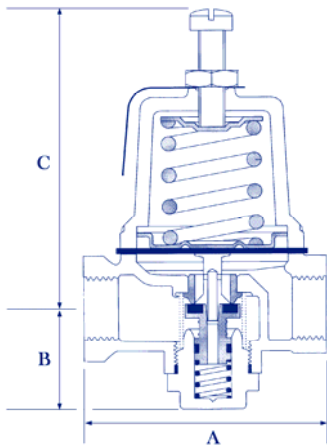


PRESSURE REDUCING VALVES

C10

BAILEY BIRKETT PRESSURE REDUCING VALVE



Part No. C10

BRONZE BODY WITH BSP THREADED CONNECTIONS SUITABLE FOR WATER & AIR

The C10 balanced pressure reducing valve range is designed for use on water/air (gas) applications and for installations which have varying inlet pressures and capacities. It is particularly suitable where positive shut-off is required under “no flow” conditions and where compact size and economy are essential.

The C10 pressure regulator is operated by a spring loaded piston and has a balanced main valve which ensures that the outlet dead-end pressure is unaffected by changes of inlet pressure.

The valve is opened by the load on the adjusting spring and closed by reduced pressure on the underside of the diaphragm. Under normal working conditions, the balance of these two forces gives the degree of valve opening for the required reduced pressure.

SIZE	DN15	DN20	DN25	DN32	DN40	DN50
A	77	84	98	119	145	172
B	33	36	40	51	56	67
C	98	105	113	191	225	276

Features & Benefits

- Direct acting.
- Stainless steel seat.
- Soft disc for positive shut off.
- Integral strainer.
- Fully balanced piston.
- Simple design.
- Self actuation/regulation.
- One spring covers the entire outlet pressure range.

Pressure & Temperature

Maximum Inlet Pressure:-
27 bar.

Reduced Pressure range:-
Maximum : 4.8 bar.
Minimum : 0.7 bar.

Outlet pressure should not be less than 10% of the inlet pressure.

Temperature Range:-
-18 to 82°C.

MATERIALS

Body	Bronze
Seat Ring	Stainless Steel
Diaphragm & Seals	EPDM
Seat Disc	EPDM
Strainer	Stainless Steel