



GOETZE SAFETY RELIEF VALVES

GOE-813

SHROUDED SAFETY RELIEF VALVE FOR AIR & INERT GASES



Part No. GOE-813

BRASS BODY ATMOSPHERIC DISCHARGE SAFETY RELIEF VALVE

The GOE-813 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.

The GOE-813 is of a brass cylindrical construction with stainless steel spring and Viton disc as standard with the option of a PTFE disc. A seal cap prevents unauthorized tampering of the valve.

Features & Benefits

- TÜV test certificate: 2003.
- DIN EN ISO 4126-1.
- Shrouded design.
- High capacity discharge.
- Stocked valves set & certified to your exact requirements in our workshop.

Pressure & Temperature

Pressure range:-

Viton disc: 0.2 to 6 bar
PTFE disc: 1 to 6 bar

Temperature Range:-

Viton disc: up to 200°C
PTFE disc: up to 225°C

GOE-813 Dimensions

SIZE	A	B	C	D (BSP)	E
DN15	145	12	14	1/2	32
DN20	177	15	20	3/4	41
DN25	177	15	24	1	41
DN32	215 (177*)	22.5	32	1 1/4	60
DN40	215 (177*)	22.5	32	1 1/2	60
DN50	282	26	48	2	80

* Optional short dimension when valve is set between 1.8 - 2.5 bar.

GOE-813 Air Capacity Chart - m³/h (Blowing-off rate at 10% above set pressure)

SET PRESSURE (bar)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
DN15	58	84	108	128	147	168	186	208	225	245	291	338	386	436	480	524	569	613
DN20	156	197	238	277	319	357	396	437	478	520	617	717	809	923	1018	1112	1206	1300
DN25	225	284	342	399	459	514	571	629	688	749	889	1032	1165	1330	1465	1601	1736	1872
DN32	376	473	571	666	766	858	952	1049	1148	1249	1483	1723	1943	2219	2445	2671	2897	3123
DN40	376	473	571	666	766	858	952	1049	1148	1249	1483	1723	1943	2219	2445	2671	2897	3123
DN50	721	851	981	1111	1370	1514	1658	1903	2055	2325	2724	3177	3583	4056	4469	4962	5382	5802