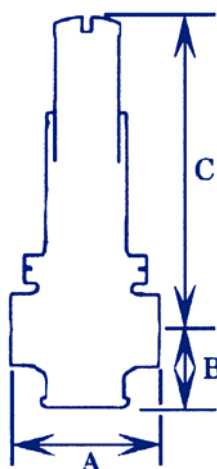


## PRESSURE REDUCING VALVES

### CLASS T

### BAILEY BIRKETT PRESSURE REDUCING VALVE



#### Part No. CLASS T

#### BRONZE BODY WITH BSP THREADED CONNECTIONS SUITABLE FOR HIGH CAPACITY LIQUIDS & AIR

The Class T pressure reducing valve is designed for use on installations that have a varying inlet pressure and capacity and which require positive shut off under no load conditions.

The standard valve is suitable for controlling air, potable water, oils and other gases or liquids which are compatible with the valve materials. Oil or seawater resistant trim is also available.

For high inlet pressure applications above 17.2 bar, a PTFE main valve disc must be specified.

This valve should be installed in a horizontal position.

When ordering, please state which pressure adjustment spring range is required for the downstream pressure.

Dark Green Spring	0.35 - 0.7 Bar
Light Green Spring	0.8 - 1.4 Bar
Orange Spring	1.4 - 2.8 Bar
Brown Spring	2.8 - 5.5 Bar
Blue Spring	5.6 - 8.3 Bar
Red Spring	8.3 - 13.8 Bar

SIZE	DN15	DN20	DN25	DN32	DN40	DN50
A	76	89	111	124	133	165
B	45	48	56	68	68	79
C	162	184	222	232	292	324

#### Features & Benefits

- Direct acting.
- Reliable performance.
- Balanced valve.
- Positive shut-off.
- Oil trim available.

#### Pressure & Temperature

Maximum Inlet Pressure:-  
41.4 bar.\*

\*PTFE seat for inlet pressures above 17.2 bar or outlets pressure above 8.2 bar.

Reduced Pressure range:-  
0.35 to 13.8 bar.

Temperature Range:-  
Water & Air up to 100°C.  
Oil up to 90°C.

#### AVAILABLE SPARES

##### Set of Seals & Disc.

Containing:-  
Rolling diaphragm, valve disc, H.P. seal, bottom plug joint & valve stem joint.

#### MATERIALS

Body	Bronze
Valve Disc (Pressures up to 17.2 bar)	Rubber*
Valve Disc (Pressures from 17.2 bar)	PTFE
H.P Seal	Rubber*
Rolling Diaphragm	Rubber*

\* Nitrile rubber when valve is supplied for oil duty.