

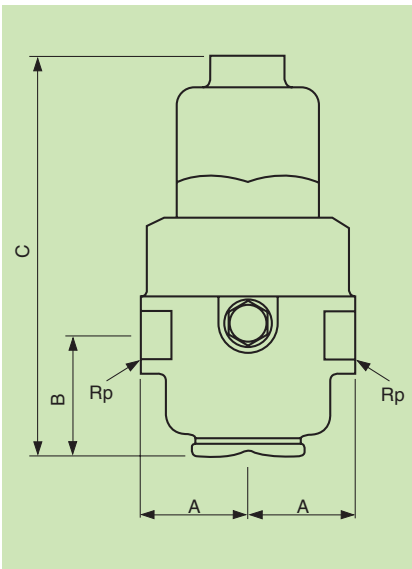
# NABIC®

## PRESSURE REDUCING VALVE

### APPLICATIONS

The Fig 800 Pressure Reducing Valve is used where there is a requirement to lower the pressure of a fluid from one level to another. It has also to maintain the reduced pressure at a constant value, irrespective of fluctuations in the inlet pressure or changes in flow demand. Approved for use with potable water, the Fig 800 is suitable for both domestic and industrial applications.

### DIMENSIONS



SIZE DN	Rp BSP	A mm	B mm	C mm
15	1/2"	38	45	141
20	3/4"	47	50	168
25	1"	62	62	204

## Fig 800



BODY MATERIAL	: GUNMETAL
MAXIMUM INLET PRESSURE	: 25 bar
MAXIMUM OUTLET PRESSURE	: 8 bar
MINIMUM OUTLET PRESSURE	: 0.5 bar
MAXIMUM WORKING TEMP	: 85°C

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### CONSTRUCTION

The Fig 800 is manufactured from dezincification resistant materials, virtually maintenance free and fitted with a tamper proof seal to prevent unauthorised adjustment to set pressures. A single spring covers high and medium pressures and a second spring covers low pressure, and with the rolling diaphragm, gives excellent sensitivity in operation.

Its compact design, based on BS6283 part 4 can be fitted in any orientation and there is the option of fitting a pressure gauge.

Available in sizes DN 15, 20 & 25, the inlet and outlet connections are screwed BSP.

### FEATURES

- QUICK RESPONSE TO PRESSURE FLUCTUATIONS
- TAMPER PROOF SEAL
- LOW MAINTENANCE REQUIREMENTS
- APPROVED FOR POTABLE WATER
- UKWFBS APPROVED

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## PRESSURE REDUCING VALVE

### Fig 850

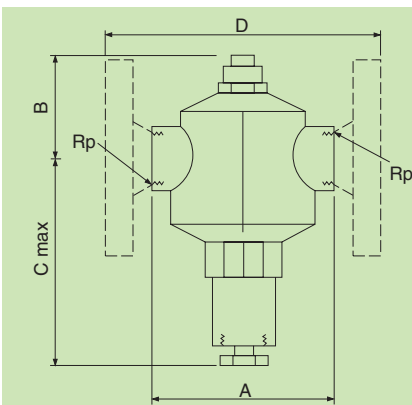
#### APPLICATIONS

The Fig 850 Pressure Reducing Valve is designed for general and commercial use, and is used where there is a requirement to lower the pressure of a fluid from one level to another. It has also to maintain the reduced pressure at a constant value, irrespective of fluctuations in the inlet pressure or changes in the flow demand.

The valve is suitable for use with water and non-corrosive gases with a maximum operating temperature of 80°C

For sizing and other information please contact NABIC Technical.

#### DIMENSIONS



SIZE DN	Rp BSP	A mm	B mm	C max	D mm
15	1/2	95	57	130	-
20	3/4	95	57	130	-
25	1	95	65	135	-
32	1 1/4	116	67	153	-
40	1 1/2	122	72	163	-
50	2	126	72	163	202
65	2 1/2	180	100	290	260
80	3	188	100	290	276
100	4	202	100	290	290



BODY MATERIAL	: BRASS NICKEL PLATED
MAXIMUM INLET PRESSURE	: 25 bar
MAXIMUM OUTLET PRESSURE	: 7 bar
MINIMUM OUTLET PRESSURE	: 0.5 bar

#### CONSTRUCTION

The Fig 850 is manufactured from brass and is nickel plated. The stainless steel seat ensures minimum maintenance and allows for applications where high velocities are required. A single spring covers the full pressure range.

Inlet and outlet connections are screwed BSP female, larger sizes DN50 to DN100 can also be supplied with flanges to BS 4504 PN16.

A pressure gauge can also be fitted to the valve.

#### FEATURES

- STAINLESS STEEL SEAT
- LOW MAINTENANCE REQUIREMENTS
- MINIMUM OUTLET PRESSURE 0.5 bar
- PRESSURE GAUGE CONNECTION
- HIGH WATER VELOCITIES

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