

## DM1816 / DM1825

### Pressure Reducing Valve



PN16 & PN25\*

#### Features & Benefits

- PRVs enable control of pressure from boosted cold water supplies to match site requirements
- Simple to install
- Features an integral strainer preventing debris from affecting valve performance
- WRAS approved
- Adjustable outlet pressure from 1-8 bar
- Conforms to BS EN 1567 (DM1816)

#### Materials

PART	MATERIAL	SPECIFICATION
Body	Bronze	BS EN 1982 CC499K
Internal Parts	Bronze Brass Stainless Steel	BS EN 1982 CC499K CW614N SS316
Spring	Spring Steel	DIN 17223 1.1200
Strainer Screen	Stainless Steel	SS 304
Seal	EPDM	WRAS approved

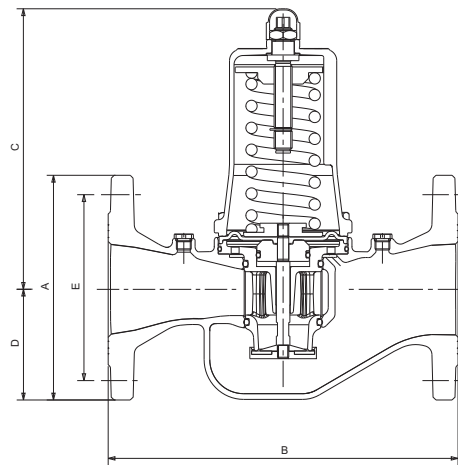
#### Dimensions & Weights

FIG. NO	Size (DN)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	WEIGHT (kg)
DM1816/DM1825	65	185	290	235	93	145	20
DM1825	80	200	310	235	100	160	22

\*Shell tested up to PN40



#### Dimensional Drawing



**NOTE:** Pressure gauge used to measure inlet and outlet pressure, available with axial or vertical threaded connection and should be ordered separately. For each valve, two pressure gauges are required

#### Pressure/Temperature Ratings

TEMPERATURE RANGE (°C)	-10 to 85
PRESSURE (BAR)	16 & 25

**PRESSURE RATING:** DM1816 - PN16, DM1825 - PN25

**MEDIUM:** Water Only

**OUTLET PRESSURE RANGE:** 1 - 8 bar

**PRE SET OUTLET PRESSURE:** 3 bar

**CONNECTIONS:** Flanged BS EN 1092-3

**DESIGN STANDARD:** PN16 conforms to BS EN 1567 and PN25 general conformity to BS EN 1567

**APPROVALS:** WRAS, DVGW, PED97/23/EC