



GOE-413
Stainless Steel
Atmospheric Discharge
With Safety Shroud
Safety Relief Valve
For Liquid, Granular & Dusty Media
BSPF Threaded



The GOE-413 is a quality, high performance safety relief valve suitable for the protection of pressure tanks and systems for air and inert gas applications.

The valve has a shroud fitted which provides extra safety when relieving media with liquid, granular or dusty particles.

Features, Benefits & Approvals

- TÜV test certificate: 2003
- DIN EN ISO 4126-1
- High quality & reliable
- Shroud for extra safety
- Set, tested and certified prior to despatch

Pressure & Temperature

Pressure range:-

0.2 to 6 bar

Temperature range:-

FKM Disc: -20°C to 200°C

PTFE Disc: -60°C to 225°C

DN (D)	15 (1/2")	20 (3/4")	25 (1")	32 (1 1/4")	40 (1 1/2")	50 (2")
A	144	177	177	177	177	282
B	12	15	15	22.5	22.5	26
C	14	20	24	31	31	48
E	32	41	41	55	55	80
Weight Kg	0.6	1.3	1.3	2.6	2.6	5.4

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

Set Pressure (Bar)	DN15	DN20	DN25	DN32	DN40	DN50
0.2	61	167	240	401	401	768
0.3	76	189	272	453	453	827
0.4	88	205	296	493	493	887
0.5	99	222	320	534	534	946
0.6	110	243	351	585	585	1005
0.7	121	262	377	629	629	1064
0.8	129	280	404	673	673	1123
0.9	138	299	431	719	719	1182
1.0	147	319	459	766	766	1370
1.2	168	357	514	858	858	1514
1.4	186	396	571	952	952	1658
1.6	208	437	629	1049	1049	1903
1.8	225	478	688	1148	1148	2055
2.0	245	520	749	1249	1249	2325
2.5	291	617	889	1483	1483	2724
3.0	338	717	1032	1723	1723	3177
3.5	386	809	1165	1943	1943	3583
4.0	436	923	1330	2219	2219	4056
4.5	480	1018	1465	2445	2445	4469
5.0	524	1112	1601	2671	2671	4962
5.5	569	1206	1736	2897	2897	5382
6.0	613	1300	1872	3123	3123	5802

Materials

Body & Internal Parts	Stainless Steel (316L)
Spring	Stainless Steel (302)
Stroud & Sealing Cap	Stainless Steel (304)
Disc	FKM (Standard) • PTFE (Optional)