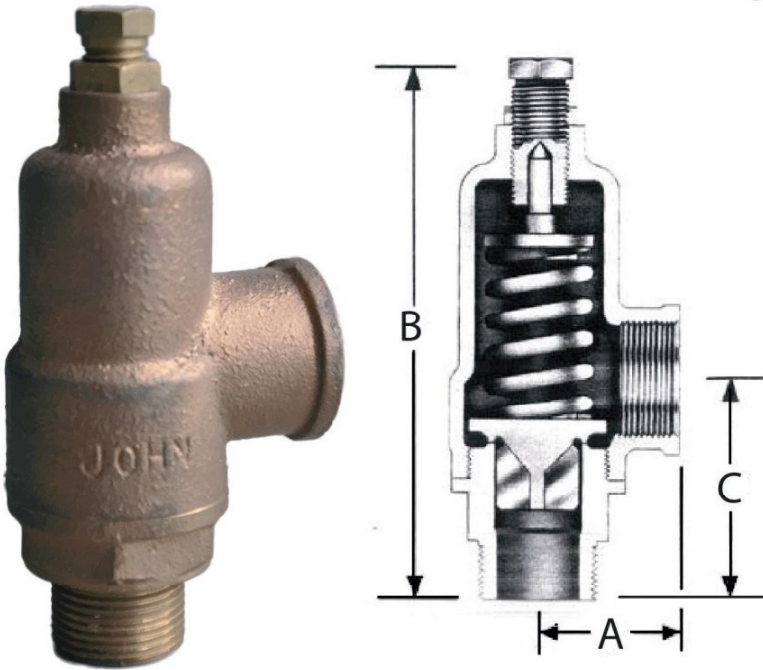


JOHN FIG. 68 Relief Valve

PRESSURES: Water, Oil, Gas: 1400 kPa @ 99 °C
TEMPERATURE: 200 °C Max.
HYDROSTATIC TEST PRESSURE: Body: 2100 kpa
Seat: 1400 kpa

John Fig 68 Bronze Relief Valve

When installed in line following a reducing valve, the John Fig 68 spring relief valve is suitable for protection of reduced pressure installations. Being an enclosed outlet design, it is suitable for liquids which are discharged through a pipe screwed into the outlet at right angles to the inlet.



DIMENSIONS

SIZE	A	B	C	wt. (kg)
15	33	117	52	0.5
20	40	127	57	0.6
25	44	171	68	1.2
32	51	194	81	2.3
40	67	213	89	2.5
50	70	229	102	3.6
65	83	279	117	6.4
80	95	318	133	10

WATER CAPACITIES L/m

SET PRESS (kPa)	15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm
100	8.6	19.4	34.6	58.8	84.3	163.2	254.6	357
200	13.5	30.5	54.3	92.7	132.7	256.9	401	576
300	17.1	38.6	68.6	117.1	167.7	324.6	506.4	727.4
400	20.1	45.3	80.5	137.3	196.8	381	595.1	854.7
500	22.6	51.1	90.9	155	222.8	431	673	964
600	25	56.4	100	170.9	245	473.7	740.1	1063.8
700	27	61	108.4	185.5	265.9	514.6	802.4	1152.4
800	29.1	65.5	116.4	199.1	284.6	551.9	860.6	1236.5
900	31	70	124.1	211.8	303.7	587.4	917.4	1316.1
1000	32.6	73.6	130.9	223.2	320	619.6	963.8	1386.6

MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIAL
1.	BODY	BRONZE
2.	DISC	BRONZE
3.	BASE	BRONZE
4.	SPRING	STAINLESS STEEL
5.	SPRING PLATE	BRONZE
6.	ADJUSTING BOLT	BRASS

SPRING RANGES

SPRING CODE	FIG NO.	RANGE (kPa)
A	68A	561- 840
B	68B	281- 560
C	68C	841-1050
D	68D	141 - 280
E	68E	1051-1400
F	68F	70-140