



**GOE-410**  
**Stainless Steel**  
**Atmospheric Discharge**  
**Safety Relief Valve**  
**For Air & Inert Gases\*\***  
**BSPB Threaded**

\* Not recommended for use with Helium gas.



The GOE-410 safety relief valve is suitable for the protection of pressure tanks and systems for air and inert gas applications\*.

The valve has a high discharge capacity making it possible to use this small and inexpensive safety relief valve, even for large pressure tanks.

\*Not recommended for use with Helium gas.

**Features, Benefits & Approvals**

- TÜV test certificate: 2055
- DIN EN ISO 4126-1
- Economical & reliable
- High pressure & temperature
- Set, tested and certified prior to despatch

**Pressure & Temperature**

Pressure range:-

FKM Disc: 0.2 to 25 bar

PTFE Disc: 0.2 to 50 bar

Temperature range:-

FKM Disc: -20°C to 200°C

PTFE Disc: -60°C to 225°C

NBR Disc: -30°C to 130°C

DN (BSPB)	06 (1/4")	10 (3/8")	15 (1/2")	20 (3/4")	25 (1")
A**	60	65 (78)	66 (79)	94 (104)	111
B	10	10	12	12	14
C	7.5	10	11	16	20
E	19	24	27	36	41
Weight Kg**	0.1	0.14 (0.16)	0.17 (0.19)	0.35 (0.40)	0.60

\*\* Dimensions in brackets when valve is set at or above the following pressures - DN10 & DN20: 9.1 bar • DN15: 7.1 bar

AIR CAPACITY - 10% OVERPRESSURE (BS EN 4126-1) Nm <sup>3</sup> /h					
Set Pressure (Bar)	DN06	DN10	DN15	DN20	DN25
0.2	20	35	46	100	133
0.5	25	45	54	119	144
1	46	85	107	227	305
2	73	132	166	346	506
3	100	182	222	465	699
4	125	228	279	584	889
5	151	274	336	703	1070
6	176	321	393	821	1251
7	201	367	450	940	1432
8	227	414	507	1059	1613
9	252	460	564	1178	1794
10	278	507	621	1297	1975
11	303	553	678	1416	2156
12	329	599	735	1535	2337
13	354	646	791	1654	2518
14	380	692	848	1773	2700
15	405	739	905	1891	2881
20	533	971	1190	2486	3786
25	660	1203	1474	3080	4691
30	787	1435	1759	3675	5597
35	915	1667	2043	4269	6502
40	1042	1900	2328	4864	7407
45	1170	2132	2612	5458	8313
50	1297	2364	2897	6053	9218

Materials	
Body & Internal Parts	Stainless Steel (316L)
Spring	Stainless Steel (631)
Disc	FKM (0.4 to 25 bar) • PTFE (25.1 to 50 bar)