



GOE-652
Bronze
Side Discharge
Safety Relief Valve
For Air, Inert Gases, Steam*
BSPP Female Threaded



The GOE-652 safety relief valve is suitable for the protection of pressure tanks and systems for steam*, air, inert gas and vapour duties.

* EPDM disc option suitable for steam boilers Cat 1 <10 litres up to 3 bar,

Features, Benefits & Approvals

- TÜV test approval: 293, 312
- DIN EN ISO 4126-1
- Side discharge
- Twist type lifting mechanism
- Set, tested and certified prior to despatch

Pressure & Temperature

Pressure range:-
1 to 16 bar*

Temperature range:-

NBR Disc (standard): -30°C to 130°C
EPDM Disc: -50°C to 150°C
FKM Disc: -20°C to 200°C

DN (E)	15 (1/2")	20 (3/4")	25 (1")	32 (1 1/4")	40 (1 1/2")	50 (2")
A	70	70	80	100	140	155
B	17	18	22	25	28	34
C	26	31	35	40	46	54
D	10	13	16	18	22	25
Weight Kg	0.2	0.3	0.5	0.7	1.2	1.6

Materials

Body	Bronze
Internal Parts	Brass
Spring	Spring Steel with anti-rust protection
Disc	NBR (standard) • EPDM • FKM

AIR CAPACITY - 10% OVERPRESSURE (BS EN 4126-1) Nm³/h

Set Pressure (Bar)	DN15	DN20	DN25	DN32	DN40	DN50
1.0	31	53	80	102	152	196
1.5	40	67	102	128	192	248
2.0	48	81	123	155	232	299
2.5	56	95	144	182	272	351
3.0	64	109	165	208	311	402
4.0	81	137	207	262	391	505
5.0	97	164	249	315	471	608
8.0	147	248	375	475	710	917
10.0	180	303	460	582	869	1122
12.0	212	359	544	688	1028	1328
14.0	245	415	628	795	1188	1534
16.0	278	470	713	902	1347	1740

STEAM CAPACITY - 10% OVERPRESSURE (BS EN 4126-1) Kg/hr

Set Pressure (Bar)	DN15	DN20	DN25	DN32	DN40	DN50
1.0	25	42	64	81	121	157
1.5	32	53	81	102	152	197
2.0	38	64	97	122	183	236
2.5	44	74	113	143	213	275
3.0	50	85	129	163	243	314