

Series 25AUB-G-Z3-AUS

25AUB-G-Z3-AUS-202009

Pressure Reducing Valve

Size: DN15-DN50

Series 25AUB-G-Z3-AUS Water Pressure Reducing Valves are designed to reduce incoming water pressure to a sensible level to protect plumbing system components and reduce water consumption*. This series is suitable for water supply pressures up to 2070 kPa and may be adjusted from 170 – 520 kPa. All parts are quickly and easily serviceable without removing the valve from the line. The standard bypass feature permits the flow of water back through the valve into the main when outlet pressures exceed the pressure in the main supply, due to thermal expansion on the outlet side of the valve.

Features

- DR copper silicon alloy construction
- High temperature resistant reinforced diaphragm for hot water
- Bypass feature controls thermal expansion pressure**
- Standard construction includes Z3 sealed spring cage and stainless steel corrosion resistant adjusting & cage screws
- Integral stainless steel strainer
- Replaceable seat module
- Serviceable in line
- Union inlet connection

* A water saving test program concluded that reducing the supply pressure from 551-345 kPa resulted in a water savings of 30%.

** The bypass feature will not prevent the pressure relief valve from opening on the hot water supply system with pressure above 1030 kPa.

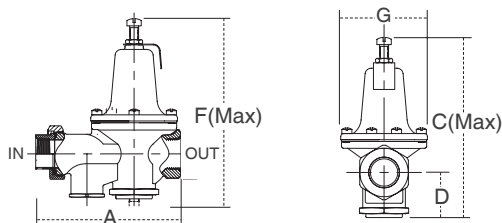
Pressure-Temperature

- Maximum Working Pressure: 2070 kPa
- Temperature Range: 0.5°C~71°C
- Reduced Pressure Range: 170 - 520 kPa
- Factory Preset Pressure: 500 kPa

Material

Component	Material
Body	DR copper silicon alloy (15-25mm) Replaceable engineered polymer (32-50mm) Replaceable stainless steel
Seat	Stainless Steel
Integral Strainer	Reinforced EPDM with PTFE wetted surface
Diaphragm	EPDM
Valve Disc	

Installation Dimension



Size	Dimensions					kg
	A	C	D	F	G	
mm	mm	mm	mm	mm	mm	
DN15	137	178	38	240	79	1.6
DN20	135	178	38	240	79	1.6
DN25	152	203	44	266	92	3.0
DN32	222	229	54	291	92	4.5
DN40	222	241	60	304	103	4.5
DN50	235	286	83	348	121	6.8



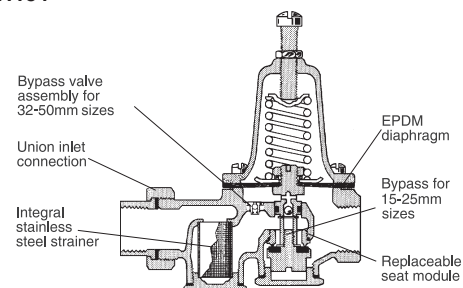
Specification

- Design Standard: AS 1357.2-2005
- Connection Standard: BSP to AS3688
- Medium: Non corrosive liquid
- Note: Single Stage Pressure Reduction is recommended where incoming pressure is less than 1100 kPa and when the reduction ratio is less than 3:1. If the initial pressure is 1100 kPa or greater, or the pressure reduction ratio is greater than 3:1 (e.g. from 1380 kPa to 350 kPa), or when the inflow pressure fluctuates greatly, two-stage pressure reduction is recommended by having two PRVs in series.

Approval



WMKA21184



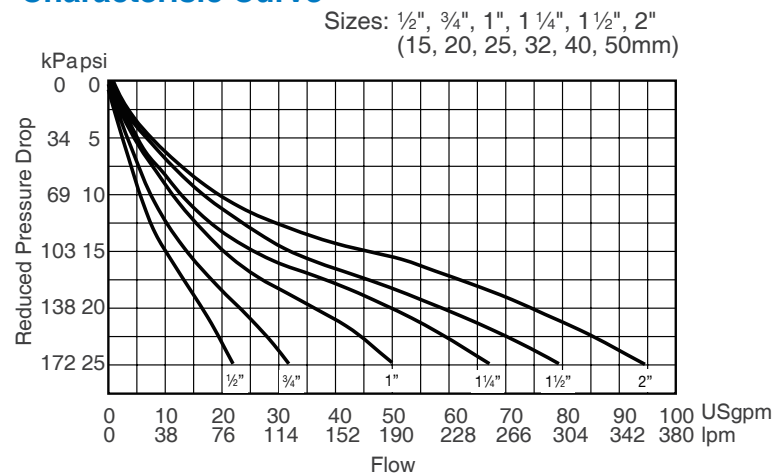
Options

Add Suffix

HP High pressure range 520 - 860 kPa

LP Low pressure range 69 - 241 kPa

Characteristic Curve



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