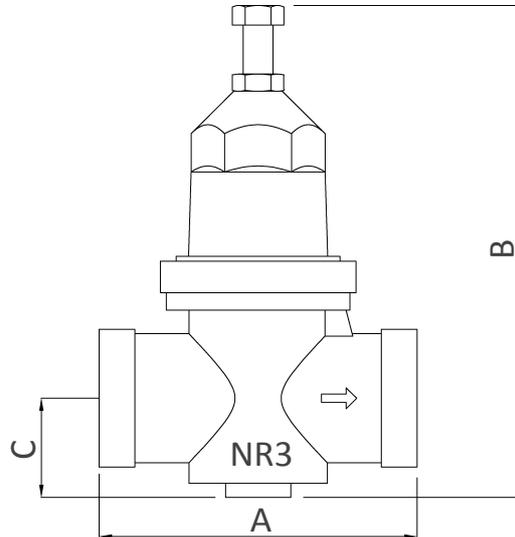


### MODEL NR3

#### WATER PRESSURE REDUCING VALVE W/INTEGRAL BYPASS CHECK VALVE & STRAINER

Dimensional Data (mm) are Subject to Manufacturing Tolerances and Change Without Notice



#### ENGINEERING SPECIFICATION - MODEL NR3

- Designed for installation on potable water lines to reduce high inlet pressure to a lower outlet pressure
- The integral strainer makes this device most suitable for residential and commercial water systems requiring frequent cleaning because of sediment and debris
- The direct acting integral by-pass design prevents buildup of excessive system pressure caused by thermal expansion
- The balanced piston design enables the regulator to react in a smooth and responsive manner to changes in system flow demand, while at the same time, providing protection from inlet pressure changes
- The Model NR3 may be installed in any position, provided sufficient clearance is available for testing
- Multiple installations are recommend for wide demand variations or where the desired pressure reduction is more than 4 to 1

#### CAUTION:

Anytime a reducing valve is installed or adjusted, a pressure gauge must be used downstream to verify correct pressure setting. Set pressure is based on a 1,000 kPa inlet pressure.

#### STANDARDS COMPLIANCE

Australian Watermark Approved WM-001965



#### PRODUCT CODES

CODE	DESCRIPTION
15-NR3LUBS	15mm NR3 Zurn Wilkins PRV 350kPa
20-NR3LUBS	20mm NR3 Zurn Wilkins PRV 350kPa
25-NR3LUBS	25mm NR3 Zurn Wilkins PRV 350kPa
32-NR3LUBS	32mm NR3 Zurn Wilkins PRV 350kPa
40-NR3LUBS	40mm NR3 Zurn Wilkins PRV 350kPa
50-NR3LUBS	50mm NR3 Zurn Wilkins PRV 350kPa
15-NR3-500	15mm NR3 Zurn Wilkins PRV 500kPa
20-NR3-500	20mm NR3 Zurn Wilkins PRV 500kPa
25-NR3-500	25mm NR3 Zurn Wilkins PRV 500kPa
32-NR3-500	32mm NR3 Zurn Wilkins PRV 500kPa
40-NR3-500	40mm NR3 Zurn Wilkins PRV 500kPa
50-NR3-500	50mm NR3 Zurn Wilkins PRV 500kPa

#### DIMENSIONS & WEIGHTS (DO NOT INCLUDE PKG.)

MODEL SIZE mm	DIMENSIONS				WEIGHT kg
	A mm	B mm	C mm	D mm	
15	89	159	29	64	1.5
20	89	159	29	64	1.5
25	102	159	29	64	1.6
32	127	197	30	76	2.3
40	127	216	45	95	2.5
50	127	216	51	95	3.0

#### PRODUCT INFORMATION

##### MODEL NR3 FEATURES - SIZES 15, 20, 25 & 32mm

Max. Working Water Pressure	2700kPa
Max. Working Temperature	60° Celsius
Reduced Pressure Range	100-515kPa
Factory Preset	350kPa or 500kPa
Maximum Reduction	4 to 1

##### MODEL NR3 FEATURES - SIZES 40 & 50mm

Max. Working Water Pressure	2100kPa
Max. Working Temperature	60° Celsius
Reduced Pressure Range	170-515kPa
Factory Preset	350kPa or 500kPa
Maximum Reduction	4 to 1

##### MODEL NR3 MATERIALS

Main Valve Body	Cast Bronze
Bell Housing	UV Res. Polymer Composite
Internals	Stainless Steel
Stem	Brass
Elastomers	Buna Nitrile, EPDM
Cartridge	Delrin™
Strainer Screen	Stainless Steel
Springs	Stainless Steel



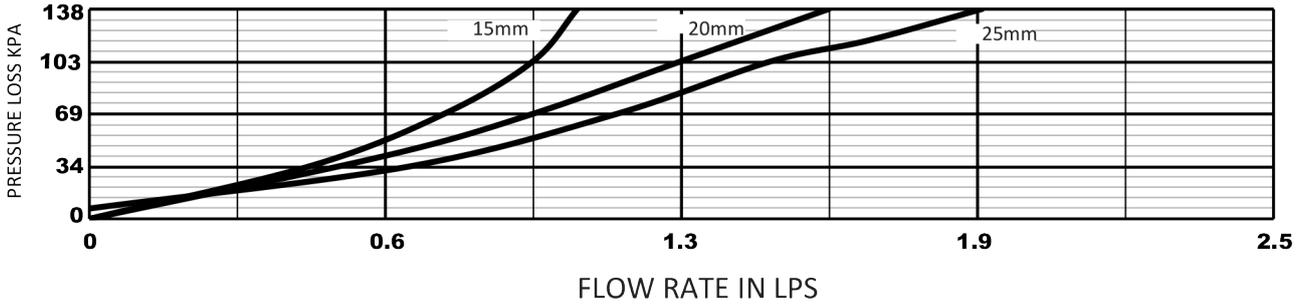
# MODEL NR3

WATER PRESSURE REDUCING VALVE W/INTEGRAL BYPASS CHECK VALVE & STRAINER

Dimensional Data (mm) are Subject to Manufacturing Tolerances and Change Without Notice

## FLOW CHARACTERISTICS AND PRESSURE LOSSES

**MODEL NR3 15mm, 20mm, 25mm**



**MODEL NR3 40, 50mm**

