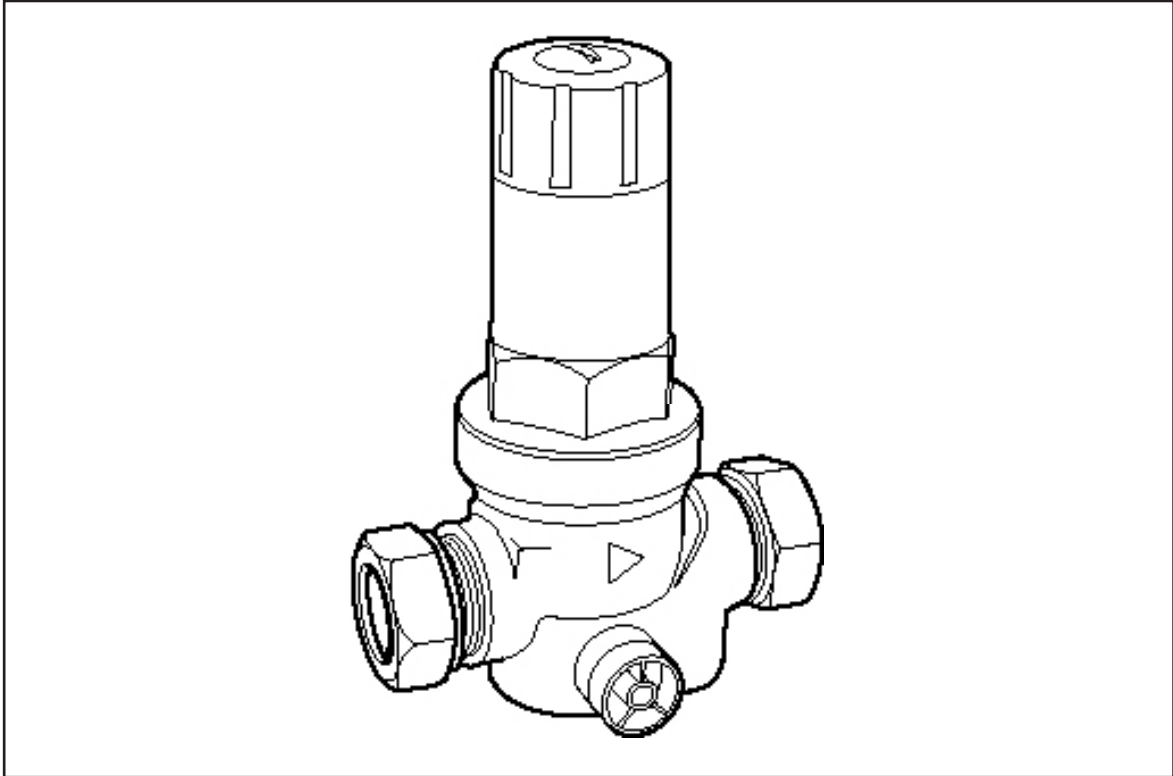




## Product Specification Sheet

### 312C Series Pressure Reducing Valves



A pressure reducing valve for domestic applications, with compression connections.

#### Product Features and Benefits

- Compression connections for simple, low cost installation.
- High flow rate design.
- Adjustable outlet pressure, from 0.5 to 5 bar.
- Single piece cartridge design for ease of service and replacement .
- Fully serviceable strainer.
- Multi media application (water, light oil, etc.).

✓ WRAS approved.

# 312C Series Pressure Reducing Valves

## Description

High quality pressure reducing valves, suitable for various applications at temperatures up to 40°C (60°C for 1 hour max.) The valves are designed for low pressure drop, so minimising noise levels. Models feature cartridge construction, fully servicable strainer and compression connections, for simple, low cost installation and are suitable for use with warm water, fuel oil, compressed air, neutral gases and non sticking liquids.

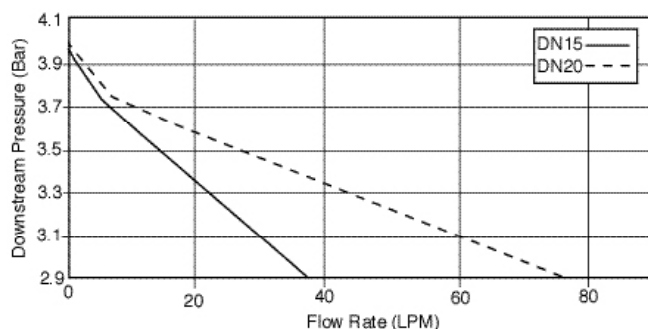
## Product Range

PRED 310 200                      15mm 312C Adjustable  
 PRED 310 500                      22mm 312C Adjustable  
 N.B. Pre-set valves available upon request.

## Flow Characteristics

The graph below shows the flow from a valve set at 4.0bar outlet pressure with zero flow. As outlets are opened downstream, the pressure decreases and the flow increases accordingly.

## Materials



Body:                                      Stamped DZR brass (15mm)  
     Cast gunmetal (22mm)  
 Internal components:                DZR brass  
 Seals:                                    NBR elastomer  
 Spring:                                  Zinc plated spring steel  
 Strainer:                                Stainless steel  
 Diaphragm:                            NBR elastomer nylon mesh  
 Cover:                                    Glass filled nylon polymer

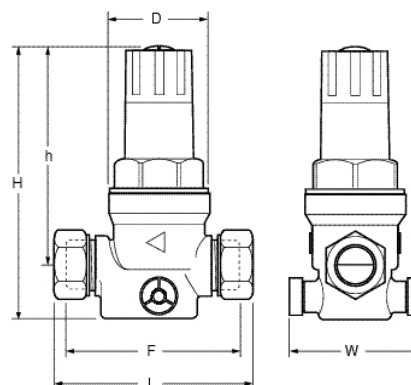
## Standards

EN 1567

## Approvals

WRAS Certificate Nos. 9602021, 9602022

## Dimensions



ØA	L	F	D	H	h	W
15mm	100	85	37	115	95.5	65
22mm	102	86	52	144	115.5	70

All dimensions are in mm unless stated

## Specifications

Test pressure:                            25 bar (body only)  
 Working pressure:                      16 bar max.  
 Adjustable set pressure range:    0.5 - 5 bar  
 Pressure reduction ratio:            10:1 max.  
 Working temperature:                40°C (60°C max. for 1 hour)

## How to Specify

WRAS listed, compression pressure reducing valve with full flow strainer and all working components contained in a cartridge form, with two downstream test points, one either side (select appropriate range code).

## Guarantee

All Reliance® products undergo strict performance tests prior to despatch, and are guaranteed against faulty materials and workmanship for one year from date of purchase. This is in addition to any statutory rights.



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