

# JOHN FIG 768

## Relief Valve

The 768 relief valve is designed for water and other non-corrosive liquid applications. It is fitted with a closed cap to prevent any fluid from escaping out the top. Both the body and the trim are bronze. The 768 are designed to automatically discharge when a predetermined upstream pressure is exceeded to prevent damage caused by over-pressurization. Before despatch all safety and relief valves are tested and adjusted to the required blow-off pressure, and each valve is supplied with a test certificate.

<b>Body</b>	Gunmetal Bronze
<b>Trim</b>	Brass
<b>Size Range</b>	15, 20, 25, 32, 40, 50
<b>Pressure Range</b>	PN12
<b>Temperature</b>	-45°C - 185°C
<b>Pressure Range</b>	0.5 Bar - 12 bar
<b>Connections</b>	BSPM x BSPF
<b>Standards</b>	AS 1271, Class B

### Dimensions (mm)

I	S	O	A	B	D	Kg
15	13	15	32	52	136.3	0.53
20	19	20	36	58	144.8	0.66
25	25	25	40	71	173.2	1.13
32	32	32	52	83	196.2	1.99
40	38	40	58	96	224.9	2.5
50	50	50	65	103	255.9	3.71

### Materials of Construction

ID	PART DESCRIPTION	768
1	Body	Bronze
2	Valve Seat	Brass
3	Spindle	Brass
4	Spring Plate	Brass
5	Disc	Brass
6	Cap	Brass
7	Spring	Spring Steel

### Fig 768 Water Capacity – L/S @20°C

Set Press (kPa)	15	20	25	32	40	50
100	11	23	40	66	93	161
200	15	33	57	93	131	227
300	19	40	70	114	161	278
400	22	46	80	132	186	322
500	24	52	90	147	208	360
600	27	57	98	161	227	394
700	29	61	106	174	246	425
800	31	66	114	186	2663	455
900	33	70	121	198	279	482
1000	35	73	127	207	293	506
1100	37	77	133	218	308	533
1200	39	80	139	228	322	557

