

Pressure Limiting Valve

The Pressure Limiting Valve regulates inlet supply line pressure to a preset maximum, preventing over-pressure situations.



RYEPSL512

PRODUCT CODE

	350kPa	500kPa	600kPa
PSL50	RYEPSL511	RYEPSL512	RYEPSL513
PSL50-C	RYEPSLC511	RYEPSLC512	RYEPSLC513
PSL75	RYEPSL714	RYEPSL715	RYEPSL716
PSL75-C	RYEPSL721	RYEPSL722	RYEPSL723

MATERIALS

Body	DZR brass
Internal parts	DZR brass and stainless steel
O-Rings/Seal	Viton™/NBR
Spring	Stainless steel
Piston	Polysulfone

DESCRIPTION

The Pressure Limiting Valve is ideal for installation with high pressure storage water heaters, water meter assemblies, water softeners etc.

The valve is an inline barrel design. It remains open if the pressure in the supply line falls below the maximum preset pressure.

FEATURES AND BENEFITS

- High pressure and temperature tolerances.
- Suitable for a wide variety of pressure limiting applications.
- Stainless steel seat.
- Extended service life.
- Dezincification resistant.
- Meets Australian Standard for potable water supply.
- Suitable for horizontal or vertical installation.
- Valve designed to work effectively in either orientation.
- Available in fixed outlet pressure settings of 350kPa, 500kPa and 600kPa.

TECHNICAL SPECIFICATIONS

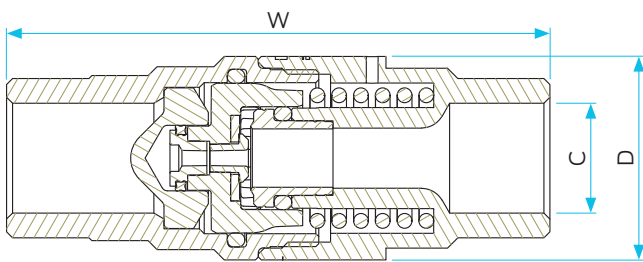
	15mm	20mm
Maximum supply pressure	2000kPa	2000kPa
Maximum supply temperature	80°C	80°C
Minimum flow rate	4L/min	4L/min
Maximum flow rate	50L/min	60L/min
Set outlet pressure	350kPa, 500kPa, 600kPa	350kPa, 500kPa, 600kPa
Fluid medium	Water	Water

Pressure Limiting Valve

DIMENSIONS

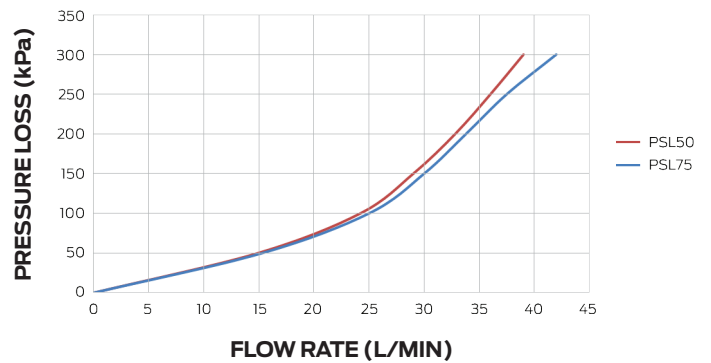
Size	Width (W)	Diameter (D)	Connection (C)
PSL50	92	Ø 34.5	Rp 1/2"
PSL50-C	115	Ø 34.5	DN15Cn
PSL75	92	Ø 34.5	Rp 3/4"
PSL75-C	114	Ø 34.5	DN20Cn

Note: All measurements in mm unless otherwise stated.



FLOW RATES

Nominal diameter	Flow rate (maximum)
15mm	50L/min at 700kPa inlet
20mm	60L/min at 700kPa inlet



STANDARDS AND APPROVALS



AS 1357.2
WMKA0938
SAI GLOBAL

NOTES

This valve is of a piston based design and needs a vent hole to ensure operation. If this valve is exposed to high inlet pressures (e.g. poor water conditions or under water hammer conditions), damage to the valve can result in water leaking through the vent hole. This hole should not be covered or filled in any way to prevent malfunction of this valve. It is recommended to not install this valve in enclosed spaces for this reason.