



GOETZE SAFETY RELIEF VALVES

GOE-652

DIAPHRAGM SAFETY RELIEF VALVE FOR LIQUIDS



Part No. GOE-652

BRONZE BODY ANGLED PATTERN SAFETY RELIEF VALVE

The GOE-652 is fitted with a diaphragm to prevent the media from entering the spring chamber thus making it suitable for the protection of pumps, closed cooling circuits and pressure tanks and systems for water and neutral liquids*.

The GOE-652 is an enclosed angled pattern safety relief valve with a bronze body, brass internals, steel spring and EPDM disc as standard with the option of NBR. A seal cap prevents unauthorized tampering of the valve.

* Available for use with oil upon request.

GOE-652 Dimensions

SIZE	A	B	C	D	E (BSP)
DN15	70	17	26	10	1/2
DN20	70	18	31	13	3/4
DN25	80	22	35	16	1
DN32	100	25	40	18	1 1/4
DN40	140	28	46	22	1 1/2
DN50	155	34	54	25	2

GOE-652 Water Capacity Chart - m³/h (Blowing-off rate at 10% above set pressure)

SET PRESSURE (bar)	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7
DN15	1.51	1.85	2.14	2.39	2.62	2.82	3.02	3.20	3.38	3.54	3.70	3.85	3.99
DN20	2.55	3.13	3.61	4.03	4.42	4.77	5.10	5.41	5.71	5.98	6.25	6.51	6.75
DN25	3.87	4.73	5.47	6.11	6.69	7.23	7.73	8.20	8.64	9.06	9.47	9.85	10.23
DN32	4.89	5.99	6.92	7.73	8.47	9.15	9.78	10.38	10.94	11.47	11.98	12.47	12.94
DN40	7.31	8.95	10.33	11.55	12.66	13.67	14.62	15.50	16.34	17.14	17.90	18.63	19.33
DN50	9.44	11.56	13.35	14.92	16.34	17.65	18.87	20.02	21.10	22.13	23.11	24.06	24.97

SET PRESSURE (bar)	7.5	8	8.5	9	9.5	10	11	12	13	14	15	16
DN15	4.13	4.27	4.40	4.53	4.65	4.77	2.78	2.91	3.02	3.14	3.25	3.36
DN20	6.99	7.22	7.44	7.65	7.86	8.07	6.82	7.12	7.41	7.69	7.96	8.22
DN25	10.59	10.93	11.27	11.60	11.91	12.22	12.82	13.39	13.94	14.46	14.97	15.46
DN32	13.40	13.84	14.26	14.68	15.08	15.47	14.42	15.06	15.68	16.27	16.84	17.39
DN40	20.01	20.67	21.30	21.92	22.52	23.11	23.56	24.61	25.62	26.58	27.52	28.42
DN50	25.48	26.69	27.51	28.31	29.08	29.84	31.30	32.69	34.02	35.31	36.55	37.75

Features & Benefits

- TÜV test certificate: 293.
- DIN EN ISO 4126-1.
- Economic & reliable.
- Upper part removable without changing set pressure.
- Knurled nut to lift valve disc.
- Stocked valves set & certified to your exact requirements in our workshop

Pressure & Temperature

Pressure range:-
1 to 16 bar

Temperature Range:-

EPDM disc: up to 150°C
Glycol resistance up to 100%

NBR disc: up to 130°C
Glycol resistance up to 30%