



## BAILEY BIRKETT SAFETY RELIEF VALVES

### 480/485/490

### LIQUID BY-PASS SAFETY RELIEF VALVE



#### Part No. 480/485/490 LIQUID BY-PASS SAFETY RELIEF VALVE

The 480/485/490 liquid relief valve spring is housed in a cartridge type assembly which can be withdrawn from the body without disturbing the pressure setting, thus allowing the seating surfaces to be cleaned without the need to reset the valve.

The 480/485/490 are suitable for use with positive displacement pumps either of the rotary or reciprocating type and have been used successfully with water and most corrosive liquids.

They can also be used as a relief or combined relief and bypass valve and can be modified to operate as an integral pump by-pass relief valve.

The 480 is a bronze relief valve, the 485 is also bronze with a renewable stainless steel seat while the 490 is all stainless steel.

The inlet and outlet connections are screwed and a pressure tight screw on dome prevents leakage through the pressure adjustment assembly.

Valves are certificated prior to despatch to confirm traceable serial number and set pressure.

SIZE	A	B	C
DN20	¾	49	176
DN25	1	64	198
DN40	1½	73	237
DN50	2	91	270

#### Features & Benefits

- Approved to BS6759.
- No guide fins to become jammed.
- Self contained spring & valve disc spring chamber assembly.
- Precision lapped valve disc.

#### Pressure & Temperature

Pressure range:-

0.3 to 24 bar.

Temperature Range:-

-19°C to 120°C.

When ordering, the following information is necessary to ensure that the correct size and type of valve is selected.

1. Service.
2. Application.
3. System working pressure.
4. Set pressure.
5. Maximum Capacity
6. Inlet connection.

MODEL	BODY	VALVE DISC
480	Bronze	Bronze
485	Bronze	Stainless Steel
490	Stainless Steel	Stainless Steel

**THIS PRODUCT IS STOCKED UNSET & CAN  
BE SET TO YOUR EXACT REQUIREMENTS**