chrome plated finish
- Approved to AS 2845-1

APPLICATION

The Ryemetal Mini Dual Check Valves provide protection to the potable water supply from contamination in low hazard applications such as water filters and laboratory sinks.

MINI DUAL CHECK VALVES

MATERIALS

Body and covers DR Brass

Springs Stainless steel

TECHNICAL DATA

7185 Inlet Male BSP
Outlet Male BSP

7186 Inlet Female BSP
Outlet Male BSP

7179 Inlet Female BSP
Outlet Male BSP

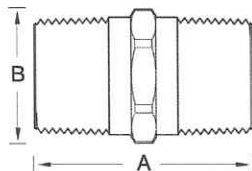
Minimum working pressure 220 kPa

Maximum working pressure 1200 kPa

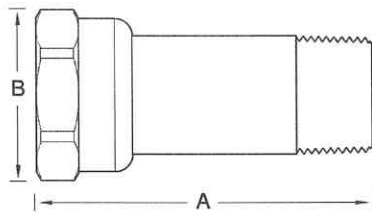
Maximum temperature 60°C

DIMENSIONS AND FLOW RATES

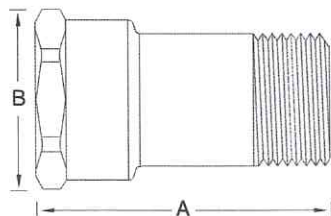
7185



7186



7179



VALVE	7185	7186	7179
A. Length	41mm	56mm	59mm
B. Height	22mm	25mm	32mm
Rated Flow	0.15l/s	0.15l/s	0.32l/s
Max. Pressure Loss	50kPa	50kPa	50kPa

* Dimensions may be changed without notice