

## SERIES DF61

### SAFETY RELIEF VALVE ATMOSPHERIC DISCHARGE COMPLETE WITH EASING GEAR

The DF61 or 6100 series safety relief valve with atmospheric discharge and lifting knob easing gear is used on compressed air cylinders and pressure vessels. It is available from 1/4" BSP Taper to 1" BSP Taper and comes fitted with a Silicone rubber seat as standard.

#### Features & Benefits

- High performance
- Soft valve washer for 'bubble tight' seal
- Pressure range 0.5 barg to 27.6 barg \*Please check availability\*
- Atmospheric discharge
- Inlet connections BSP taper
- Size range: 1/4, 3/8, 1/2, 3/4 & 1 BSP Taper
- Also available as 1/2" NPT
- Valve washers to suit air & inert gases brass
- Construction with stainless steel springs
- Valves can be supplied de-greased for oxygen service & lead wire sealed

#### Specification

The series DF61 is a High Lift Safety Relief Valve with atmospheric discharge suitable for air and inert gas applications. The flow is de-rated and measured in accordance with BS6759 Part 2: 1984. The valve re-seats within minus 10% of set pressure.

- Maximum Set Pressure: 27.6 bar
- Maximum Temperature: 180°C

**ALL SAFETY VALVES ARE PED APPROVED AND CE MARKED**

Valve size	06	10	15	20	25
A	15	15	15	18	21
B	87-103	87-103	87-103	90-120	97-135
C	32	32	32	33	33
Overall	134-150	134-150	134-150	141-171	151-189

Dimensions depending on set pressure

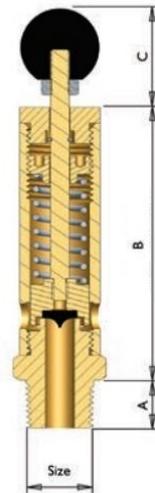
#### Capacities

**AIR @ 15°C in Std. Litres/sec @ 10% overpressure**

Size	Barg	0.5	2.0	5.0	8.0	9.0	11.0	13.0	15.0	17.0	21.0	25.0	27.6
1/4-1/2	L/sec	10	20	40	60	67	81	94	108	121	148	175	193
3/4	L/sec	14	29	60	90	100	120	140	161	181	221	261	288
1	L/sec	23	48	97	146	162	195	227	260	293	358	424	466

\* Notional these figures are for guidance only and may vary depending upon system conditions

Whilst every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing, Bonut Engineering Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.



Dimensions in mms



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