

With Test Levers - Screwed or Flanged Connections

Side Outlet discharge with test lever. These valves are used with compressible media, mainly steam systems to prevent safe pressures being exceeded.

Approved to BS EN ISO 9001: 2000. Certificate No. 0910407.

Material List		
1	Dome Top	Cu Alloy BS EN 12164 CW617N
2	Body	Cu Alloy BS EN 1982 CC491K
3	Base	Cu Alloy BS EN 1982 CC491K
3SS	St. St. Base	ASTM A 351/A 351M CF8M
3FL	Inlet Flange	Cu Alloy BS EN 1982 CC491K
4	Adjusting Screw	Cu Alloy BS EN 12164 CW641N
5	Lock Nut	Cu Alloy BS EN 12164 CW641N
6	Spring Plate	Cu Alloy BS EN 12164 CW721R
7	Spindle	Cu Alloy BS EN 12164 CW721R
8	Ball	Chrome Steel AISI 52100
9	Valve	Cu Alloy BS EN 12165 CW602N
10	Label	Metallised Polymer
11	Spring	St. Steel BS2056 302 S26
12	Blowdown Ring	Cu Alloy BS EN 1982 CC491K
13	Outlet Flange	Cu Alloy BS EN 1982 CC491K
14	Easing Lever	Stainless Steel
15	Lever Pin	Stainless Steel

Dimensions						
Size	Inches	A	B	C	D	Kg
DN15	1/2"	16	35	106	33	0.60
DN20	3/4"	16	36	114	40	0.80
DN25	1"	17	47	130	48	1.60
DN32	1 1/4"	22	56	172	54	2.20
DN40	1 1/2"	24	57	170	57	3.00
DN50	2"	30	68	180	73	4.00

Flange dimensions vary according to specification (available upon request).

Spring/Pressure Ranges at up to 225°C (437°F)			
Type	Colour Code	Bar.g	p.s.i.g
A	Red	0.2 - 0.50	3 - 7
B	Blue	0.50 - 0.80	7 - 12
C	Green	0.80 - 1.40	12 - 20
D	Yellow	1.40 - 2.40	20 - 35
E	White	2.40 - 4.10	35 - 60
F	Black	4.10 - 5.90	60 - 85
G	Brown	5.90 - 8.60	85 - 125
H	Purple	8.60 - 12.10	125 - 175
J	Grey	12.10 - 15.50	175 - 225
K	Orange	15.50 - 19.00	225 - 275
L	Red & Black	19.00 - 21.00	275 - 300

Full Cat IV PED approval.

The VG100 range of valves are ideal for handling compressible material but it must be noted... **they are not suitable for liquids.**

Clear operating and maintenance instructions are supplied with each despatch.

Generally in accordance with BS6759 Parts 1 & 2.

Pipe Connections

- Male Inlet x Female Outlet.
- Standard valves are threaded BS 21:1985 Rp Parallel.
- Alternative thread standards, i.e. taper or NPT are available upon request.
- Flanged connections also available. Most flange standards can be accommodated, e.g. ANSI, BS4504 - please specify requirements.

