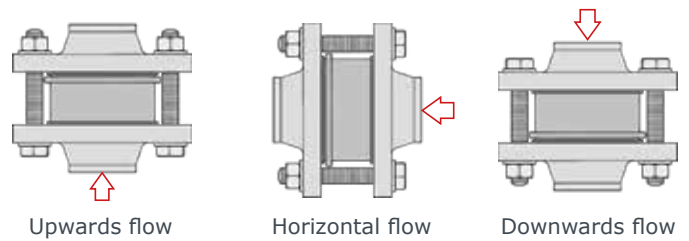


GH 011 - GH 015 DN 125- 200 • 5" - 8"

Features and Advantages

Little dimensions and low weights.
Face to face acc. to **DIN EN 558 Series 49 (DIN 3202 K4)**. Opening pressure from 10 to 500 mBar.
Usable also as vacuum breaker, overpressure and bottom valve.
Leakage:
according to EN 12266-1 Rate A with soft seat,
according to EN 12266-1 Rate E with metal seat.
Low head losses.

To be installed in any position



GH 011 - GH 015

P max: 25 Bar

Flange:

DN 125÷200 PN 10÷25, A150

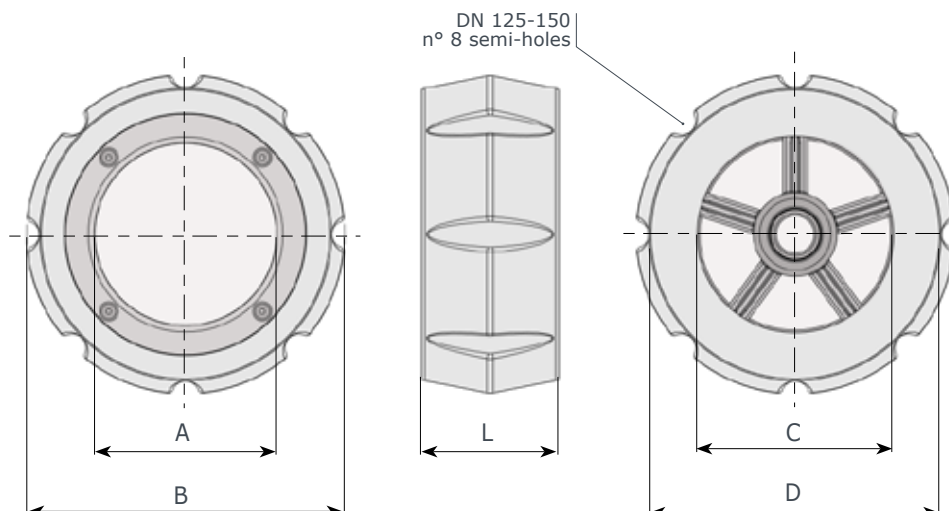
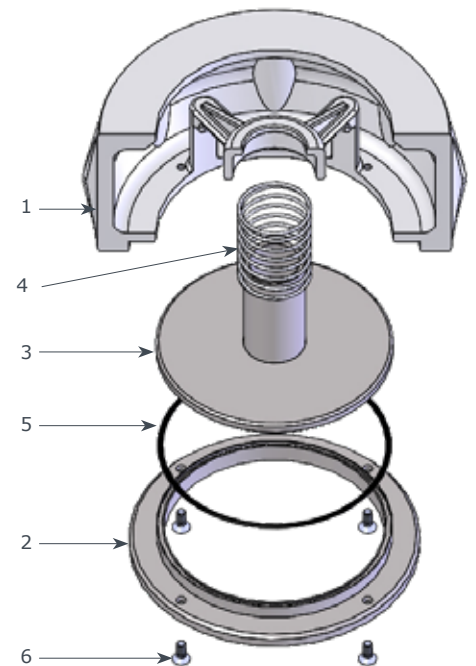
Faces final quality: AARH 250/500

This type of valve cannot be used with spirometallic packing.

Certifications:



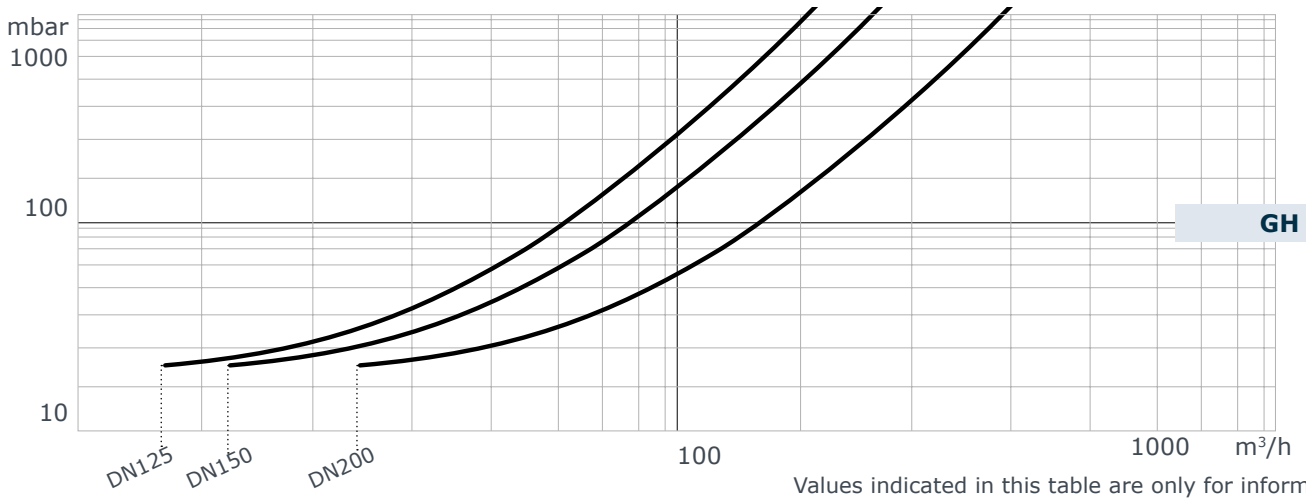
item	q.ty	part	GH 011	GH 015
			material	material
1	1	body	• ASTM A216 WCB	• EN 1.4408 (A351 CF8M)
2	1	seat	• EN 1.4404 (A316L)	• EN 1.4404 (A316L)
3	1	disc	• EN 1.4404 (A316L)	• EN 1.4404 (A316L)
4	1	spring- standard on request	• EN 1.4401 (A316)	• EN 1.4401 (A316) • Hastelloy C276
5	1	O-Ring	• NBR • EPDM • FKM • PTFE	• NBR • EPDM • FKM • PTFE
6	4	screw	• A4 (A316)	• A4 (A316)



DN	125	150	200
A	120	140	183
B	210	242	273
C	125	150	200
D	192	220	-
L	90	106	140
Kg	8.2	12.5	18.6

GH 011 - GH 015

Head losses (H2O - 20°C - horizontal flow, standard spring)



Formula for calculation of equivalent flow rate to H2O

$$Q_e = Q \sqrt{\frac{d}{1000}}$$

For different liquid, gas or steam head losses are determined by equivalent water flow rate, as follows:

Q_e equivalent water flow (m^3/h o l/s)

Q fluid flow (m^3/h o l/s)

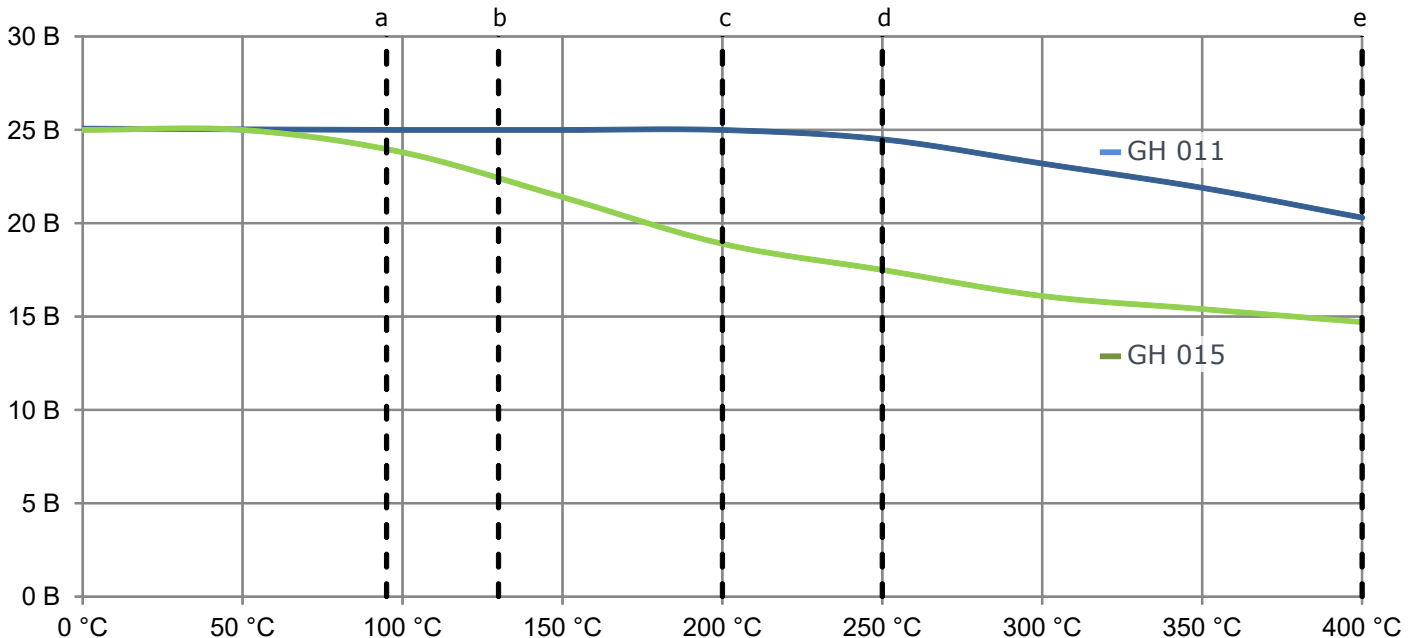
d fluid specific gravity (Kg/m^3)

Temperature - pressure diagram

- a NBR seat $T_{max} = 95^\circ C$
- b EPDM seat $T_{max} = 130^\circ C$
- c FKM/PTFE seat $T_{max} = 200^\circ C$

d Metallic seat with EN 1.4401 (A316) spring $T_{max} = 250^\circ C$

e Metallic seat with HASTELLOY C276 spring $T_{max} = 400^\circ C$



Minimum opening pressure with standard springs

flow	DN	125	150	200	flow	DN	125	150	200
△	mBar	34	36	36	▽	mBar	17	18	18
▷	mBar	22	23	27	△ without spring	mBar	8	9	10