

Pressure Limiting Valve with Dual Check

Scope of Use / Specification Sheet

RMC's Pressure Limiting Valve with Dual Check provides both backflow prevention and pressure limiting functions through independently acting mechanisms within a single device. The valves are designed to be installed in the water supply pipework, immediately upstream of domestic water filter units.



PVDC503

Product Code

Model	Set Pressure	Product Code
PVDC50	350kPa	PVDC503
PVDC50	500kPa	PVDC504

Materials

Body	DZR Brass
Spring	Stainless Steel
O-rings	EPDM/Nitrile
Seals	HDPE
Check Valve	Neoperl
Internal Components	DZR Brass/Acetal

Features and Benefits

- Integrated design, reduces the need for additional flow and pressure limiting devices
- Suitable for horizontal and vertical installation
- Individually tested
- Quality by design
- Dezincification resistant brass and high quality polymers used

Application

RMC's Pressure Limiting Valves are a female / female configuration and designed for residential containment control and other low hazard applications (refer to AS/NZS 3500-1).

Pressure Limiting Valve with Backflow Prevention

Accessories

Maximum Temperature	40°C	
Maximum Inlet Pressure	1200kPa	
Outlet Pressure	PVDC503	350kPa at 1200kPa Inlet Pressure
	PVDC504	500kPa at 1200kPa Inlet Pressure
Flow Rate	6 L/min at 700kPa Inlet Pressure	
Inlet (Tap) Connection	15mm G½ Female	
Outlet (Hose) Connection	8mm ¼-18 NPT Female	

Warranty

Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture within the warranty period. You may contact RWC at the phone number, address or e-mail shown below for further information or to make a claim.

Visit www.rmc.com.au/warranty to view the warranty statement in full and for further important information.

Standards and Approvals



AS 13572
WMKA 0938
SAI GLOBAL

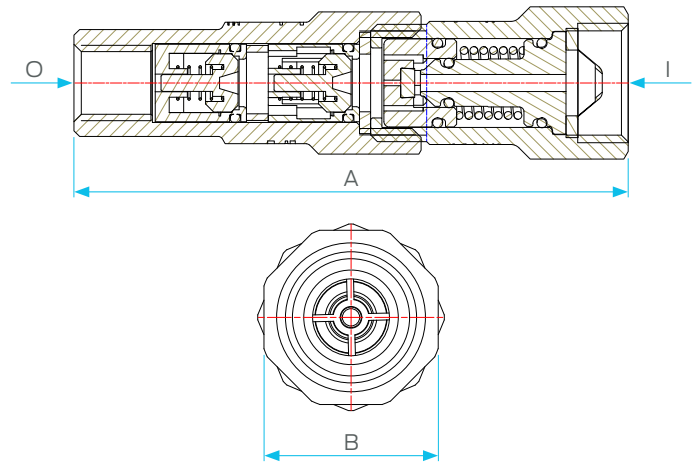


AS 2845.1
WMKA 1325
SAI GLOBAL

Dimensions

Model	A	B	I	O
PVDC503	99	25	G½	¼-18 NPT
PVDC504	99	25	G½	¼-18 NPT

Note: All measurements in mm unless otherwise stated.



Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500.1.