

GAS TRAIN EQUIPMENT

CAVAGNA INDUSTRIE®

WHERE WE ARE

We believe in Quality, we contribute to increase the Italian Technology and the Style that countersigns the excellence of Italy all over the world.



3 PRODUCTION UNITS IN ITALY

SALES ALL OVER THE WORLD

EXPORTING TO 91 COUNTRIES





GAS GOVERNORS



GAS FILTERS



AUTOMATIC GAS VALVES



AUTOMATIC GAS VALVES - BRASS BODY

gas train equipment

gas safety at its best



RELIEF VALVES



GAS SOLENOID VALVES MANUAL RESET



PRESSURE GAUGES



BALL VALVES

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Gas Governors

» Spring-loaded governors, are designed and built according to UNI EN 88 class A - group 2 specifications, can be used for all the types of natural gas LPG or not corrosive gases. These regulators are widely used in supply lines for mixed and combined burners and in the piped distribution of methane gas and LPG in both industrial and non-industrial applications. Spring-loaded/ governors are self-acting type with balanced obturator and double safety diaphragm. The double diaphragm allow to use the device within the cabinet, without connecting an external pipe venting.

Gas Governors

GAS GOVERNOR 500 MBAR

GAS GOVERNOR 1/2", 3/4", 1" – Pmax 500 mbar p. 10

GAS GOVERNOR 1 1/4", 1 1/2" – Pmax 500 mbar p. 12

GAS GOVERNOR 2" – Pmax 500 mbar p. 14

GAS GOVERNOR DN656, DN80, DN100
Pmax 500 mbar p. 16

GAS GOVERNOR 1 BAR

GAS GOVERNOR 1/2", 3/4" and 1" – Pmax 1 bar p. 18

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GAS GOVERNOR 2" – Pmax 1 bar p. 22

GAS GOVERNOR DN656, DN80, DN100
Pmax 1 bar p. 24

GAS GOVERNOR 2 BAR

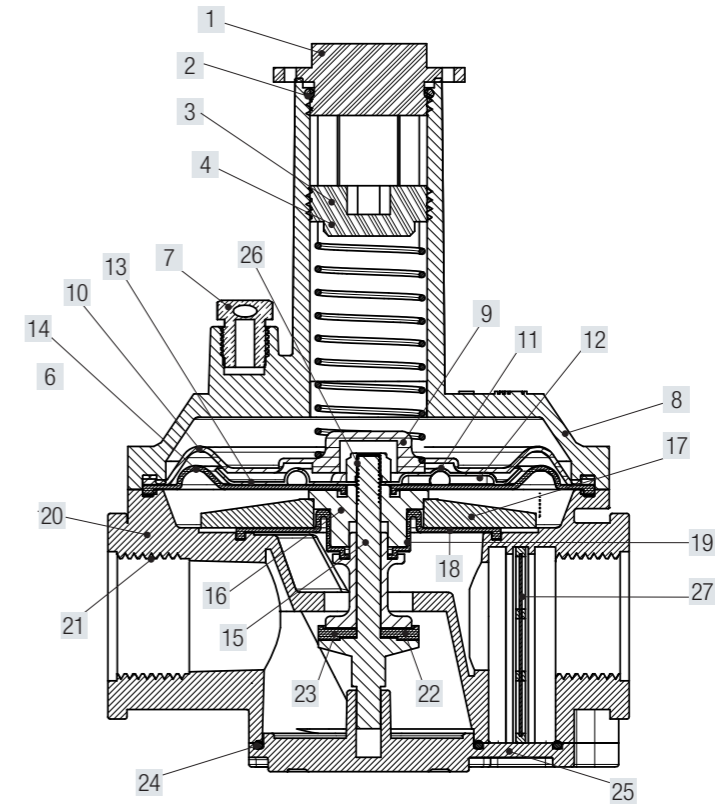
GAS GOVERNOR 1/2", 3/4" and 1" – Pmax 2 bar p. 26

GAS GOVERNOR 1 1/4", 1 1/2" – Pmax 2 bar p. 28

GAS GOVERNOR 2" – Pmax 2 bar p. 30

GAS GOVERNOR DN656, DN80, DN100
Pmax 2 bar p. 32

GAS GOVERNOR 1/2", 3/4", 1" – Pmax 500 mbar



Code	Description	Dimension	Pmax
RG015	Gas Governor	1/2"	500 mbar
RG020	Gas Governor	3/4"	500 mbar
RG025	Gas Governor	1"	500 mbar
RGD25	Gas Governor	DN25	500 mbar
RG015-FT	Gas Governor with filter	1/2"	500 mbar
RG020-FT	Gas Governor with filter	3/4"	500 mbar
RG025-FT	Gas Governor with filter	1"	500 mbar
RGD25-FT	Gas Governor with filter	DN25	500 mbar
RG015-TPIO	Gas Governor with test point in/out	1/2"	500 mbar
RG020-TPIO	Gas Governor with test point in/out	3/4"	500 mbar
RG025-TPIO	Gas Governor with test point in/out	1"	500 mbar
RGD25-TPIO	Gas Governor with test point in/out	DN25	500 mbar
RG015-FT-TPIO	Gas Governor with filter and test point in/out	1/2"	500 mbar
RG020-FT-TPIO	Gas Governor with filter and test point in/out	3/4"	500 mbar
RG025-FT-TPIO	Gas Governor with filter and test point in/out	1"	500 mbar
RGD25-FT-TPIO	Gas Governor with filter and test point in/out	DN25	500 mbar

TECHNICAL FEATURES

Pmax	inlet max – 500 mbar
Setting outlet	10 – 130 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Plastic cartridge
Inlet - Outlet Connection	Thread gas 1/2", 3/4", 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-1:2011

Materials:

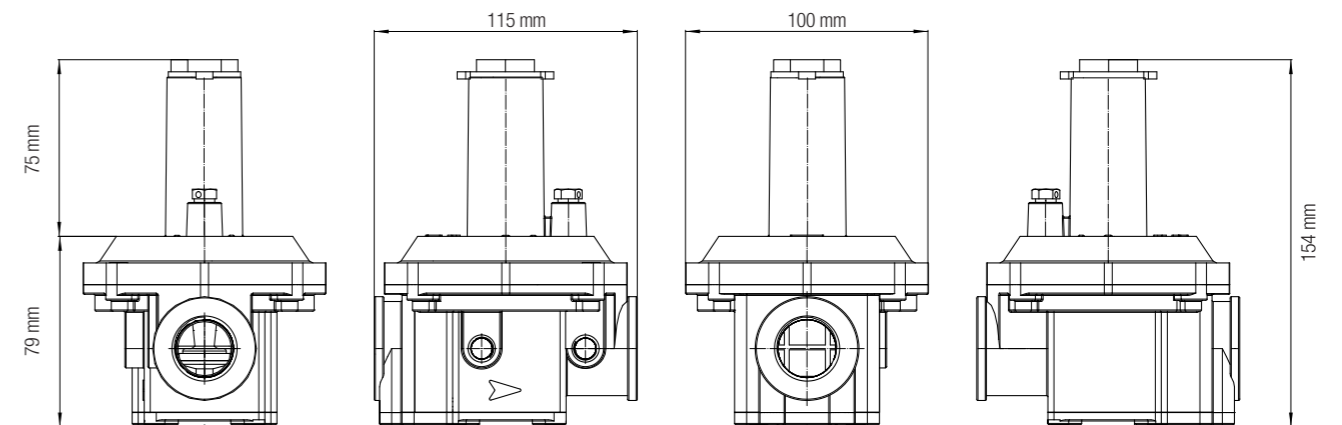
Complete Body	Die – Cast Aluminium Gd – AISi12Cu – EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	Yellow POM / Pa 66 + 25% Gf

Code:

	Color	Range mbar
SPW1-5	White	5 - 14 mbar
SPY1-5	Yellow	6 - 22 mbar
SPN1-5	Neutral	10 - 27 mbar
SPR1-5	Red	28 - 70 mbar
SPBK1-5	Black	60 - 130 mbar

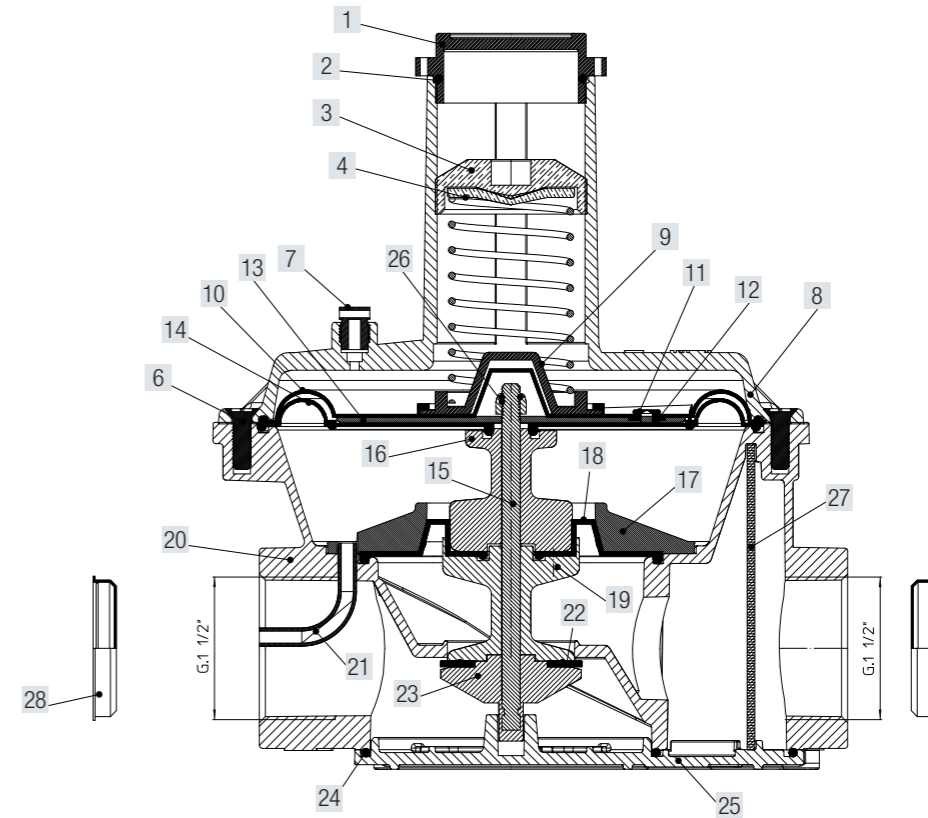
1	Seal cap
2	O ring
3	Spring compressor
4	Washer
6	Screws
7	Vent cap
8	Upper cover
9	Plastic Washer
10	Safety diaphragm
11	Calibrated nozzle
12	Washer
13	Disc
14	Compensation diaphragm

15	Shaft
16	Upper bush
17	Disc
18	Working diaphragm
19	Lower bush
20	Body
21	Sensing tube
22	Seal washer
23	Plastic ring
24	Gasket
25	Cover
26	Nut
27	Filter cartridge



Dimension	1/2"	3/4"	1"
WEIGHT (kgs)	0,720	0,688	0,663

GAS GOVERNOR 1 ¼", 1 ½" – Pmax 500 mbar



Code	Description	Dimension	Pmax
RG032	Gas Governor	1 ¼"	500 mbar
RG040	Gas Governor	1 ½"	500 mbar
RGD32	Gas Governor	DN32	500 mbar
RGD40	Gas Governor	DN40	500 mbar
RG032-FT	Gas Governor with filter	1 ¼"	500 mbar
RG040-FT	Gas Governor with filter	1 ½"	500 mbar
RGD32-FT	Gas Governor with filter	DN32	500 mbar
RGD40-FT	Gas Governor with filter	DN40	500 mbar
RG032-TPIO	Gas Governor with test point in/out	1 ¼"	500 mbar
RG040-TPIO	Gas Governor with test point in/out	1 ½"	500 mbar
RGD32-TPIO	Gas Governor with test point in/out	DN32	500 mbar
RGD40-TPIO	Gas Governor with test point in/out	DN40	500 mbar
RG032-FT-TPIO	Gas Governor with filter and test point in/out	1 ¼"	500 mbar
RG040-FT-TPIO	Gas Governor with filter and test point in/out	1 ½"	500 mbar
RGD32-FT-TPIO	Gas Governor with filter and test point in/out	DN32	500 mbar
RGD40-FT-TPIO	Gas Governor with filter and test point in/out	DN32	500 mbar

TECHNICAL FEATURES

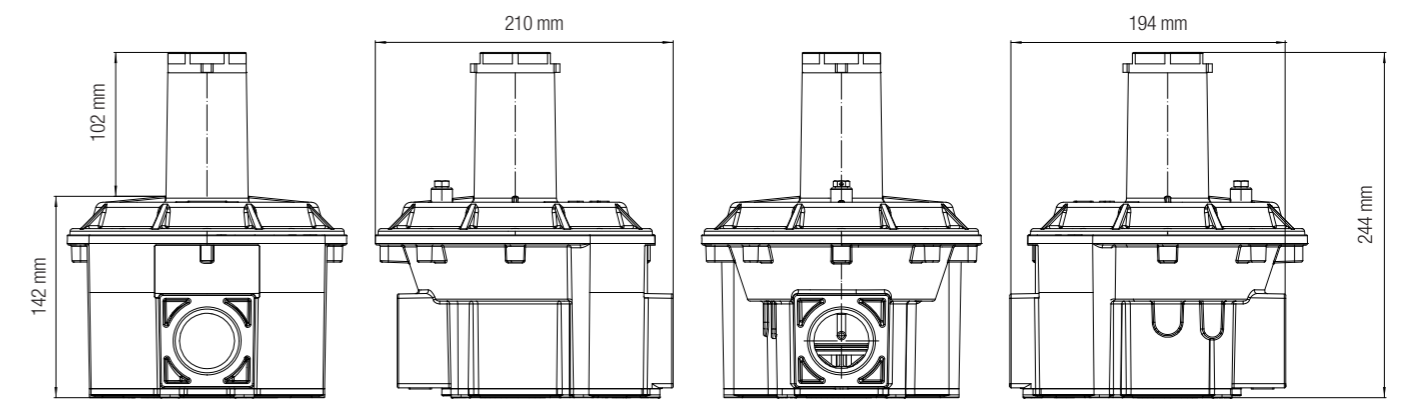
Pmax	inlet max – 500 mbar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Thread gas 1 ¼" 1 ½" - ISO 228 DN32 - DN40 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-1:2011

Materials:

Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

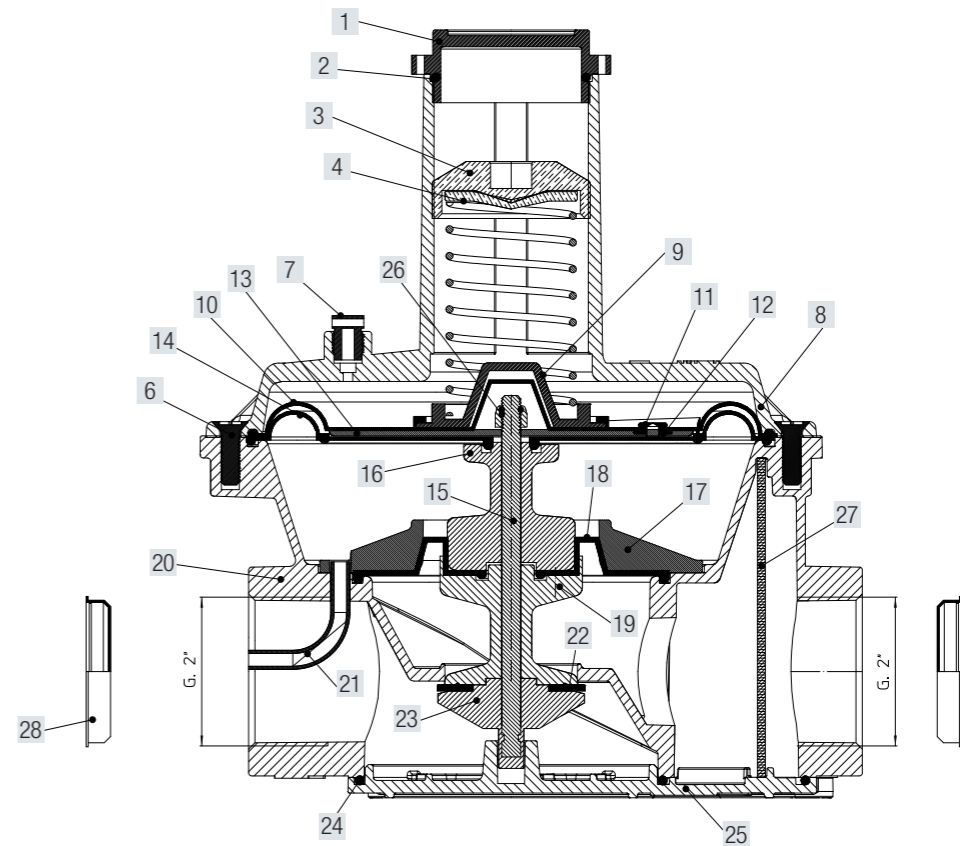
Code:	Color	Range mbar
SPW2-5	White	5 - 14 mbar
SPY2-5	Yellow	6 - 22 mbar
SPN2-5	Neutral	10 - 27 mbar
SPR2-5	Red	28 - 70 mbar
SPBK2-5	Black	60 - 130 mbar
SPB2-5	Blue	120 - 300 mbar

1	Seal cap	15	Shaft
2	O ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge
		28	Screw cover



Dimension	1 ¼"	1 ½"
WEIGHT (kgs)	3,140	3,060

GAS GOVERNOR 2" – Pmax 500 mbar



Code	Description	Dimension	Pmax
RG050	Gas Governor	2"	500 mbar
RGD50	Gas Governor	DN50	500 mbar
RG050-FT	Gas Governor with filter	2"	500 mbar
RGD50-FT	Gas Governor with filter	DN50	500 mbar
RG050-TPIO	Gas Governor with test point in/out	2"	500 mbar
RGD50-TPIO	Gas Governor with test point in/out	DN50	500 mbar
RG050-FT-TPIO	Gas Governor with filter and test point in/out	2"	500 mbar
RGD50-FT-TPIO	Gas Governor with filter and test point in/out	DN50	500 mbar

TECHNICAL FEATURES

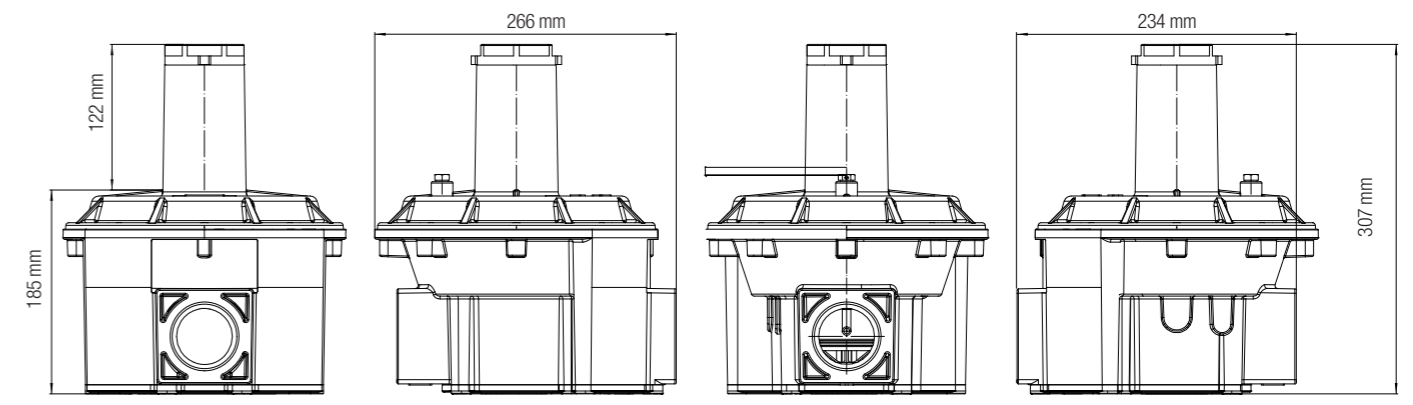
Pmax	inlet max – 500 mbar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Viledon cartridge
Inlet- Outlet Connection	Thread gas 2" - ISO 228 DN50 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-1:2011

Materials:

Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

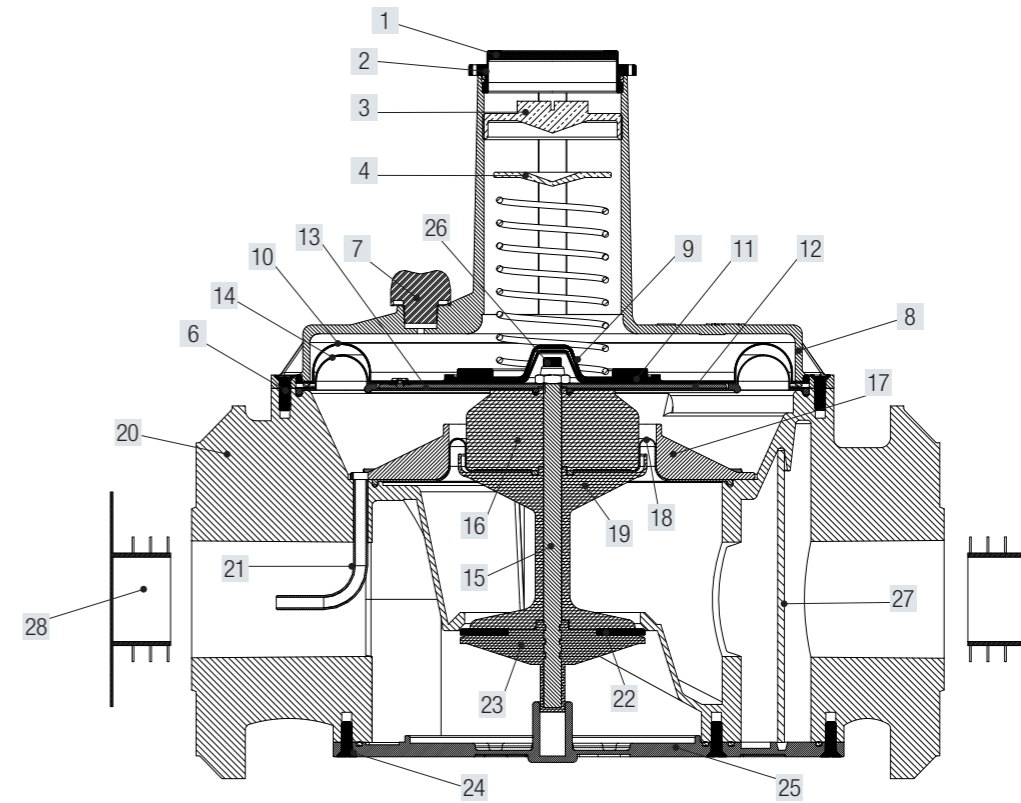
Code:	Color	Range mbar
SPW3-5	White	5 - 14 mbar
SPY3-5	Yellow	6 - 22 mbar
SPN3-5	Neutral	10 - 27 mbar
SPR3-5	Red	28 - 70 mbar
SPBK3-5	Black	60 - 130 mbar
SPB3-5	Blue	120 - 300 mbar

1	Seal cap	15	Shaft
2	O ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge
		28	Screw cover



Dimension	2"
WEIGHT (kgs)	5,8

GAS GOVERNOR DN65, DN80, DN100 - Pmax 500 mbar



Code	Description	Dimension	Pmax
RGD65	Gas Governor	DN65	500 mbar
RGD80	Gas Governor	DN80	500 mbar
RGD100	Gas Governor	DN100	500 mbar
RGD65 - FT	Gas Governor with filter	DN65	500 mbar
RGD80 - FT	Gas Governor with filter	DN80	500 mbar
RGD100 - FT	Gas Governor with filter	DN100	500 mbar
RGD65 - TPIO	Gas Governor with test point in/out	DN65	500 mbar
RGD80 - TPIO	Gas Governor with test point in/out	DN80	500 mbar
RGD100 - TPIO	Gas Governor with test point in/out	DN100	500 mbar
RGD65 - FT - TPIO	Gas Governor with filter and test point in/out	DN65	500 mbar
RGD80 - FT - TPIO	Gas Governor with filter and test point in/out	DN80	500 mbar
RGD100 - FT - TPIO	Gas Governor with filter and test point in/out	DN100	500 mbar

TECHNICAL FEATURES

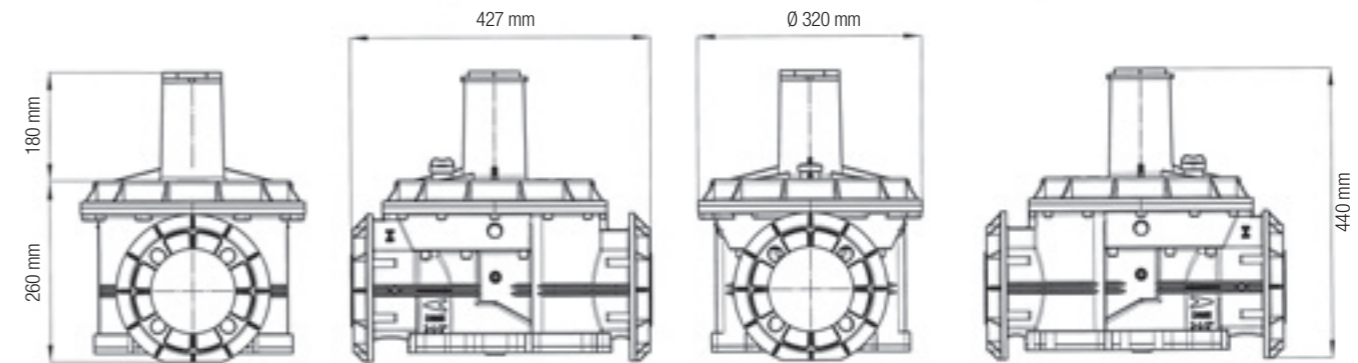
Pmax	inlet max – 500 mbar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Flanged connection DN65 DN80 - DN100 - PN16
Test point	Inlet / outlet on request – Test point 1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008

Materials:

Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

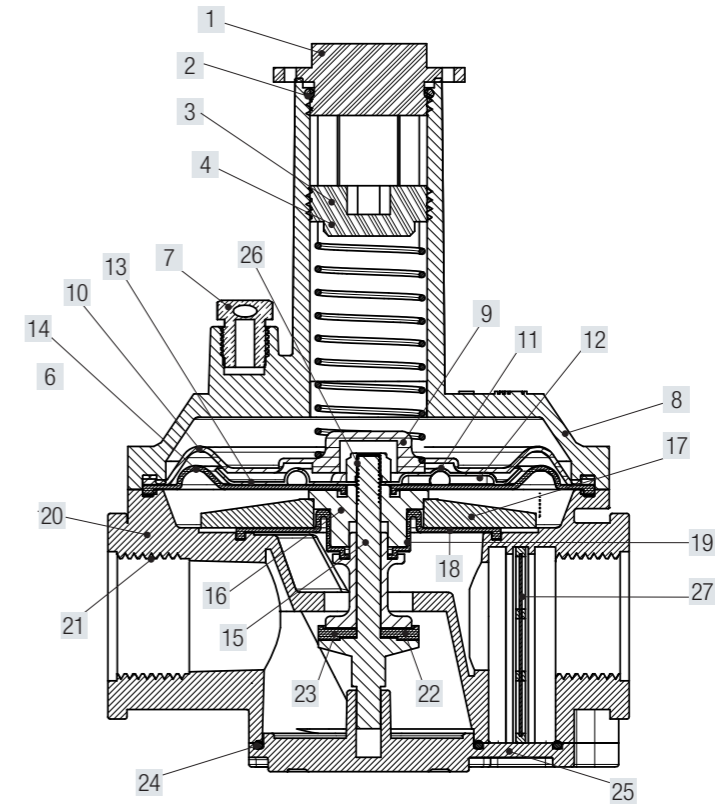
Spring Range:	Color	Range mbar
	White	5 - 14 mbar
	Yellow	6 - 22 mbar
	Neutral	10 - 27 mbar
	Red	28 - 70 mbar
	Black	60 - 130 mbar
	Blue	120 - 300 mbar

1	Seal cap	15	Shaft
2	O ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge
		28	Screw cover



Dimension	DN65	DN80	DN100
WEIGHT (kgs)	16	15,3	14,6

GAS GOVERNOR 1/2", 3/4" and 1" – Pmax 1 bar



Code	Description	Dimension	Pmax
RG015-1B	Gas Governor	1/2"	1 bar
RG020-1B	Gas Governor	3/4"	1 bar
RG025-1B	Gas Governor	1"	1 bar
RGD25-1B	Gas Governor	DN25	1 bar
RG015-FT-1B	Gas Governor with filter	1/2"	1 bar
RG020-FT-1B	Gas Governor with filter	3/4"	1 bar
RG025-FT-1B	Gas Governor with filter	1"	1 bar
RGD25-FT-1B	Gas Governor with filter	DN25	1 bar
RG015-1B-TPIO	Gas Governor with test point in/out	1/2"	1 bar
RG020-1B-TPIO	Gas Governor with test point in/out	3/4"	1 bar
RG025-1B-TPIO	Gas Governor with test point in/out	1"	1 bar
RG015-FT-1B-TPIO	Gas Governor with filter and test point in/out	1/2"	1 bar
RG020-FT-1B-TPIO	Gas Governor with filter and test point in/out	3/4"	1 bar
RG025-FT-1B-TPIO	Gas Governor with filter and test point in/out	1"	1 bar

TECHNICAL FEATURES

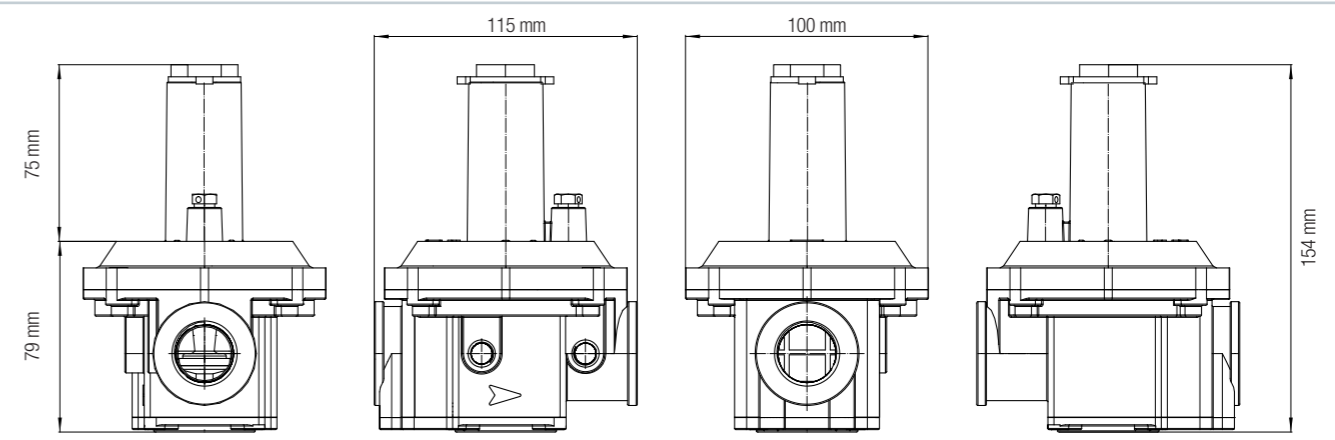
Pmax	inlet max – 1 mbar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm –
Inlet - Outlet Connection	Thread gas 1/2", 3/4" 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008

Materials:

Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	Yellow POM / Pa 66 + 25% Gf

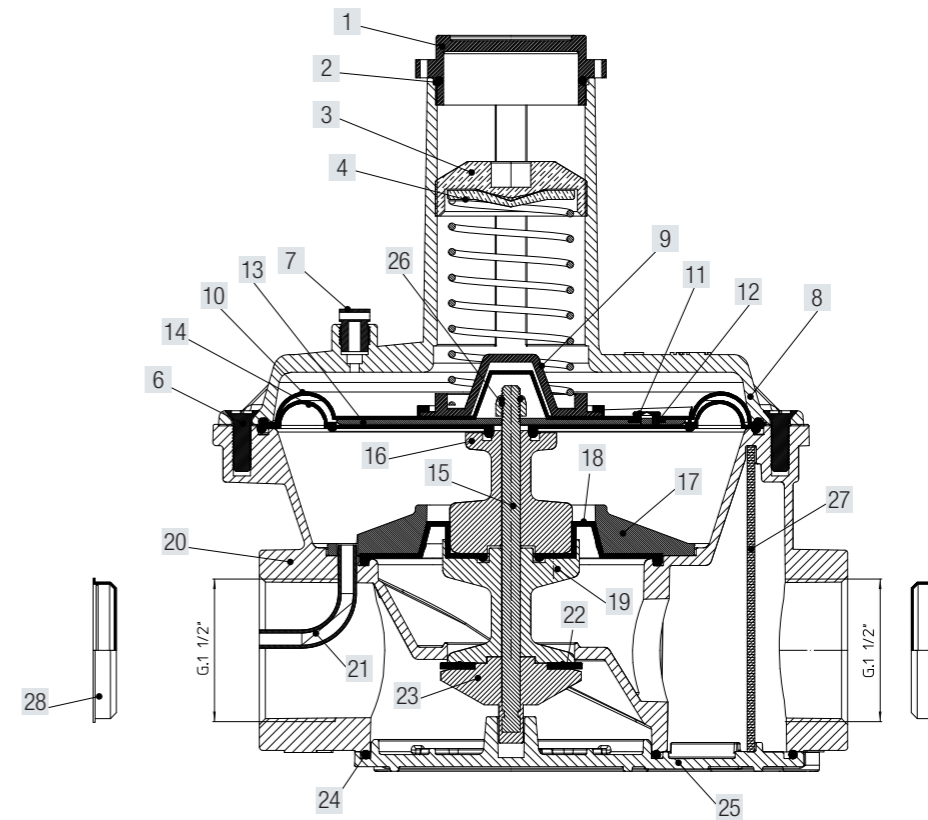
Code:	Color	Range mbar
SPY1-12	Yellow	6 - 22 mbar
SPN1-12	Neutral	10 - 27 mbar
SPR1-12	Red	28 - 70 mbar

1	Seal cap	15	Shaft
2	O ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge



Dimension	1/2"	3/4"	1"
WEIGHT (kgs)	0,720	0,688	0,663

GAS GOVERNOR 1 ¼", 1 ½" – Pmax 1 bar



Code	Description	Dimension	Pmax
RG032-1B	Gas Governor	1 ¼"	1 bar
RG040-1B	Gas Governor	1 ½"	1 bar
RGD32-1B	Gas Governor	DN32	1 bar
RGD40-1B	Gas Governor	DN40	1 bar
RG032-FT-1B	Gas Governor with filter	1 ¼"	1 bar
RG040-FT-1B	Gas Governor with filter	1 ½"	1 bar
RGD32-FT-1B	Gas Governor with filter	DN32	1 bar
RGD40-FT-1B	Gas Governor with filter	DN40	1 bar
RG032-1B-TPIO	Gas Governor with test point in/out	1 ¼"	1 bar
RG040-1B-TPIO	Gas Governor with test point in/out	1 ½"	1 bar
RGD32-1B-TPIO	Gas Governor with test point in/out	DN32	1 bar
RGD40-1B-TPIO	Gas Governor with test point in/out	DN40	1 bar
RG032-FT-1B-TPIO	Gas Governor with filter and test point in/out	1 ¼"	1 bar
RG040-FT-1B-TPIO	Gas Governor with filter and test point in/out	1 ½"	1 bar
RGD32-FT-1B-TPIO	Gas Governor with filter and test point in/out	DN32	1 bar
RGD40-FT-1B-TPIO	Gas Governor with filter and test point in/out	DN40	1 bar

TECHNICAL FEATURES

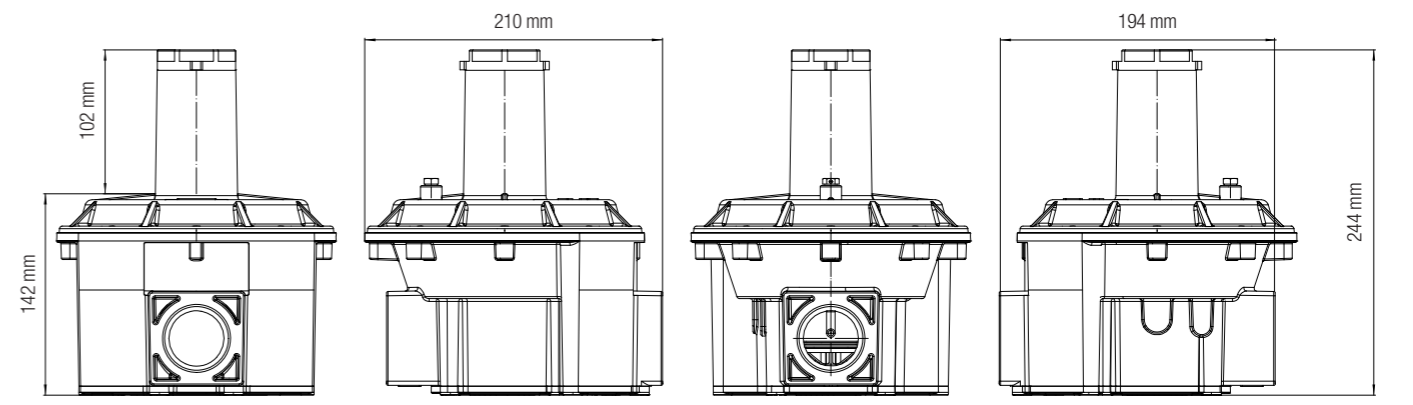
Pmax	inlet max – 1 bar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Thread gas 1 ¼" 1 ½" - ISO 228 DN32 DN40 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008

Materials:

Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

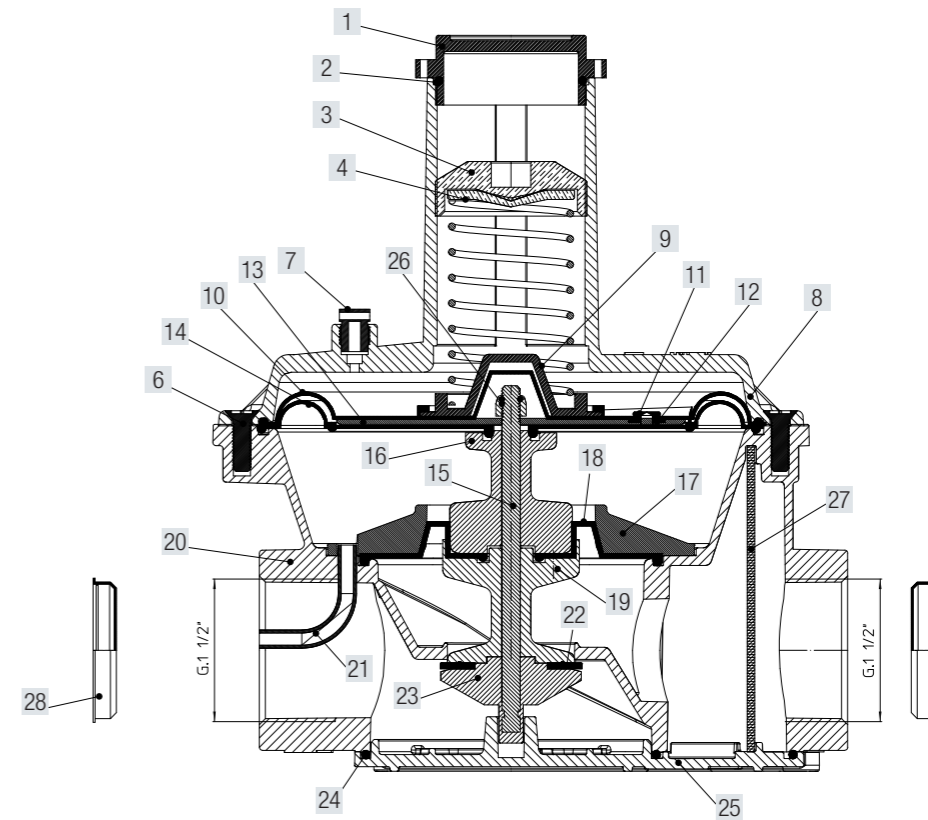
Code:	Color	Range mbar
SPY2-12	Yellow	6 - 22 mbar
SPN2-12	Neutral	10 - 27 mbar
SPR2-12	Red	28 - 70 mbar
SPBK2-12	Black	60 - 130 mbar

1	Seal cap	15	Shaft
2	O ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge
		28	Screw cover



Dimension	1 ¼"	1 ½"
WEIGHT (kgs)	3,140	3,060

GAS GOVERNOR 2" – Pmax 1 bar



Code	Description	Dimension	Pmax
RG050-1B	Gas Governor	2"	1 bar
RGD50-1B	Gas Governor	DN50	1 bar
RG050-FT-1B	Gas Governor with filter	2"	1 bar
RGD50-FT-1B	Gas Governor with filter	DN50	1 bar
RG050-1B-TPIO	Gas Governor with test point in/out	2"	1 bar
RGD50-1B-TPIO	Gas Governor with test point in/out	DN50	1 bar
RG050-FT-1B-TPIO	Gas Governor with filter and test point in/out	2"	1 bar
RGD50-FT-1B-TPIO	Gas Governor with filter and test point in/out	DN50	1 bar

TECHNICAL FEATURES

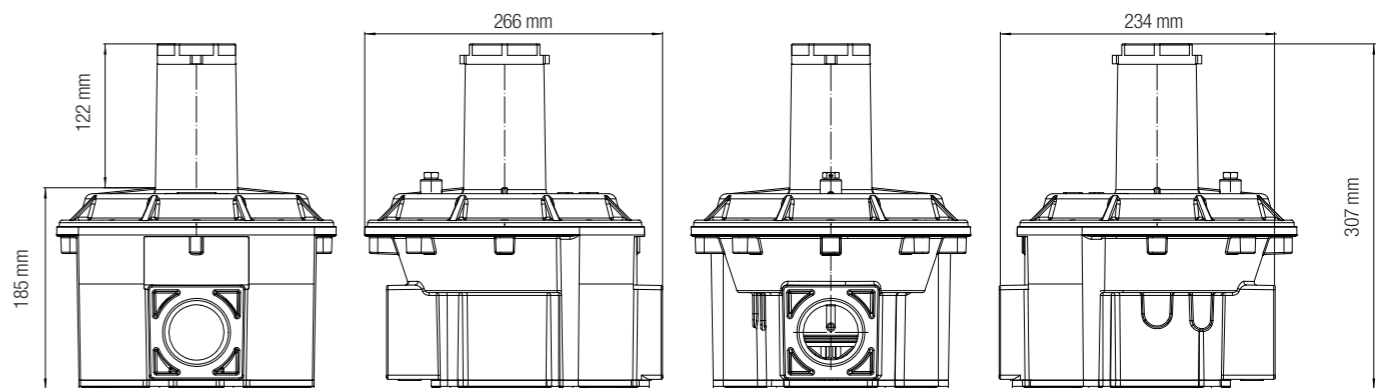
Pmax	inlet max – 1 bar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Thread gas 2" - ISO 228 DN50 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008

Materials:

Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

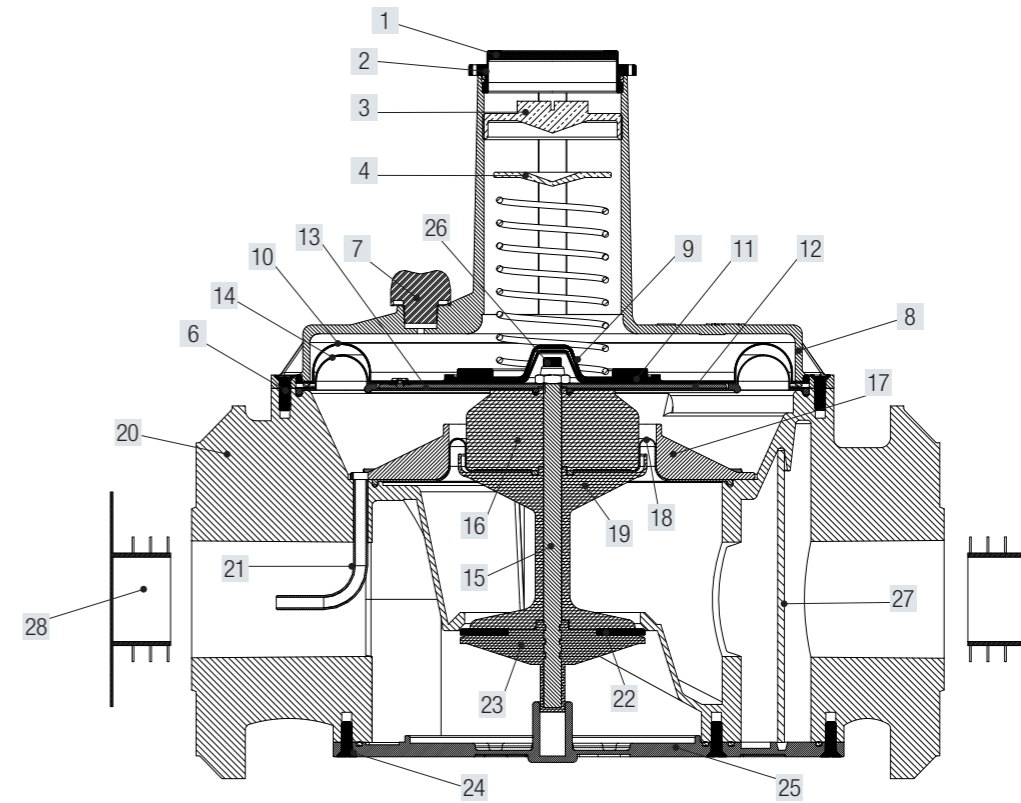
Code:	Color	Range mbar
SPY3-12	Yellow	6 - 22 mbar
SPN3-12	Neutral	10 - 27 mbar
SPR3-12	Red	28 - 70 mbar
SPBK3-12	Black	60 - 130 mbar

1	Seal cap	15	Shaft
2	O ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge
		28	Screw cover



Dimension	2"
WEIGHT (kgs)	5,8

GAS GOVERNOR DN65, DN80, DN100 - Pmax 1 bar



Code	Description	Dimension	Pmax
RGD65 - 1B	Gas Governor	DN65	1 bar
RGD80 - 1B	Gas Governor	DN80	1 bar
RGD100 - 1B	Gas Governor	DN100	1 bar
RGD65 - FT - 1B	Gas Governor with filter	DN65	1 bar
RGD80 - FT - 1B	Gas Governor with filter	DN80	1 bar
RGD100 - FT - 1B	Gas Governor with filter	DN100	1 bar
RGD65 - 1B - TPIO	Gas Governor with test point in/out	DN65	1 bar
RGD80 - 1B - TPIO	Gas Governor with test point in/out	DN80	1 bar
RGD100 - 1B - TPIO	Gas Governor with test point in/out	DN100	1 bar
RGD65 - FT - 1B - TPIO	Gas Governor with filter and test point in/out	DN65	1 bar
RGD80 - FT - 1B - TPIO	Gas Governor with filter and test point in/out	DN80	1 bar
RGD100 - FT - 1B - TPIO	Gas Governor with filter and test point in/out	DN100	1 bar

TECHNICAL FEATURES

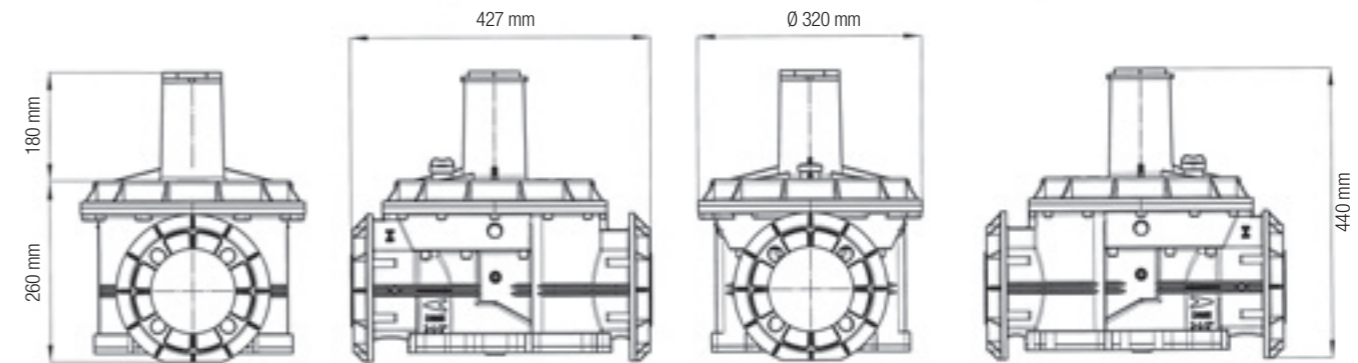
Pmax	inlet max – 1 bar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Flanged connection DN65 DN80 - DN100 - PN16
Test point	Inlet / outlet on request – Test point 1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008

Materials:

Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

Spring Range:	Color	Range mbar
	White	5 - 14 mbar
	Yellow	6 - 22 mbar
	Neutral	10 - 27 mbar
	Red	28 - 70 mbar
	Black	60 - 130 mbar

1	Seal cap	15	Shaft
2	O-Ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge
		28	Screw cover



Dimension	DN65	DN80	DN100
WEIGHT (kgs)	16	15,3	14,6

GAS GOVERNOR 1/2", 3/4" and 1" – Pmax 2 bar

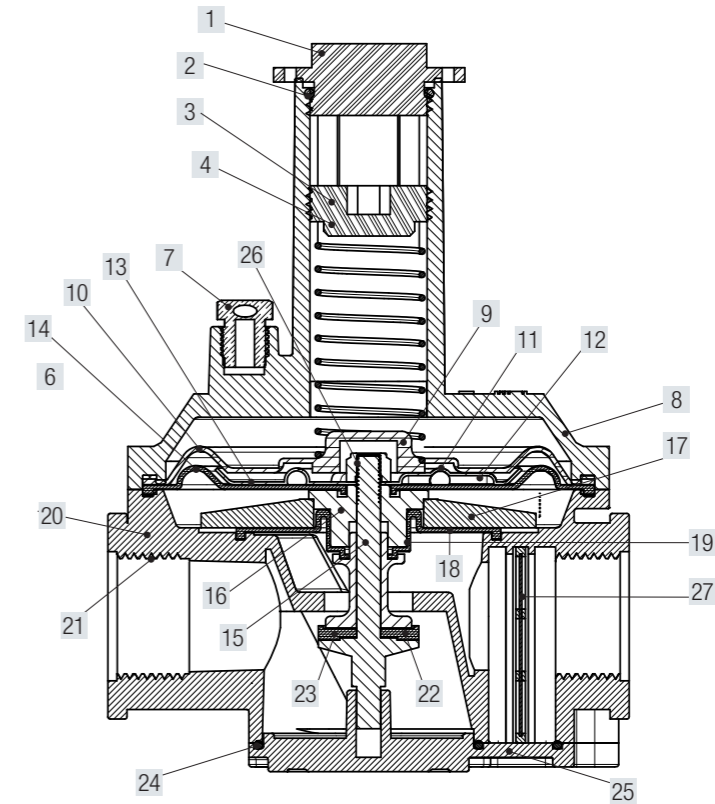


Code	Description	Dimension	Pmax
RG015-2B	Gas Governor	1/2"	2 bar
RG020-2B	Gas Governor	3/4"	2 bar
RG025-2B	Gas Governor	1"	2 bar
RGD25-2B	Gas Governor	1"	2 bar
RG015-FT-2B	Gas Governor with filter	1/2"	2 bar
RG020-FT-2B	Gas Governor with filter	3/4"	2 bar
RG025-FT-2B	Gas Governor with filter	1"	2 bar
RGD25-FT-2B	Gas Governor with filter	DN25	2 bar
RG015-2B-TPIO	Gas Governor with test point in/out	1/2"	2 bar
RG020-2B-TPIO	Gas Governor with test point in/out	3/4"	2 bar
RG025-2B-TPIO	Gas Governor with test point in/out	1"	2 bar
RG015-FT-2B-TPIO	Gas Governor with filter and test point in/out	1/2"	2 bar
RG020-FT-2B-TPIO	Gas Governor with filter and test point in/out	3/4"	2 bar
RG025-FT-2B-TPIO	Gas Governor with filter and test point in/out	1"	2 bar

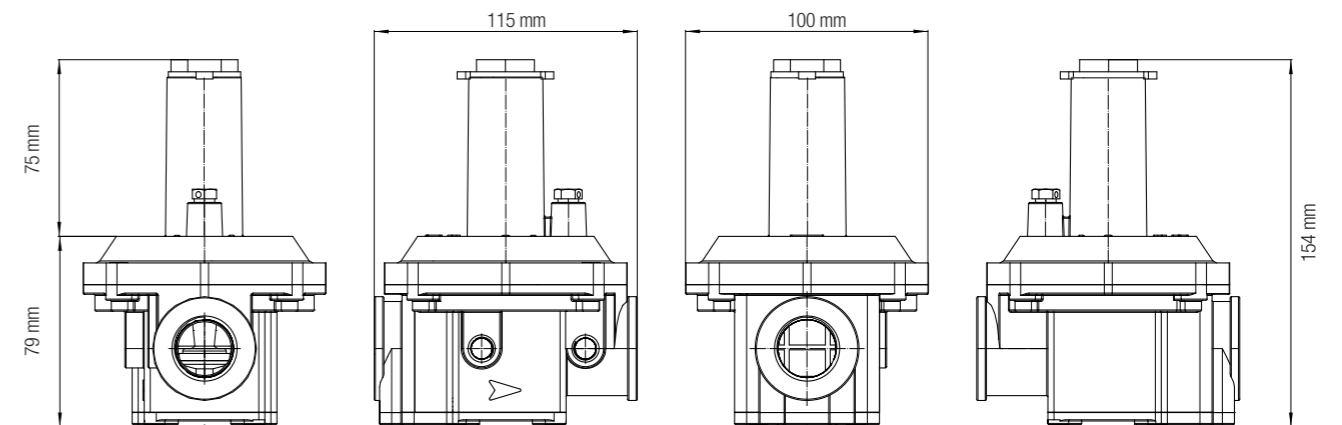
TECHNICAL FEATURES

Pmax	inlet max – 2 bar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm –
Inlet - Outlet Connection	Thread gas 1/2", 3/4" 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008
Materials:	
Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	Yellow POM / Pa 66 + 25% Gf

Code:	Color	Range mbar
SPY1-12	Yellow	6 - 22 mbar
SPN1-12	Neutral	10 - 27 mbar
SPR1-12	Red	28 - 70 mbar

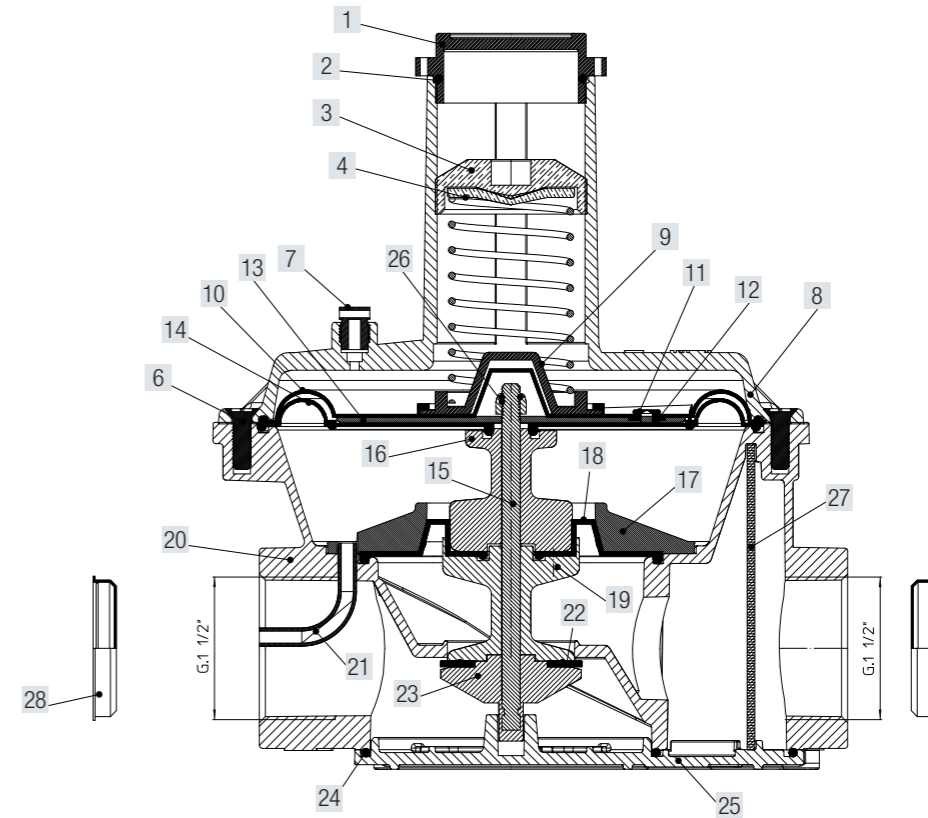


1	Seal cap	15	Shaft
2	O ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge



Dimension	1/2"	3/4"	1"
WEIGHT (kgs)	0,720	0,688	0,663

GAS GOVERNOR 1 ¼", 1 ½" – Pmax 2 bar



Code	Description	Dimension	Pmax
RG032-2B	Gas Governor	1 ¼"	2 bar
RG040-2B	Gas Governor	1 ½"	2 bar
RGD32-2B	Gas Governor	DN32	2 bar
RGD40-2B	Gas Governor	DN40	2 bar
RG032-FT-2B	Gas Governor with filter	1 ¼"	2 bar
RG040-FT-2B	Gas Governor with filter	1 ½"	2 bar
RGD32-FT-2B	Gas Governor with filter	DN32	2 bar
RGD40-FT-2B	Gas Governor with filter	DN40	2 bar
RG032-2B-TPIO	Gas Governor with test point in/out	1 ¼"	2 bar
RG040-2B-TPIO	Gas Governor with test point in/out	1 ½"	2 bar
RGD32-2B-TPIO	Gas Governor with test point in/out	DN32	2 bar
RGD40-2B-TPIO	Gas Governor with test point in/out	DN40	2 bar
RG032-FT-2B-TPIO	Gas Governor with filter test point in/out	1 ¼"	2 bar
RG040-FT-2B-TPIO	Gas Governor with filter test point in/out	1 ½"	2 bar
RGD32-FT-2B-TPIO	Gas Governor with filter test point in/out	DN32	2 bar
RGD40-FT-2B-TPIO	Gas Governor with filter test point in/out	DN40	2 bar

TECHNICAL FEATURES

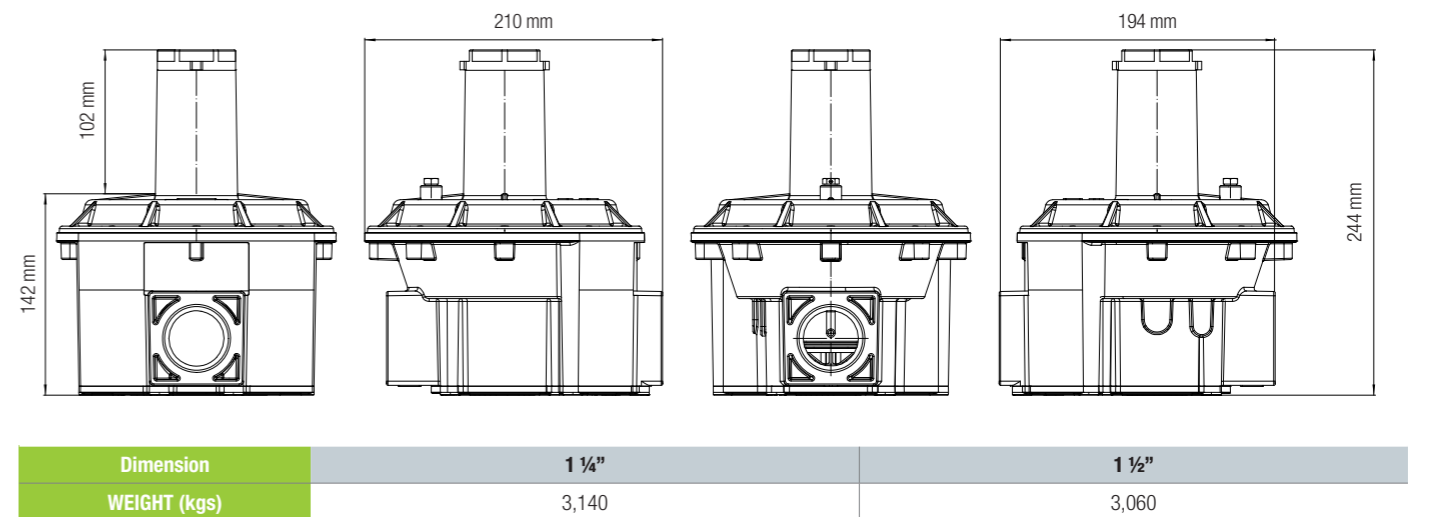
Pmax	inlet max – 2 bar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Thread gas 1 ¼" 1 ½" - ISO 228 DN32 DN40 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008

Materials:

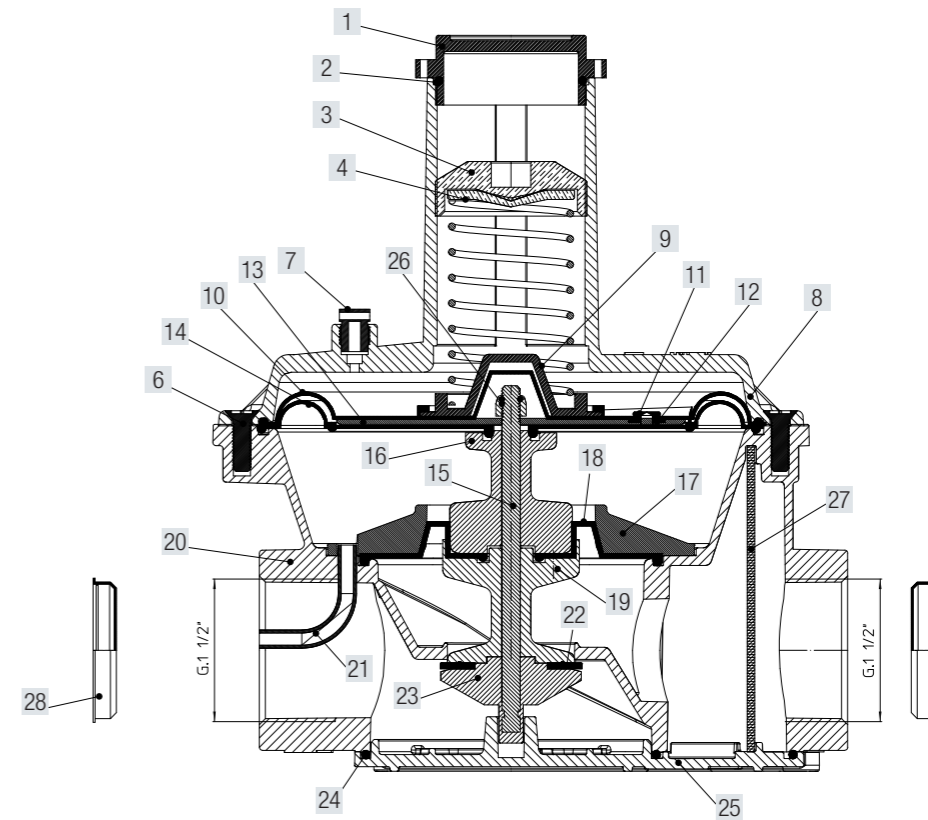
Complete Body	Die – Cast Aluminium Gd – AISI12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

Code:	Color	Range mbar
SPY2-12	Yellow	6 - 22 mbar
SPN2-12	Neutral	10 - 27 mbar
SPR2-12	Red	28 - 70 mbar
SPBK2-12	Black	60 - 130 mbar

1	Seal cap	15	Shaft
2	O ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge
		28	Screw cover



GAS GOVERNOR 2" – Pmax 2 bar



Code	Description	Dimension	Pmax
RG050-2B	Gas Governor	2"	2 bar
RGD50-2B	Gas Governor	DN50	2 bar
RG050-FT-2B	Gas Governor with filter	2"	2 bar
RGD50-FT-2B	Gas Governor with filter	DN50	2 bar
RG050-2B-TPIO	Gas Governor with test point in/out	2"	2 bar
RGD50-2B-TPIO	Gas Governor with test point in/out	DN50	2 bar
RG050-FT-2B-TPIO	Gas Governor with filter and test point in/out	2"	2 bar
RGD50-FT-2B-TPIO	Gas Governor with filter and test point in/out	DN50	2 bar

TECHNICAL FEATURES

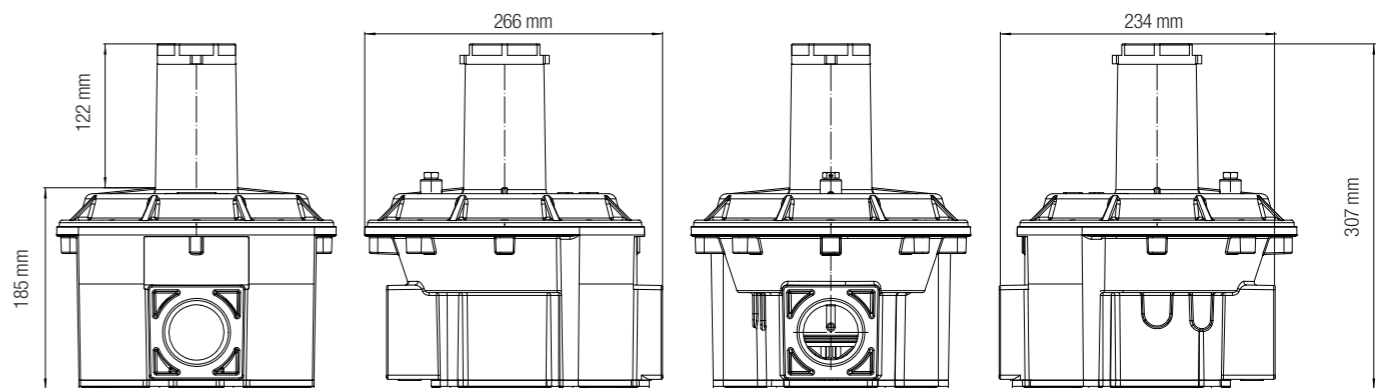
Pmax	inlet max – 2 bar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Thread gas 2" - ISO 228 DN50 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008

Materials:

Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

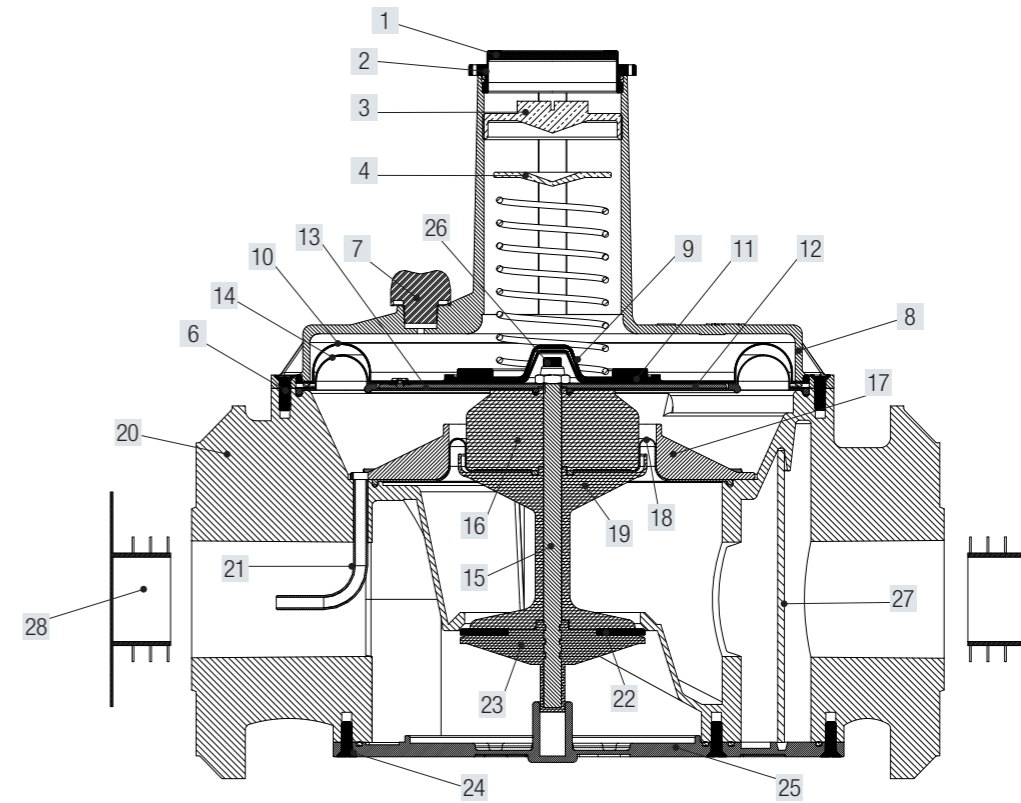
Code:	Color	Range mbar
SPY3-12	Yellow	6 - 22 mbar
SPN3-12	Neutral	10 - 27 mbar
SPR3-12	Red	28 - 70 mbar
SPBK3-12	Black	60 - 130 mbar

1	Seal cap	15	Shaft
2	O ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge
		28	Screw cover



Dimension	2"
WEIGHT (kgs)	5,8

GAS GOVERNOR DN65, DN80, DN100 - Pmax 2 bar



Code	Description	Dimension	Pmax
RGD65 - 2B	Gas Governor	DN65	2 bar
RGD80 - 2B	Gas Governor	DN80	2 bar
RGD100 - 2B	Gas Governor	DN100	2 bar
RGD65 - FT - 2B	Gas Governor with filter	DN65	2 bar
RGD80 - FT - 2B	Gas Governor with filter	DN80	2 bar
RGD100 - FT - 2B	Gas Governor with filter	DN100	2 bar
RGD65 - 2B - TPIO	Gas Governor with test point in/out	DN65	2 bar
RGD80 - 2B - TPIO	Gas Governor with test point in/out	DN80	2 bar
RGD100 - 2B - TPIO	Gas Governor with test point in/out	DN100	2 bar
RGD65 - FT - 2B - TPIO	Gas Governor with filter and test point in/out	DN65	2 bar
RGD80 - FT - 2B - TPIO	Gas Governor with filter and test point in/out	DN80	2 bar
RGD100 - FT - 2B - TPIO	Gas Governor with filter and test point in/out	DN100	2 bar

TECHNICAL FEATURES

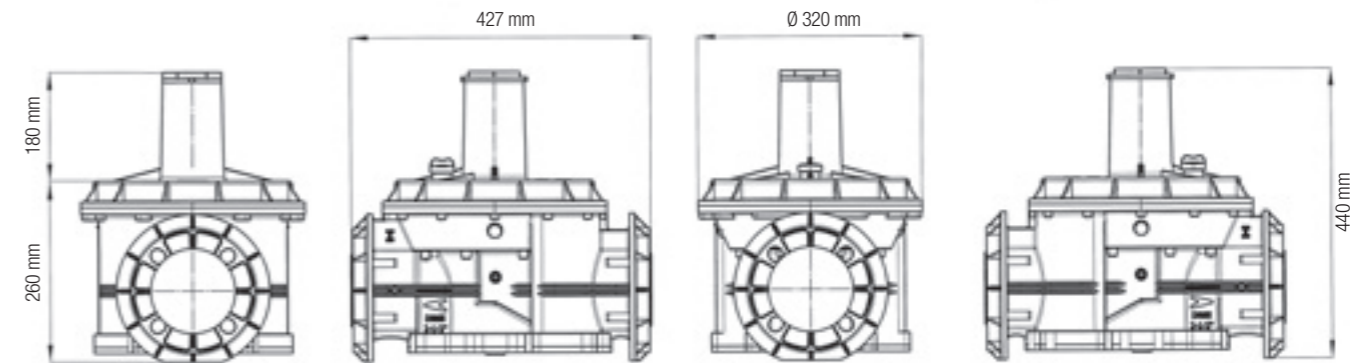
Pmax	inlet max – 2 bar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Flanged connection DN65 DN80 - DN100 - PN16
Test point	Inlet / outlet on request – Test point 1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008

Materials:

Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

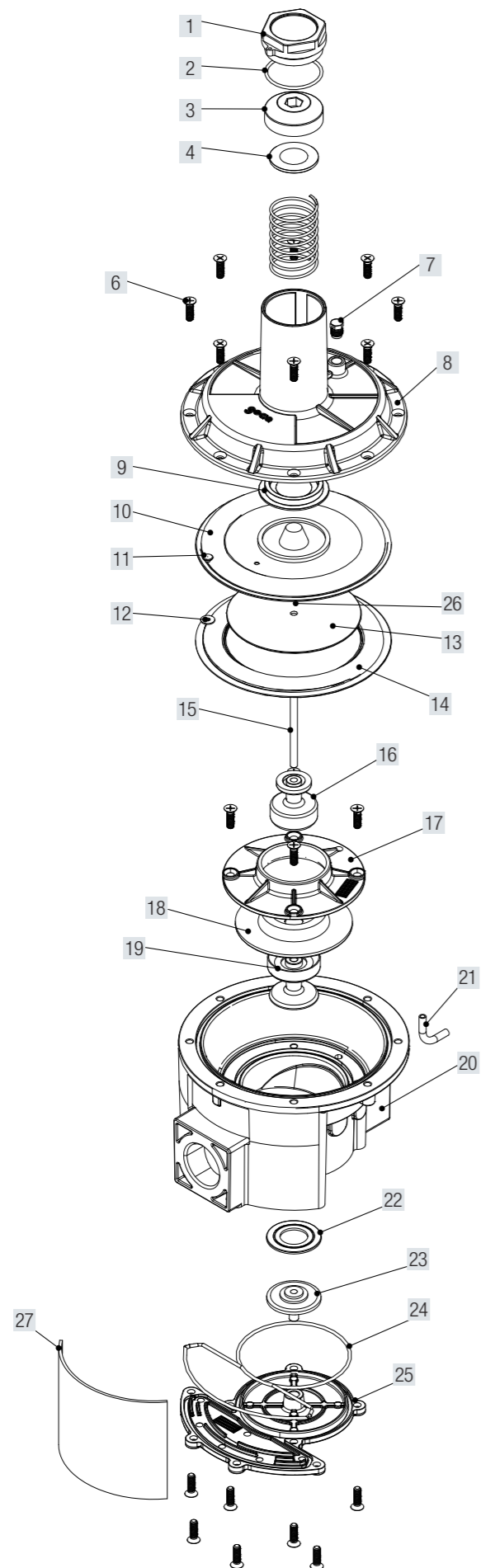
Spring Range:	Color	Range mbar
	White	5 - 14 mbar
	Yellow	6 - 22 mbar
	Neutral	10 - 27 mbar
	Red	28 - 70 mbar
	Black	60 - 130 mbar

1	Seal cap	15	Shaft
2	O-Ring	16	Upper bush
3	Spring compressor	17	Disc
4	Washer	18	Working diaphragm
6	Screws	19	Lower bush
7	Vent cap	20	Body
8	Upper cover	21	Sensing tube
9	Plastic Washer	22	Seal washer
10	Safety diaphragm	23	Plastic ring
11	Calibrated nozzle	24	Gasket
12	Washer	25	Cover
13	Disc	26	Nut
14	Compensation diaphragm	27	Filter cartridge
		28	Screw cover



Dimension	DN65	DN80	DN100
WEIGHT (kgs)	16	15,3	14,6

ASSEMBLY OVERVIEW



- 1 Seal cap
- 2 O ring
- 3 Spring compressor
- 4 Washer
- 6 Screws
- 7 Vent cap
- 8 Upper cover
- 9 Plastic Washer
- 10 Safety diaphragm
- 11 Calibrated nozzle
- 12 Washer
- 13 Disc
- 14 Compensation diaphragm
- 15 Shaft
- 16 Upper bush
- 17 Disc
- 18 Working diaphragm
- 19 Lower bush
- 20 Body
- 21 Sensing tube
- 22 Seal washer
- 23 Plastic ring
- 24 Gasket
- 25 Cover
- 26 Nut
- 27 Filter cartridge

SPRING RANGE



White spring – Range 5 – 14 mbar

Gas governor pmax 500 mbar

SPW1-5	RG015 - RG020 - RG025
SPW2-5	RG032 - RG040
SPW3-5	RG050
SPW4-5	RGD65 - RGD80 - RGD100

Gas governor 1 bar – 2 bar

SPW1 – 12	RG015 - 1B/2B - RG020 - 1B/2B - RG025 - 1B/2B
SPW2 – 12	RG032 - 1B/2B - RG040 - 1B/2B
SPW3 – 12	RG050 - 1B/2B
SPW4 – 12	RGD65 - 1B/2B - RGD80 - 1B/2B - RGD100 - 1B/2B

Yellow spring – Range 6 – 22 mbar

Gas governor pmax 500 mbar

SPY1-5	RG015 - RG020 - RG025
SPY2-5	RG032 - RG040
SPY3-5	RG050
SPY4-5	RGD65 - RGD80 - RGD100

Gas governor 1 bar – 2 bar

SPY1 – 12	RG015 - 1B/2B - RG020 - 1B/2B - RG025 - 1B/2B
SPY2 – 12	RG032 - 1B/2B - RG040 - 1B/2B
SPY3 – 12	RG050 - 1B/2B
SPY4 – 12	RGD65 - 1B/2B - RGD80 - 1B/2B - RGD100 - 1B/2B

Neutral spring – Range 10 – 27 mbar (Standar spring)

Gas governor pmax 500 mbar

SPN1-5	RG015 - RG020 - RG025
SPN2-5	RG032 - RG040
SPN3-5	RG050
SPN4-5	RGD65 - RGD80 - RGD100

Gas governor 1 bar – 2 bar

SPN1 – 12	RG015 - 1B/2B - RG020 - 1B/2B - RG025 - 1B/2B
SPN2 – 12	RG032 - 1B/2B - RG040 - 1B/2B
SPN3 – 12	RG050 - 1B/2B
SPN4 – 12	RGD65 - 1B/2B - RGD80 - 1B/2B - RGD100 - 1B/2B



Red spring – Range 28 – 70 mbar

Gas governor pmax 500 mbar

SPR1-5	RG015 - RG020 - RG025
SPR2-5	RG032 - RG040
SPR3-5	RG050
SPR4-5	RGD65 - RGD80 - RGD100

Gas governor 1 bar – 2 bar

SPR1 – 12	RG015 - 1B/2B - RG020 - 1B/2B - RG025 - 1B/2B
SPR2 – 12	RG032 - 1B/2B - RG040 - 1B/2B
SPR3 – 12	RG050 - 1B/2B
SPR4 – 12	RGD65 - 1B/2B - RGD80 - 1B/2B - RGD100 - 1B/2B

Black spring – Range 60 – 130 mbar

Gas governor pmax 500 mbar

SPBK1-5	RG015 - RG020 - RG025
SPBK2-5	RG032 - RG040
SPBK3-5	RG050
SPBK4-5	RGD65 - RGD80 - RGD100

Gas governor 1 bar – 2 bar

SPBK2 – 12	RG032 - 1B/2B - RG040 - 1B/2B
SPBK3 – 12	RG050 - 1B/2B
SPBK4 – 12	RGD65 - 1B/2B - RGD80 - 1B/2B - RGD100 - 1B/2B

Blue spring – Range 120 – 300 mbar

Gas governor pmax 500 mbar

SPB1-5	RG015 - RG020 - RG025
SPB2-5	RG032 - RG040
SPB3-5	RG050
SPB4-5	RGD65 - RGD80 - RGD100

Gas governor 1 bar – 2 bar

Actually not available

GAS GOVERNORS - Standar version



Gas Governor - Pmax 500 mbar

Code	Description	Dimension	Pmax
RG015	Gas Governor	½"	500 mbar
RG020	Gas Governor	¾"	500 mbar
RG025	Gas Governor	1"	500 mbar
RGD25	Gas Governor	DN25	500 mbar

RG015-FT	Gas Governor with filter	½"	500 mbar
RG020-FT	Gas Governor with filter	¾"	500 mbar
RG025-FT	Gas Governor with filter	1"	500 mbar
RGD25-FT	Gas Governor with filter	DN25	500 mbar

Code	Description	Dimension	Pmax
RG032	Gas Governor	1 ¼"	500 mbar
RG040	Gas Governor	1 ½"	500 mbar
RGD32	Gas Governor	DN32	500 mbar
RGD40	Gas Governor	DN40	500 mbar

RG032-FT	Gas Governor with filter	1 ¼"	500 mbar
RG040-FT	Gas Governor with filter	1 ½"	500 mbar
RGD32-FT	Gas Governor with filter	DN32	500 mbar
RGD40-FT	Gas Governor with filter	DN40	500 mbar

Code	Description	Dimension	Pmax
RG050	Gas Governor	2"	500 mbar
RGD50	Gas Governor	DN50	500 mbar
RG050-FT	Gas Governor with filter	2"	500 mbar
RGD50-FT	Gas Governor with filter	DN50	500 mbar

Code	Description	Dimension	Pmax
RGD65	Gas Governor	DN65	500 mbar
RGD80	Gas Governor	DN80	500 mbar
RGD100	Gas Governor	DN100	500 mbar
RGD65 - FT	Gas Governor with filter	DN65	500 mbar
RGD80 - FT	Gas Governor with filter	DN80	500 mbar
RGD100 - FT	Gas Governor with filter	DN100	500 mbar

Gas Governor - Pmax 1 bar

Code	Description	Dimension	Pmax
RG015-1B	Gas Governor	½"	1 bar
RG020-1B	Gas Governor	¾"	1 bar
RG025-1B	Gas Governor	1"	1 bar
RGD25-1B	Gas Governor	DN25	1 bar

RG015-FT-1B	Gas Governor with filter	½"	1 bar
RG020-FT-1B	Gas Governor with filter	¾"	1 bar
RG025-FT-1B	Gas Governor with filter	1"	1 bar
RGD25-FT-1B	Gas Governor with filter	DN25	1 bar

Code	Description	Dimension	Pmax
RG032-1B	Gas Governor	1 ¼"	1 bar
RG040-1B	Gas Governor	1 ½"	1 bar
RGD32-1B	Gas Governor	DN32	1 bar
RGD40-1B	Gas Governor	DN40	1 bar

RG032-FT-1B	Gas Governor with filter	1 ¼"	1 bar
RG040-FT-1B	Gas Governor with filter	1 ½"	1 bar
RGD32-FT-1B	Gas Governor with filter	DN32	1 bar
RGD40-FT-1B	Gas Governor with filter	DN40	1 bar

Code	Description	Dimension	Pmax
RG050-1B	Gas Governor	2"	1 bar
RGD50-1B	Gas Governor	DN50	1 bar

RG050-FT-1B	Gas Governor with filter	2"	1 bar
RGD50-FT-1B	Gas Governor with filter	DN50	1 bar

Code	Description	Dimension	Pmax
RGD65 - 1B	Gas Governor	DN65	1 bar
RGD80 - 1B	Gas Governor	DN80	1 bar
RGD100 - 1B	Gas Governor	DN100	1 bar

RGD65 - FT - 1B	Gas Governor with filter	DN65	1 bar
RGD80 - FT - 1B	Gas Governor with filter	DN80	1 bar
RGD100 - FT - 1B	Gas Governor with filter	DN100	1 bar

Gas Governor - Pmax 2 bar

Code	Description	Dimension	Pmax
RG015-2B	Gas Governor	½"	2 bar
RG020-2B	Gas Governor	¾"	2 bar
RG025-2B	Gas Governor	1"	2 bar
RGD25-2B	Gas Governor	1"	2 bar

RG015-FT-2B	Gas Governor with filter	½"	2 bar
RG020-FT-2B	Gas Governor with filter	¾"	2 bar
RG025-FT-2B	Gas Governor with filter	1"	2 bar
RGD25-FT-2B	Gas Governor with filter	DN25	2 bar

Code	Description	Dimension	Pmax
RG032-2B	Gas Governor	1 ¼"	2 bar
RG040-2B	Gas Governor	1 ½"	2 bar
RGD32-2B	Gas Governor	DN32	2 bar
RGD40-2B	Gas Governor	DN40	2 bar

RG032-FT-2B	Gas Governor with filter	1 ¼"	2 bar
RG040-FT-2B	Gas Governor with filter	1 ½"	2 bar
RGD32-FT-2B	Gas Governor with filter	DN32	2 bar
RGD40-FT-2B	Gas Governor with filter	DN40	2 bar

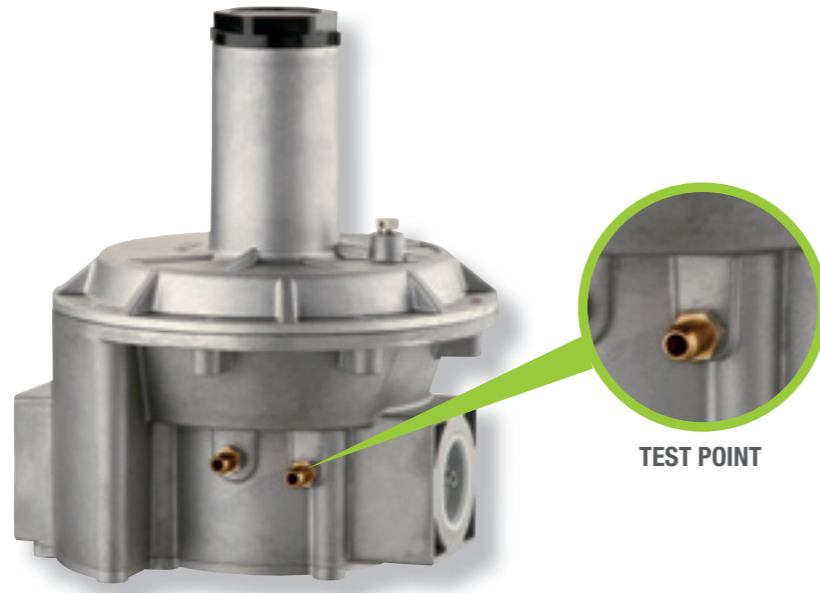
Code	Description	Dimension	Pmax
RG050-2B	Gas Governor	2"	2 bar
RGD50-2B	Gas Governor	DN50	2 bar

RG050-FT-2B	Gas Governor with filter	2"	2 bar
RGD50-FT-2B	Gas Governor with filter	DN50	2 bar

Code	Description	Dimension	Pmax
RGD65 - 2B	Gas Governor	DN65	2 bar
RGD80 - 2B	Gas Governor	DN80	2 bar
RGD100 - 2B	Gas Governor	DN100	2 bar

RGD65 - FT - 2B	Gas Governor with filter	DN65	2 bar
RGD80 - FT - 2B	Gas Governor with filter	DN80	2 bar
RGD100 - FT - 2B	Gas Governor with filter	DN100	2 bar

GAS GOVERNORS - TPIO code - Test point input / output



Gas Governor - Pmax 500 mbar

Code	Description	Dimension	Pmax
RG015-TPIO	Gas Governor with test point in/out	½"	500 mbar
RG020-TPIO	Gas Governor with test point in/out	¾"	500 mbar
RG025-TPIO	Gas Governor with test point in/out	1"	500 mbar
RGD25-TPIO	Gas Governor with test point in/out	DN25	500 mbar

RG015-FT-TPIO	Gas Governor with filter and test point in/out	½"	500 mbar
RG020-FT-TPIO	Gas Governor with filter and test point in/out	¾"	500 mbar
RG025-FT-TPIO	Gas Governor with filter and test point in/out	1"	500 mbar
RGD25-FT-TPIO	Gas Governor with filter and test point in/out	DN25	500 mbar

Code	Description	Dimension	Pmax
RG032-TPIO	Gas Governor with test point in/out	1¼"	500 mbar
RG040-TPIO	Gas Governor with test point in/out	1½"	500 mbar
RGD32-TPIO	Gas Governor with test point in/out	DN32	500 mbar
RGD40-TPIO	Gas Governor with test point in/out	DN40	500 mbar

RG032-FT-TPIO	Gas Governor with filter and test point in/out	1¼"	500 mbar
RG040-FT-TPIO	Gas Governor with filter and test point in/out	1½"	500 mbar
RGD32-FT-TPIO	Gas Governor with filter and test point in/out	DN32	500 mbar
RGD40-FT-TPIO	Gas Governor with filter and test point in/out	DN32	500 mbar

Code	Description	Dimension	Pmax
RG050-TPIO	Gas Governor with test point in/out	2"	500 mbar
RGD50-TPIO	Gas Governor with test point in/out	DN50	500 mbar
RG050-FT-TPIO	Gas Governor with filter and test point in/out	2"	500 mbar
RGD50-FT-TPIO	Gas Governor with filter and test point in/out	DN50	500 mbar

Code	Description	Dimension	Pmax
RGD65 - TPIO	Gas Governor with test point in/out	DN65	500 mbar
RGD80 - TPIO	Gas Governor with test point in/out	DN80	500 mbar
RGD100 - TPIO	Gas Governor with test point in/out	DN100	500 mbar
RGD65 - FT - TPIO	Gas Governor with filter and test point in/out	DN65	500 mbar
RGD80 - FT - TPIO	Gas Governor with filter and test point in/out	DN80	500 mbar
RGD100 - FT - TPIO	Gas Governor with filter and test point in/out	DN100	500 mbar

Gas Governor - Pmax 1 bar

Code	Description	Dimension	Pmax
RG015-1B-TPIO	Gas Governor with test point in/out	½"	1 bar
RG020-1B-TPIO	Gas Governor with test point in/out	¾"	1 bar
RG025-1B-TPIO	Gas Governor with test point in/out	1"	1 bar

RG015-FT-1B-TPIO	Gas Governor with filter and test point in/out	½"	1 bar
RG020-FT-1B-TPIO	Gas Governor with filter and test point in/out	¾"	1 bar
RG025-FT-1B-TPIO	Gas Governor with filter and test point in/out	1"	1 bar

Code	Description	Dimension	Pmax
RG032-1B-TPIO	Gas Governor with test point in/out	1¼"	1 bar
RG040-1B-TPIO	Gas Governor with test point in/out	1½"	1 bar
RGD32-1B-TPIO	Gas Governor with test point in/out	DN32	1 bar
RGD40-1B-TPIO	Gas Governor with test point in/out	DN40	1 bar

RG032-FT-1B-TPIO	Gas Governor with filter and test point in/out	1¼"	1 bar
RG040-FT-1B-TPIO	Gas Governor with filter and test point in/out	1½"	1 bar
RGD32-FT-1B-TPIO	Gas Governor with filter and test point in/out	DN32	1 bar
RGD40-FT-1B-TPIO	Gas Governor with filter and test point in/out	DN40	1 bar

Code	Description	Dimension	Pmax
RG050-1B-TPIO	Gas Governor with test point in/out	2"	1 bar
RGD50-1B-TPIO	Gas Governor with test point in/out	DN50	1 bar

RG050-FT-1B-TPIO	Gas Governor with filter and test point in/out	2"	1 bar
RGD50-FT-1B-TPIO	Gas Governor with filter and test point in/out	DN50	1 bar

Code	Description	Dimension	Pmax
RGD65 - 1B - TPIO	Gas Governor with test point in/out	DN65	1 bar
RGD80 - 1B - TPIO	Gas Governor with test point in/out	DN80	1 bar
RGD100 - 1B - TPIO	Gas Governor with test point in/out	DN100	1 bar

RGD65 - FT - 1B - TPIO	Gas Governor with filter and test point in/out	DN65	1 bar
RGD80 - FT - 1B - TPIO	Gas Governor with filter and test point in/out	DN80	1 bar
RGD100 - FT - 1B - TPIO	Gas Governor with filter and test point in/out	DN100	1 bar

Gas Governor - Pmax 2 bar

Code	Description	Dimension	Pmax
RG015-2B-TPIO	Gas Governor with test point in/out	1¼"	2 bar
RG020-2B-TPIO	Gas Governor with test point in/out	1½"	2 bar
RG025-2B-TPIO	Gas Governor with test point in/out	DN32	2 bar

RG015-FT-2B-TPIO	Gas Governor with filter and test point in/out	1¼"	2 bar
RG020-FT-2B-TPIO	Gas Governor with filter and test point in/out	1½"	2 bar
RG025-FT-2B-TPIO	Gas Governor with filter and test point in/out	DN32	2 bar

Code	Description	Dimension	Pmax
RG032-2B-TPIO	Gas Governor with test point in/out	1¼"	2 bar
RG040-2B-TPIO	Gas Governor with test point in/out	1½"	2 bar
RGD32-2B-TPIO	Gas Governor with test point in/out	DN32	2 bar
RGD40-2B-TPIO	Gas Governor with test point in/out	DN40	2 bar

RG032-FT-2B-TPIO	Gas Governor with filter test point in/out	1¼"	2 bar
RG040-FT-2B-TPIO	Gas Governor with filter test point in/out	1½"	2 bar
RGD32-FT-2B-TPIO	Gas Governor with filter test point in/out	DN32	2 bar
RGD40-FT-2B-TPIO	Gas Governor with filter test point in/out	DN40	2 bar

Code	Description	Dimension	Pmax
RG050-2B-TPIO	Gas Governor with test point in/out	2"	2 bar
RGD50-2B-TPIO	Gas Governor with test point in/out	DN50	2 bar

RG050-FT-2B-TPIO	Gas Governor with filter and test point in/out	2"	2 bar
RGD50-FT-2B-TPIO	Gas Governor with filter and test point in/out	DN50	2 bar

Code	Description	Dimension	Pmax
RGD65 - 2B - TPIO	Gas Governor with test point in/out	DN65	2 bar
RGD80 - 2B - TPIO	Gas Governor with test point in/out	DN80	2 bar
RGD100 - 2B - TPIO	Gas Governor with test point in/out	DN100	2 bar

RGD65 - FT - 2B - TPIO	Gas Governor with filter and test point in/out	DN65	2 bar
RGD80 - FT - 2B - TPIO	Gas Governor with filter and test point in/out	DN80	2 bar
RGD100 - FT - 2B - TPIO	Gas Governor with filter and test point in/out	DN100	2 bar

CODE DESCRIPTION

RG015-FT-1B



① GAS GOVERNOR:

RG=Threaded connections
RGD=Flanged connections

③ OPTIONAL:
-FT= With Filter

④ BAR:
=500mbar
-1B=1bar
-2B=2bar

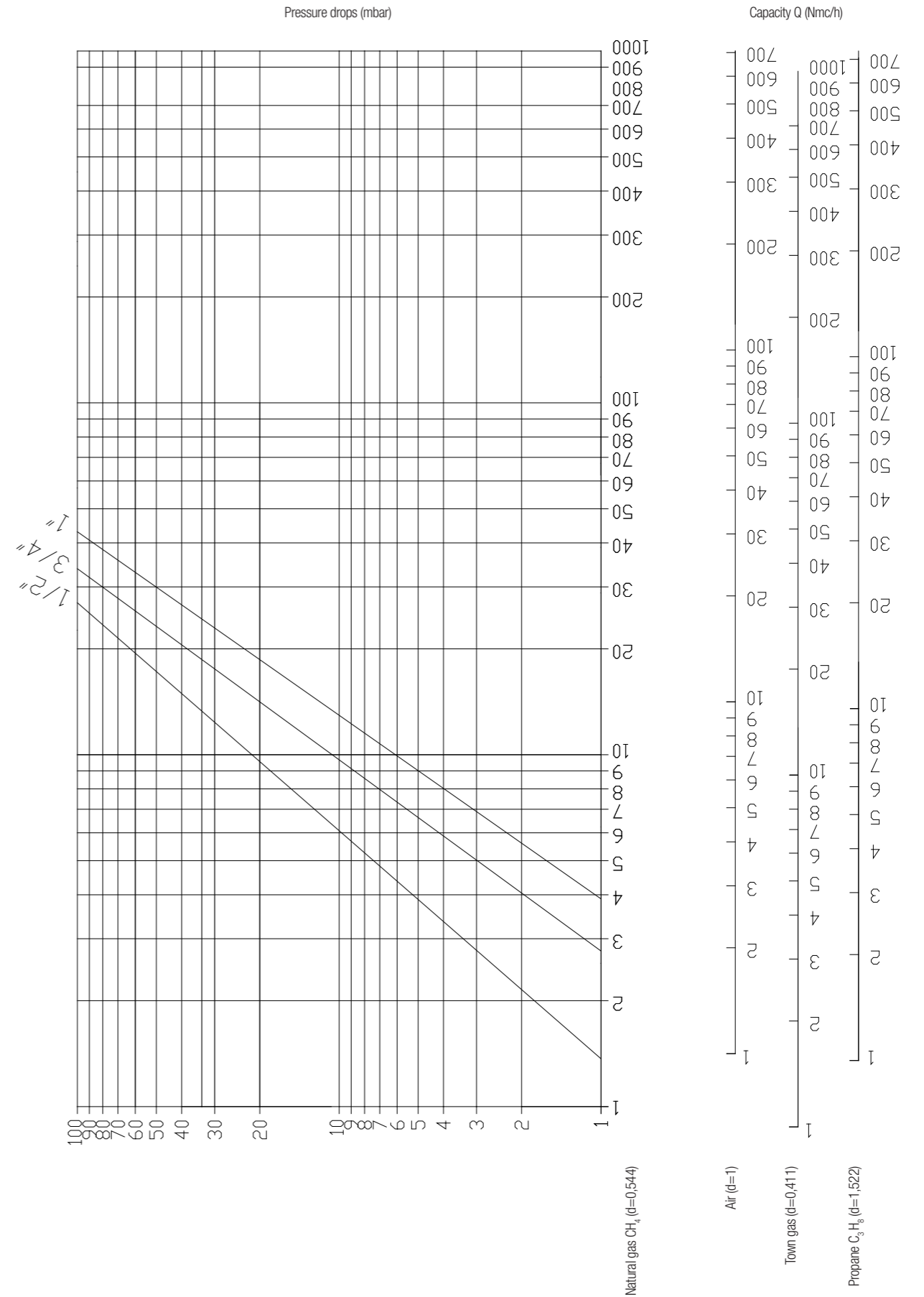
② DIMENSIONS:

015 = 1/2"
020 = 3/4"
025= 1"
25= DN25
032= 1 1/4"
32= DN32
040= 1 1/2"
40= DN40
050= 2"
50= DN50
65 = DN65
80 = DN80
100 = DN100

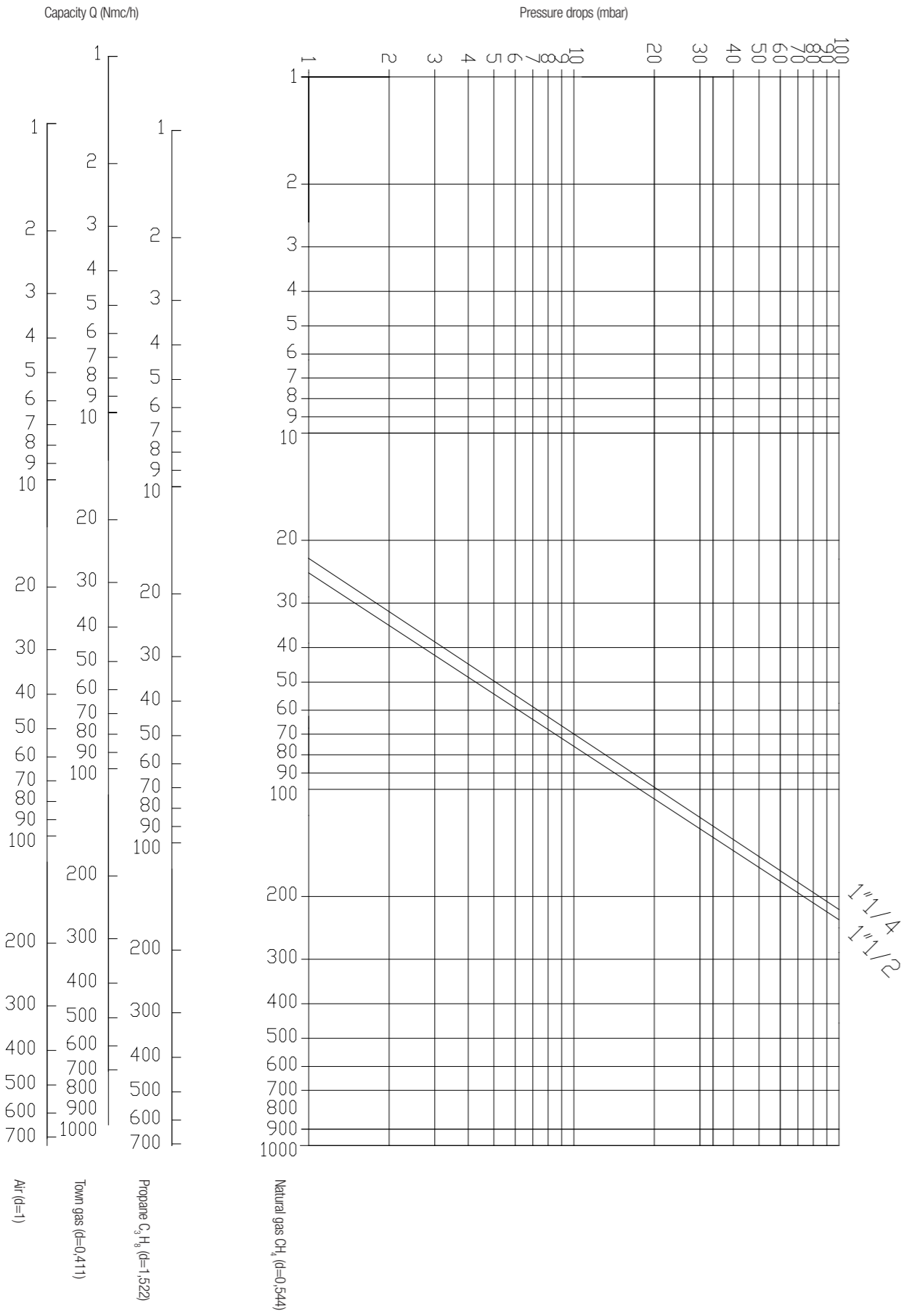
PACKING DIMENSION

Code	Packaging Dimension (LxWxH) cm	Weight dimension (Kg)	Packaging
RG015 – RG020 – RG025	63x24x18	7,4	10 units
RG032 – RG040	22x20x26	3,4	1 unit
RG050	27x28x32	6	1 unit
RGD65 – RGD80 – RGD100	44x34x46	16,2 - 15,5 - 14,8	1 unit

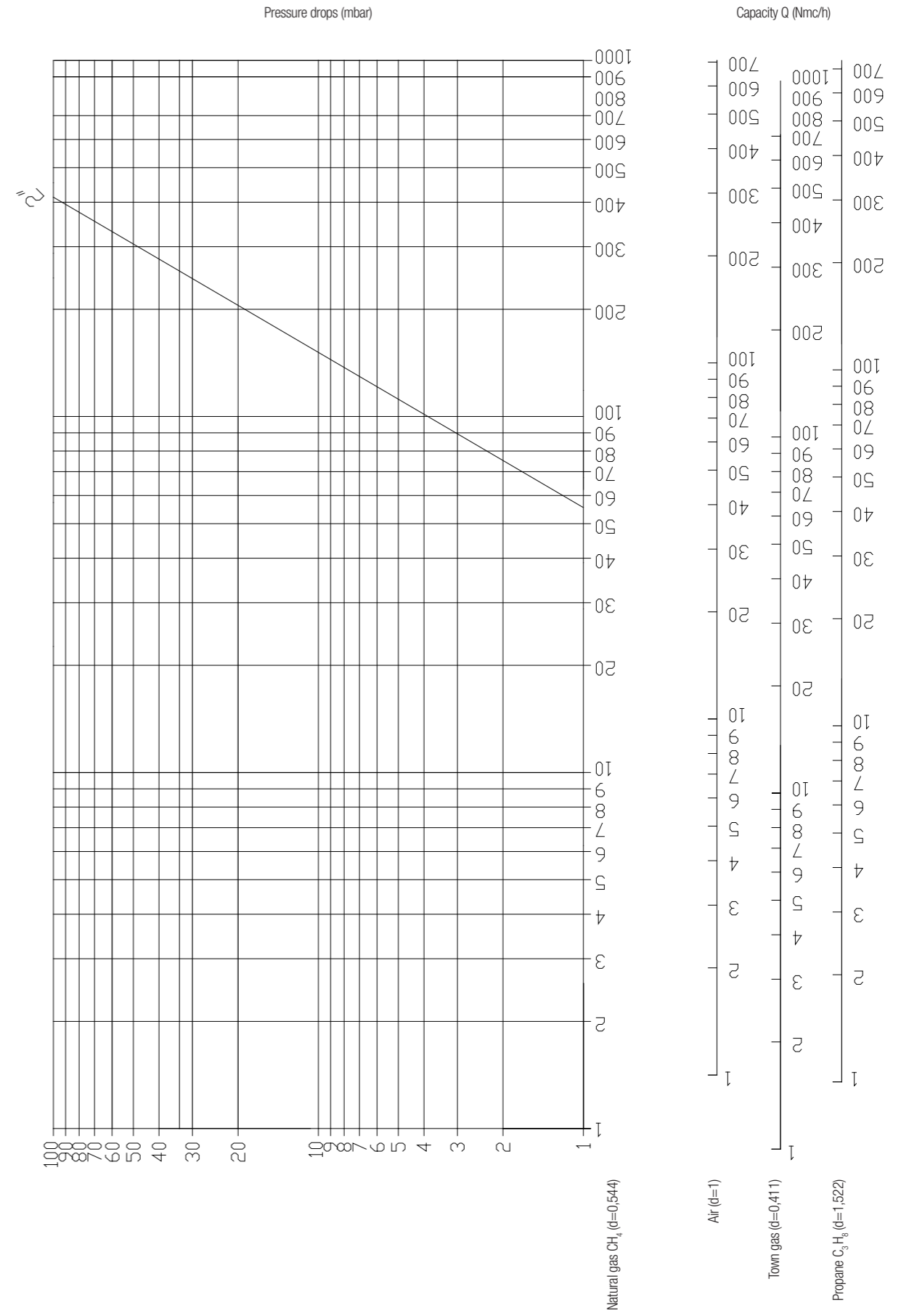
Gas Governor 1/2", 3/4", 1"



Gas Governor 1 ¼", 1 ½"

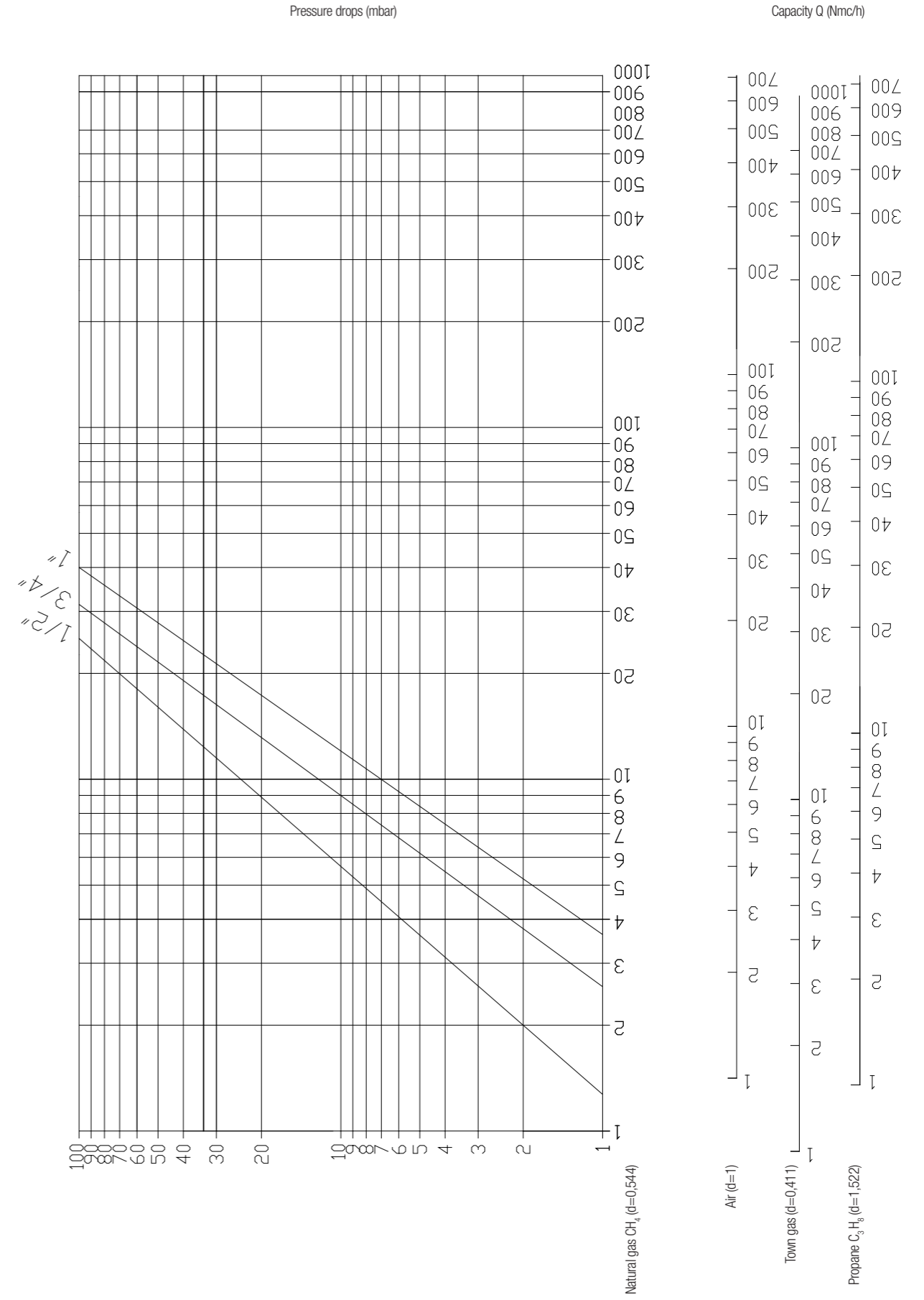
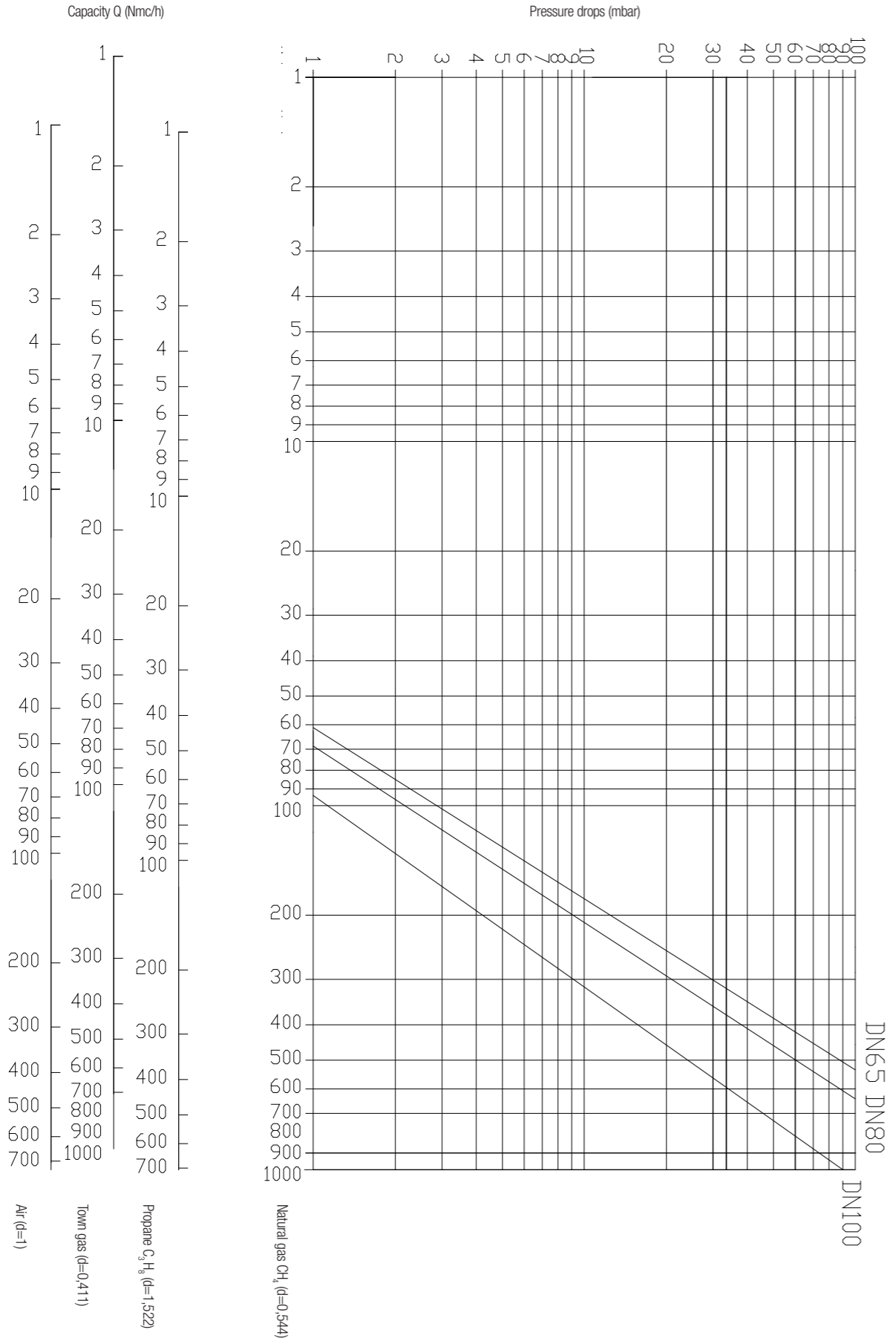


Gas Governor 2"

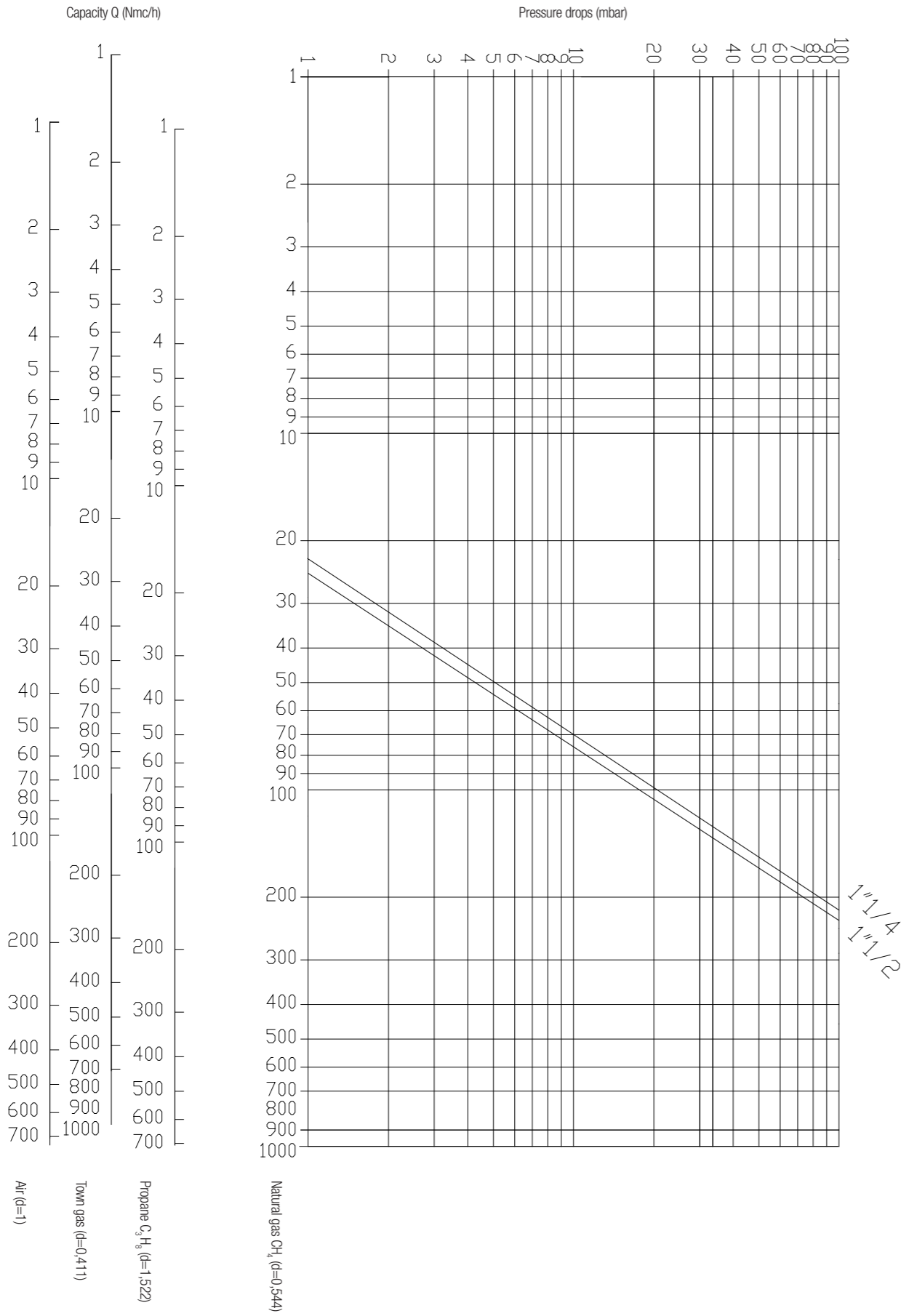


Gas Governor DN65, DN80, DN100

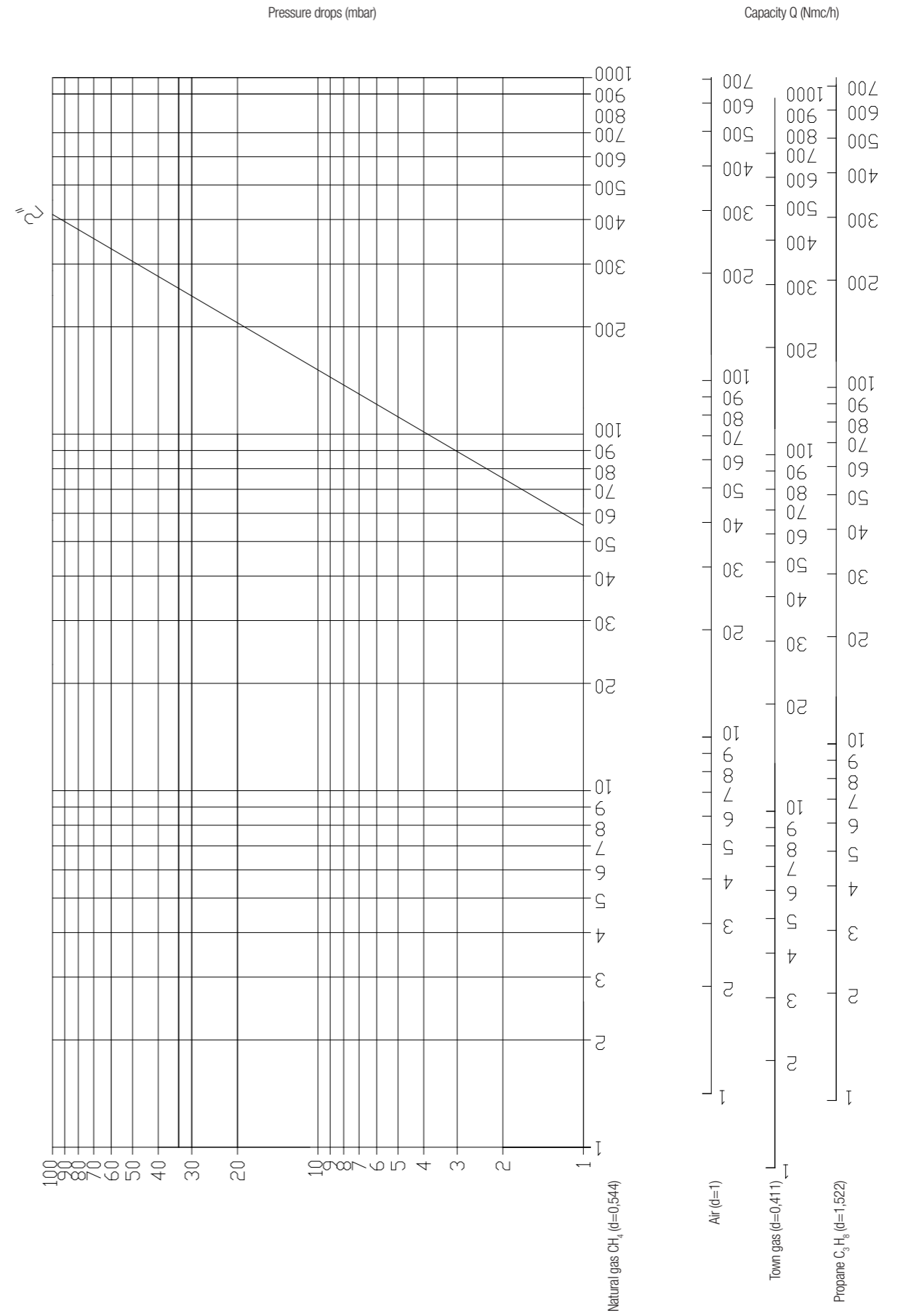
Gas Governor with filter 1/2", 3/4", 1"



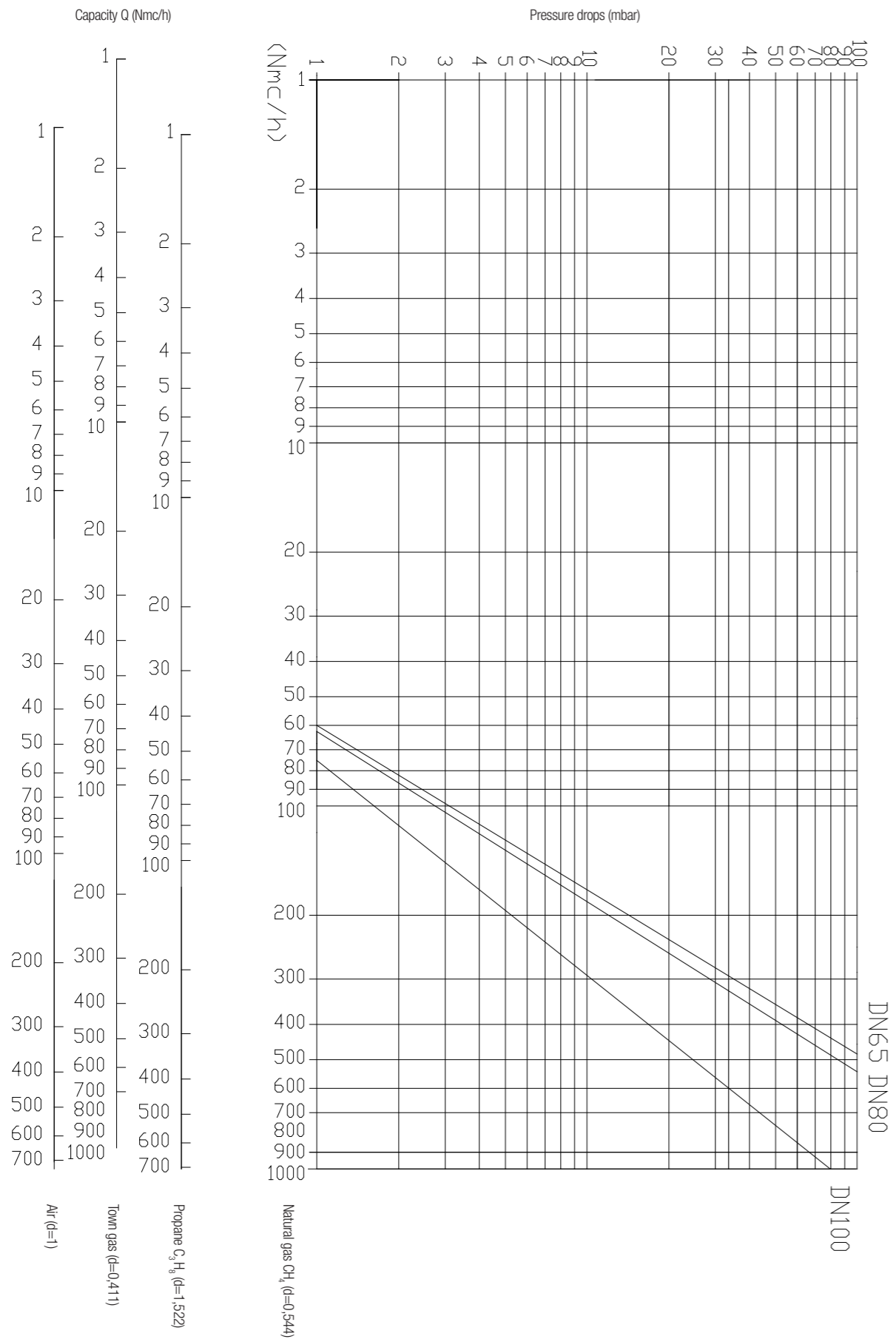
Gas Governor with filter 1 ¼", 1 ½"



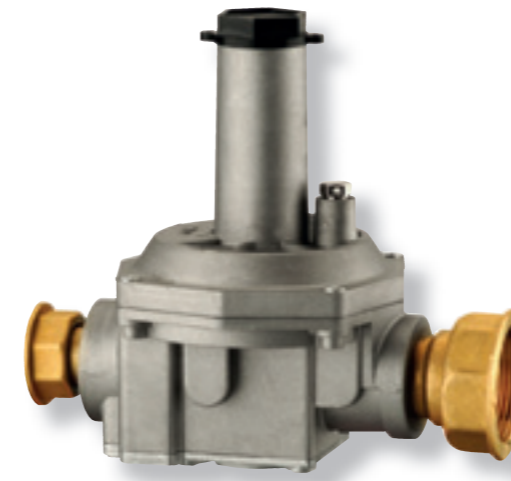
Gas Governor with filter 2"



Gas Governor with filter DN65, DN80, DN100



Special versions



Geca can produce gas governor with different connection specific for the different markets and applications. This solutions are on request.

Electronic pressure gauge



Pressure gauges measure negative pressure, positive pressure and differential pressure of non-aggressive, gaseous. The manometer is used in production and extraction systems to measure different pressures or the pressure drop in gas flows. It is also used to check inlet and outlet pressure of gas governor, it is an ideal aid for adjusting burners, e.g. to check the burner pressure and the gas/air ratio etc.

TECHNICAL FEATURES

Power supply	1 9V alkaline battery model 6LR61
Battery life	25-30 hours (constantly working)
Range:	0-100 mbar
Resolution scale:	±0,1 mmH ₂ O up to 200 mmH ₂ O, ±1 mmH ₂ O from 200 mmH ₂ O up to 1000 mmH ₂ O
Accuracy:	±1%
Max. working pressure:	750 mbar

Gas Filters

» Gas filters can be used for all the types of natural gas, LPG or not corrosive gases. These filters are widely used for protection of control devices, pressure regulators, meters and on systems that requiring an high degree of filtration.

Gas Filters

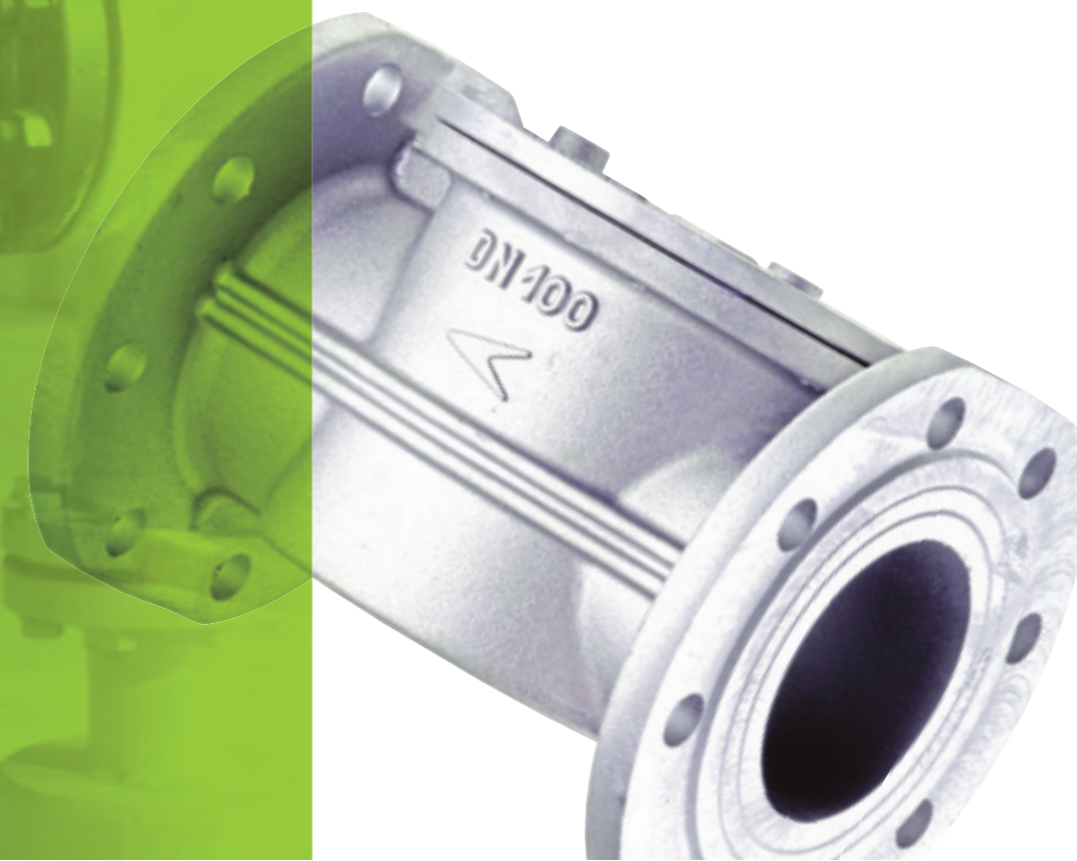
GAS FILTER ½", ¾", 1" – Small capacity – Pmax 6 bar p. 52

GAS FILTER ½", ¾", 1" – Pmax 6 bar p. 54

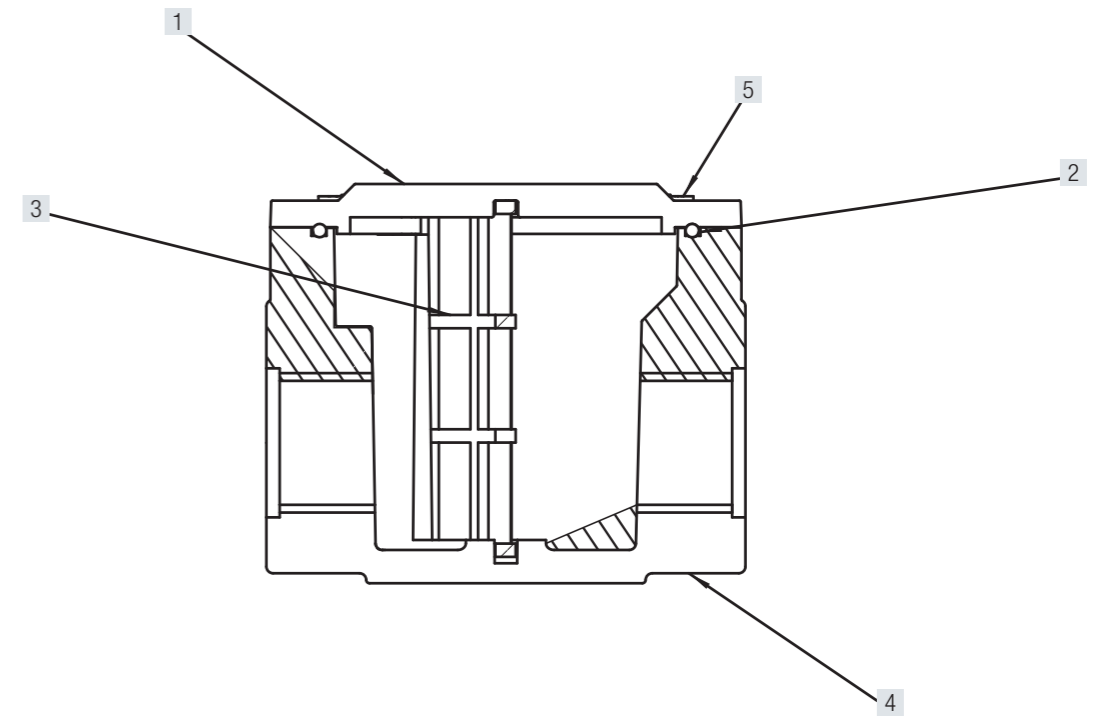
GAS FILTER 1 ¼", 1 ½" and 2" – Pmax 6 bar p. 56

GAS FILTER DN65 – DN80 – DN100 – Pmax 6 bar p. 58

GAS FILTER DN125 – DN150 – Pmax 6 bar p. 60



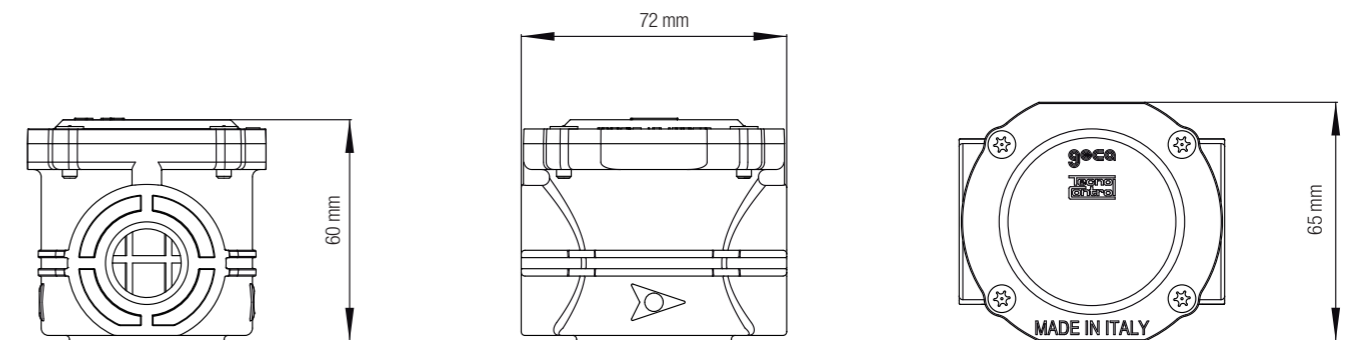
GAS FILTER 1/2", 3/4", 1" – Small capacity – Pmax 6 bar



- 1 Test point connection
- 2 Seal O ring
- 3 Filter cartridge
- 4 Body
- 5 Cover

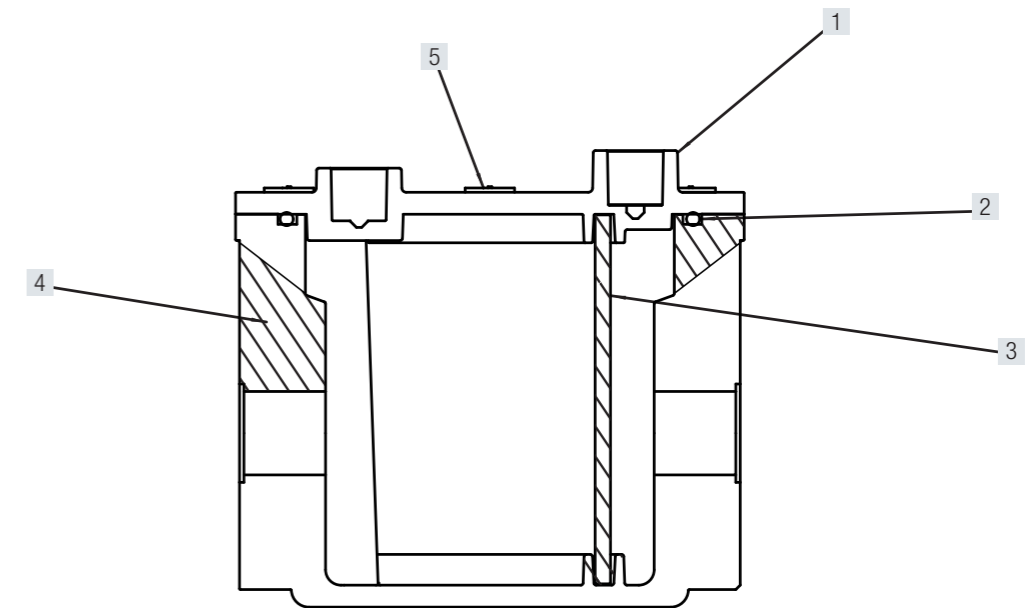
Code	Description	Dimension	Pmax
GF015SC	Gas filter small capacity	1/2"	6 bar
GF020SC	Gas filter small capacity	3/4"	6 bar
GF025SC	Gas filter small capacity	1"	6 bar

TECHNICAL FEATURES	
Operation maximum pressure	6 bar / available version 10 bar
Working Temperature	- 20 °C – + 60 °C
Filtration	≤ 50 Micron
Use	Non – aggressive gases – Family 1 – 2 – 3 and air
Cartridge element	Plastic cartridge PP
Connection	1/2" – 3/4" – 1" Wall boiler – ISO 228
Complete Body	Die – Cast Aluminium Gd – AISi12Cu – EN AB 46100
Seals	NBR
Approval	PED



Dimension	1/2"	3/4"	1"
WEIGHT (kgs)	0,221	0,212	0,199

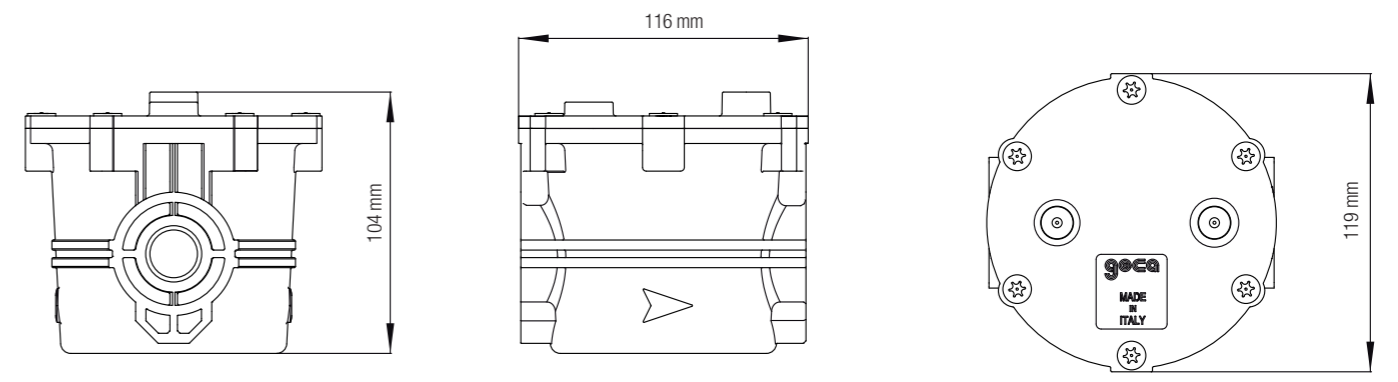
GAS FILTER 1/2", 3/4", 1" – Pmax 6 bar



- 1 Test point connection
- 2 Seal O ring
- 3 Filter cartridge
- 4 Body
- 5 Cover

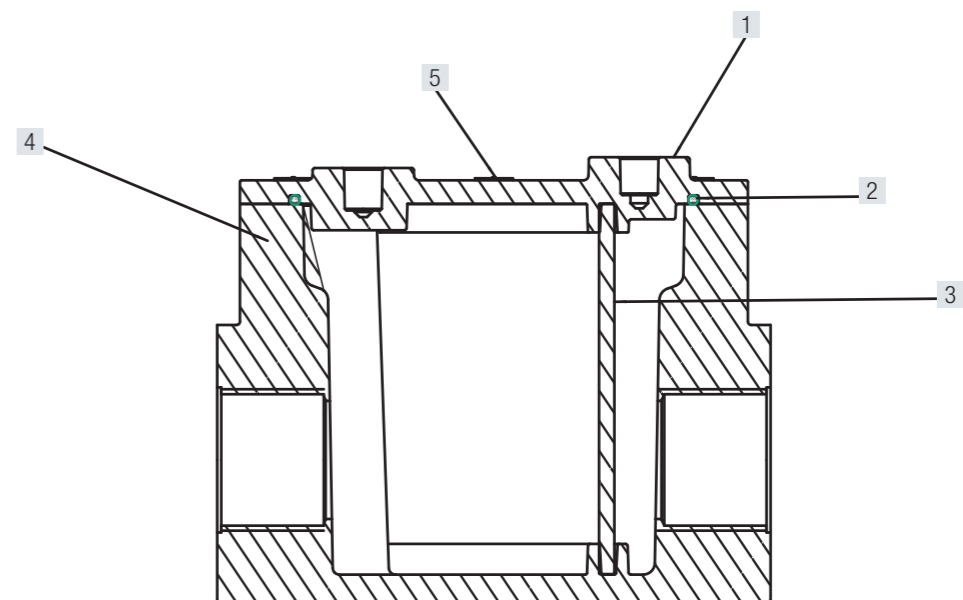
Code	Description	Dimension	Pmax
GF015	Gas filter	1/2"	6 bar
GF020	Gas filter	3/4"	6 bar
GF025	Gas filter	1"	6 bar
GFD25	Gas filter	DN25	6 bar
GF015-TPIO	Gas filter with test point in/out	1/2"	6 bar
GF020-TPIO	Gas filter with test point in/out	3/4"	6 bar
GF025-TPIO	Gas filter with test point in/out	1"	6 bar
GFD25-TPIO	Gas filter with test point in/out	DN25	6 bar
GF015-SP	Gas filter with screw plugs	1/2"	6 bar
GF020-SP	Gas filter with screw plugs	3/4"	6 bar
GF025-SP	Gas filter with screw plugs	1"	6 bar
GFD25-SP	Gas filter with screw plugs	DN25	6 bar

TECHNICAL FEATURES	
Operation maximum pressure	6 bar / available version 10 bar
Working Temperature	- 20 °C – + 60 °C
Filtration	50 Micron
Use	Non – aggressive gases – Family 1 – 2 – 3 and air
Cartridge element	Viledon cartridge
Inlet - Outlet Connection	Thread gas 1/2" – 3/4" 1" – ISO 228 DN25 - Sliding Aluminium flange PN10
Complete Body	Die – Cast Aluminium Gd – AISI12Cu - EN AB 46100
Seals	NBR
Approval	PED
Optional:	
- Test point – NPT 1/4"	
- Screw – NPT 1/4"	
- Peters plug	
- Manometer	
- DP clogging indicator	



Dimension	1/2"	3/4"	1"
WEIGHT (kgs)	0,806	0,795	0,786

GAS FILTER 1 ¼", 1 ½" and 2" – Pmax 6 bar



- 1 Test point connection
- 2 Seal O ring
- 3 Filter cartridge
- 4 Body
- 5 Cover

Code	Description	Dimension	Pmax
GF032	Gas filter	1 ¼"	6 bar
GF040	Gas filter	1 ½"	6 bar
GF050	Gas filter	2"	6 bar
GFD32	Gas filter	DN32	6 bar
GFD40	Gas filter	DN40	6 bar
GFD50	Gas filter	DN50	6 bar

GF032-TPIO	Gas filter with test point in/out	1 ¼"	6 bar
GF040-TPIO	Gas filter with test point in/out	1 ½"	6 bar
GF050-TPIO	Gas filter with test point in/out	2"	6 bar
GFD32-TPIO	Gas filter with test point in/out	DN32	6 bar
GFD40-TPIO	Gas filter with test point in/out	DN40	6 bar
GFD50-TPIO	Gas filter with test point in/out	DN50	6 bar

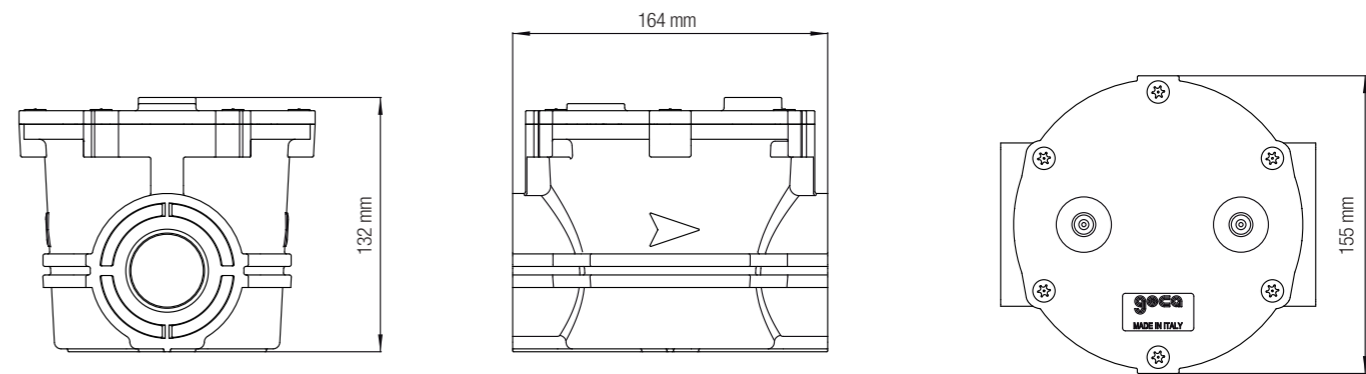
GF032-SP	Gas filter with screw plugs	1 ¼"	6 bar
GF040-SP	Gas filter with screw plugs	1 ½"	6 bar
GF050-SP	Gas filter with screw plugs	2"	6 bar
GFD32-SP	Gas filter with screw plugs	DN32	6 bar
GFD40-SP	Gas filter with screw plugs	DN40	6 bar
GFD50-SP	Gas filter with screw plugs	DN50	6 bar

TECHNICAL FEATURES

Operation maximum pressure	6 bar / available version 10 bar
Working Temperature	- 20 °C – + 60 °C
Filtration	50 Micron
Use	Non – aggressive gases – Family 1 – 2 – 3 and air
Cartridge element	Viledon cartridge
Inlet - Outlet Connection	Thread gas 1 ¼" 1 ½" 2" – ISO 228 DN32 DN40 DN50 - Sliding Aluminium flange PN10
Complete Body	Die – Cast Aluminium Gd – AISI12Cu - EN AB 46100
Seals	NBR
Approval	PED

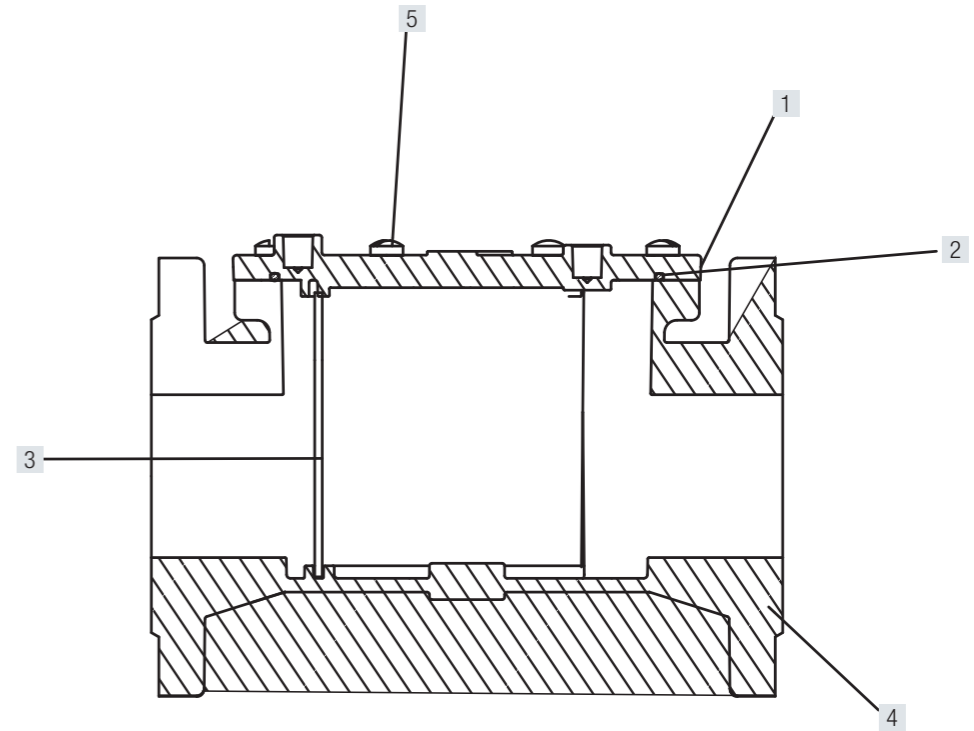
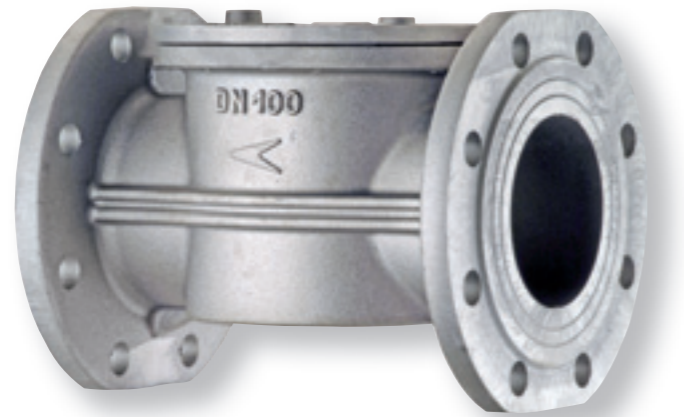
Optional:

- Test point – NPT ¼"
- Screw – NPT ¼"
- Peters plug
- Manometer
- DP clogging indicator



Dimension	1 ¼"	1 ½"	2"
WEIGHT (kgs)	1,63	1,55	1,45

GAS FILTER DN65 – DN80 – DN100 – Pmax 6 bar



- 1 Test point connection
- 2 Seal O ring
- 3 Filter cartridge
- 4 Body
- 5 Cover

Code	Description	Dimension	Pmax
GFD65	Gas filter	DN65	6 bar
GFD80	Gas filter	DN80	6 bar
GFD100	Gas filter	DN100	6 bar

GFD65-TPIO	Gas filter with test point in/out	DN65	6 bar
GFD80-TPIO	Gas filter with test point in/out	DN80	6 bar
GFD100-TPIO	Gas filter with test point in/out	DN100	6 bar

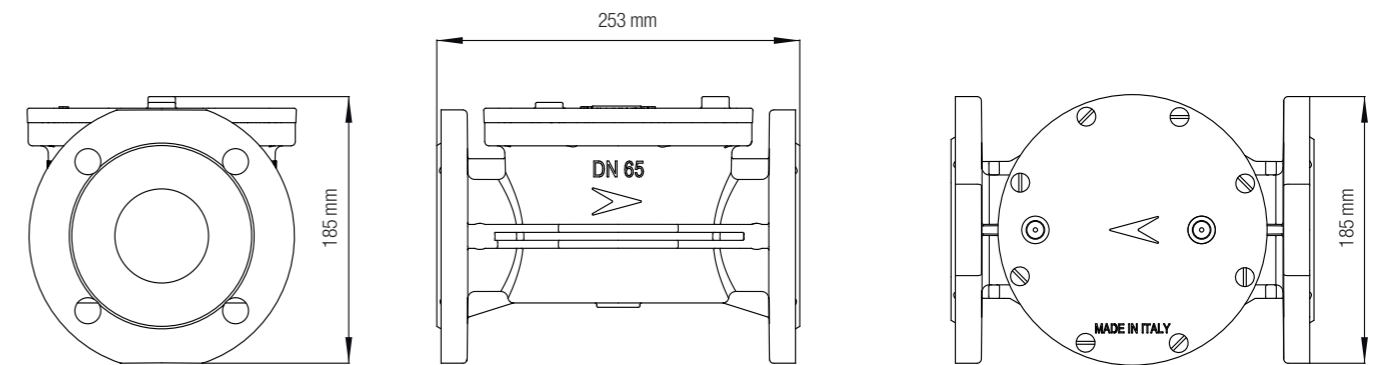
GFD65-SP	Gas filter with screw plugs	DN65	6 bar
GFD80-SP	Gas filter with screw plugs	DN80	6 bar
GFD100-SP	Gas filter with screw plugs	DN100	6 bar

TECHNICAL FEATURES

Operation maximum pressure	6 bar / available version 10 bar
Working Temperature	- 20 °C – + 60 °C
Filtration	50 Micron
Use	Non – aggressive gases – Family 1 – 2 – 3 and air
Cartridge element	Viledon cartridge
Connection	Flanged PN16 – DN65 – DN80 – DN100
Complete Body	Aluminium EN AC 43100
Seals	NBR
Approval	PED

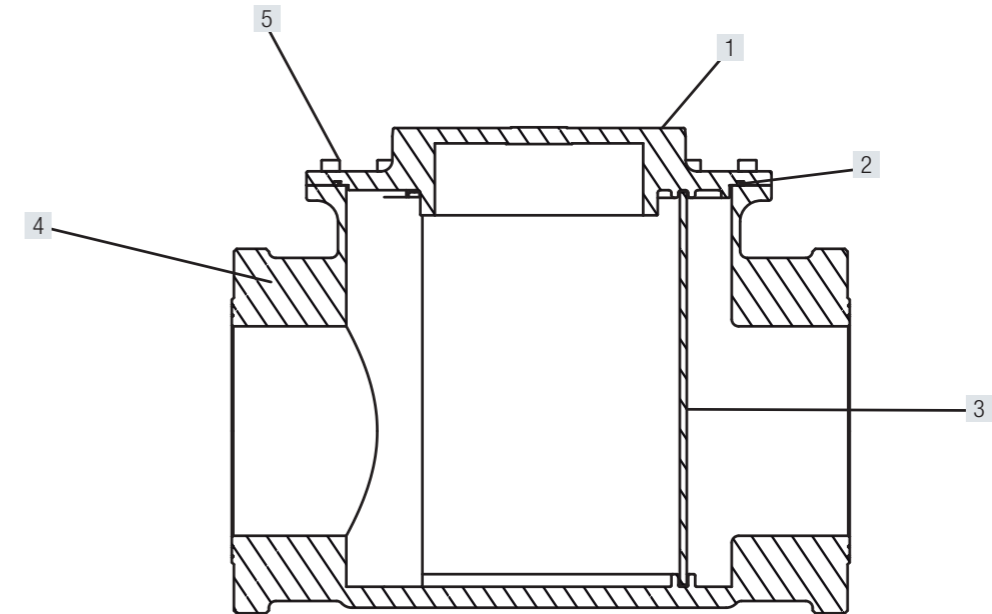
Optional:

- Test point – NPT ¼"
- Screw – NPT ¼"
- Peters plug
- Manometer
- DP clogging indicator



Dimension	DN65	DN80	DN100
WEIGHT (kgs)	8,30	8,30	9,50

GAS FILTER DN125 – DN150 – Pmax 6 bar



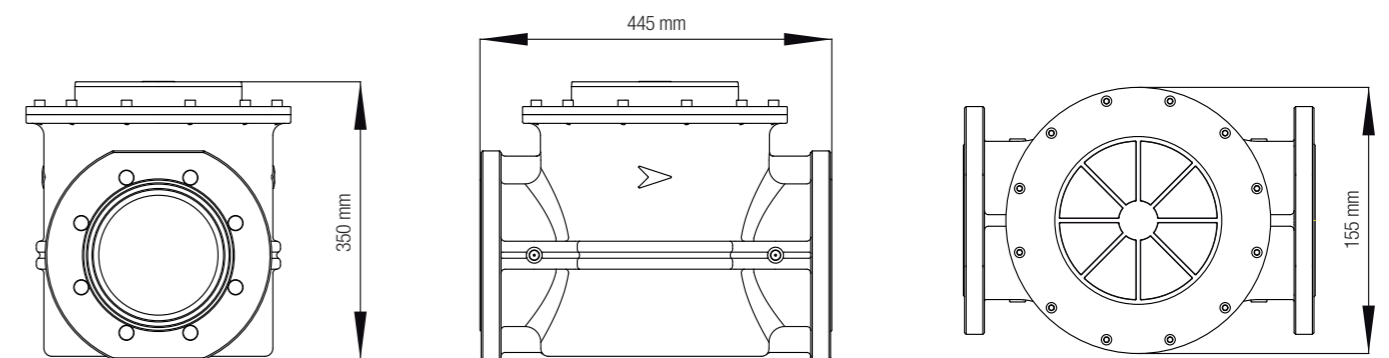
- 1 Test point connection
- 2 Seal O ring
- 3 Filter cartridge
- 4 Body
- 5 Cover

Code	Description	Dimension	Pmax
GFD125	Gas filter	DN125	6 bar
GFD150	Gas filter	DN150	6 bar
GFD125-TPIO	Gas filter with test point in/out	DN125	6 bar
GFD150-TPIO	Gas filter with test point in/out	DN150	6 bar
GFD125-SP	Gas filter with screw plugs	DN125	6 bar
GFD150-SP	Gas filter with screw plugs	DN150	6 bar

TECHNICAL FEATURES	
Operation maximum pressure	6 bar
Working Temperature	- 20 °C – + 60 °C
Filtration	50 Micron
Use	Non – aggressive gases – Family 1 – 2 – 3 and air
Cartridge element	Viledon cartridge
Connection	Flanged PN16 – DN125 – DN150
Complete Body	Aluminium EN AC 43100
Seals	NBR
Approval	PED

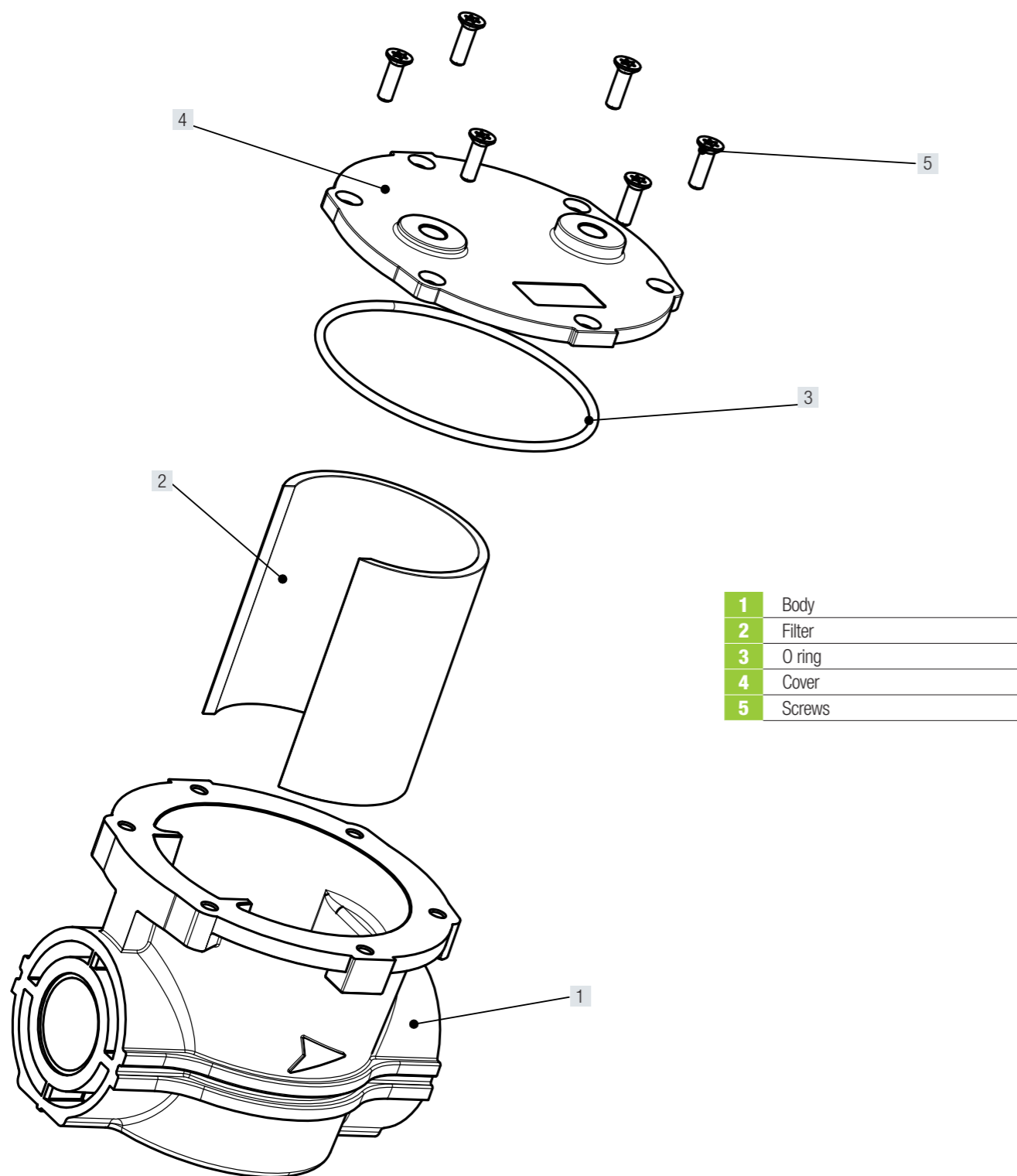
Optional:

- Test point – NPT ¼"
- Screw – NPT ¼"
- Peters plug
- Manometer
- DP clogging indicator



Dimension	DN125	DN150
WEIGHT (kgs)	23	21

ASSEMBLY OVERVIEW



- 1 Body
- 2 Filter
- 3 O ring
- 4 Cover
- 5 Screws

CODE DESCRIPTION

GFD050-TPIO-10B

1
2
3
4
5

1 GF=GAS FILTER

2 CONNECTION:
=Threaded
D= Flanged

4 OPTIONAL:
SP= Screw Plugs
TPIO=Test Point IN/OUT

5 BAR:
= 6bar
-10B= 10bar

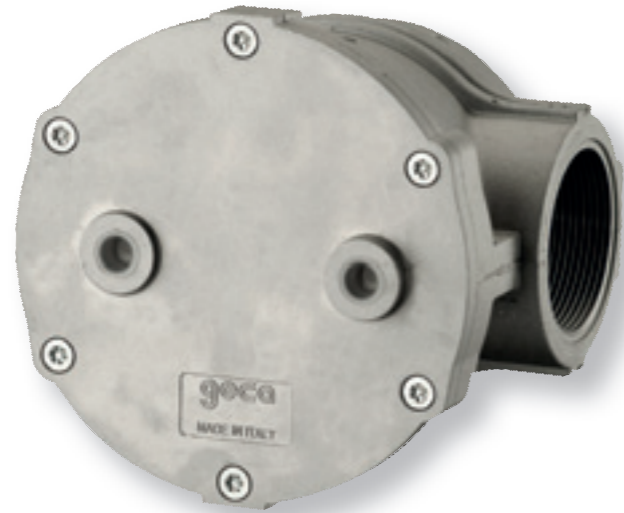
3 DIMENSIONS:

015SC =1/2" (Small Capacity)
 020SC =3/4" (Small Capacity)
 025SC = 1" (Small Capacity)
 015 = 1/2"
 020 = 3/4"
 025= 1"
 25= DN25
 032= 1 1/4"
 32= DN32
 040= 1 1/2"
 40= DN40
 050= 2"
 50= DN50
 65= DN65
 80 = DN80
 100= DN100
 125= DN125
 150= DN150

PACKING DIMENSION

Code	Packaging Dimension (LxWxH) cm	Weight dimension (Kg)	Packaging
GF015SC – GF020SC – GF025SC	29,5x41x14	11,6	46 units
GF015 – GF020 – GF025	65x26x17	9,4	10 units
GF032 – GF040 – GF050	17x16x16,5	2	1 unit
GFD32 – GFD40 – GFD50	23,5x28,5x25	4,4	1 unit
GFD65 – GFD80	23,5x28,5x25	5,4	1 unit
GFD100	23,5x28,5x25	6,2	1 unit
GFD125	46x36x55	21,5	1 unit
GFD150	46x36x55	23,5	1 unit

GAS FILTER Standar version



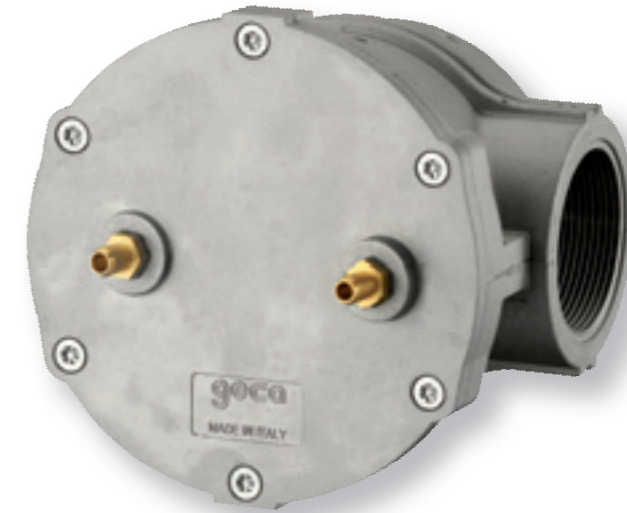
Code	Description	Dimension	Pmax
GF015	Gas filter	½"	6 bar
GF020	Gas filter	¾"	6 bar
GF025	Gas filter	1"	6 bar
GFD25	Gas filter	DN25	6 bar

Code	Description	Dimension	Pmax
GF032	Gas filter	1 ¼"	6 bar
GF040	Gas filter	1 ½"	6 bar
GF050	Gas filter	2"	6 bar
GFD32	Gas filter	DN32	6 bar
GFD40	Gas filter	DN40	6 bar
GFD50	Gas filter	DN50	6 bar

Code	Description	Dimension	Pmax
GFD65	Gas filter	DN65	6 bar
GFD80	Gas filter	DN80	6 bar
GFD100	Gas filter	DN100	6 bar

Code	Description	Dimension	Pmax
GFD125	Gas filter	DN125	6 bar
GFD150	Gas filter	DN150	6 bar

GAS FILTER Test Point Inlet / Outlet version - TPIO



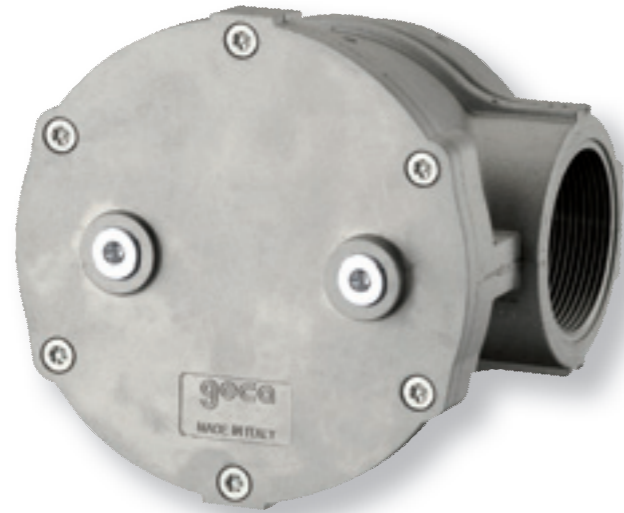
Code	Description	Dimension	Pmax
GF015-TPIO	Gas filter with test point in/out	½"	6 bar
GF020-TPIO	Gas filter with test point in/out	¾"	6 bar
GF025-TPIO	Gas filter with test point in/out	1"	6 bar
GFD25-TPIO	Gas filter with test point in/out	DN25	6 bar

Code	Description	Dimension	Pmax
GF032-TPIO	Gas filter with test point in/out	1 ¼"	6 bar
GF040-TPIO	Gas filter with test point in/out	1 ½"	6 bar
GF050-TPIO	Gas filter with test point in/out	2"	6 bar
GFD32-TPIO	Gas filter with test point in/out	DN32	6 bar
GFD40-TPIO	Gas filter with test point in/out	DN40	6 bar
GFD50-TPIO	Gas filter with test point in/out	DN50	6 bar

Code	Description	Dimension	Pmax
GFD65-TPIO	Gas filter with test point in/out	DN65	6 bar
GFD80-TPIO	Gas filter with test point in/out	DN80	6 bar
GFD100-TPIO	Gas filter with test point in/out	DN100	6 bar

Code	Description	Dimension	Pmax
GFD125-TPIO	Gas filter with test point in/out	DN125	6 bar
GFD150-TPIO	Gas filter with test point in/out	DN150	6 bar

GAS FILTER Screw plugs version - SP



Code	Description	Dimension	Pmax
GF015-SP	Gas filter with screw plugs	½"	6 bar
GF020-SP	Gas filter with screw plugs	¾"	6 bar
GF025-SP	Gas filter with screw plugs	1"	6 bar
GFD25-SP	Gas filter with screw plugs	DN25	6 bar

Code	Description	Dimension	Pmax
GF032-SP	Gas filter with screw plugs	1 ¼"	6 bar
GF040-SP	Gas filter with screw plugs	1 ½"	6 bar
GF050-SP	Gas filter with screw plugs	2"	6 bar
GFD32-SP	Gas filter with screw plugs	DN32	6 bar
GFD40-SP	Gas filter with screw plugs	DN40	6 bar
GFD50-SP	Gas filter with screw plugs	DN50	6 bar

Code	Description	Dimension	Pmax
GFD65-SP	Gas filter with screw plugs	DN65	6 bar
GFD80-SP	Gas filter with screw plugs	DN80	6 bar
GFD100-SP	Gas filter with screw plugs	DN100	6 bar

Code	Description	Dimension	Pmax
GFD125-SP	Gas filter with screw plugs	DN125	6 bar
GFD150-SP	Gas filter with screw plugs	DN150	6 bar

GAS FILTER Peterson plugs version - PP



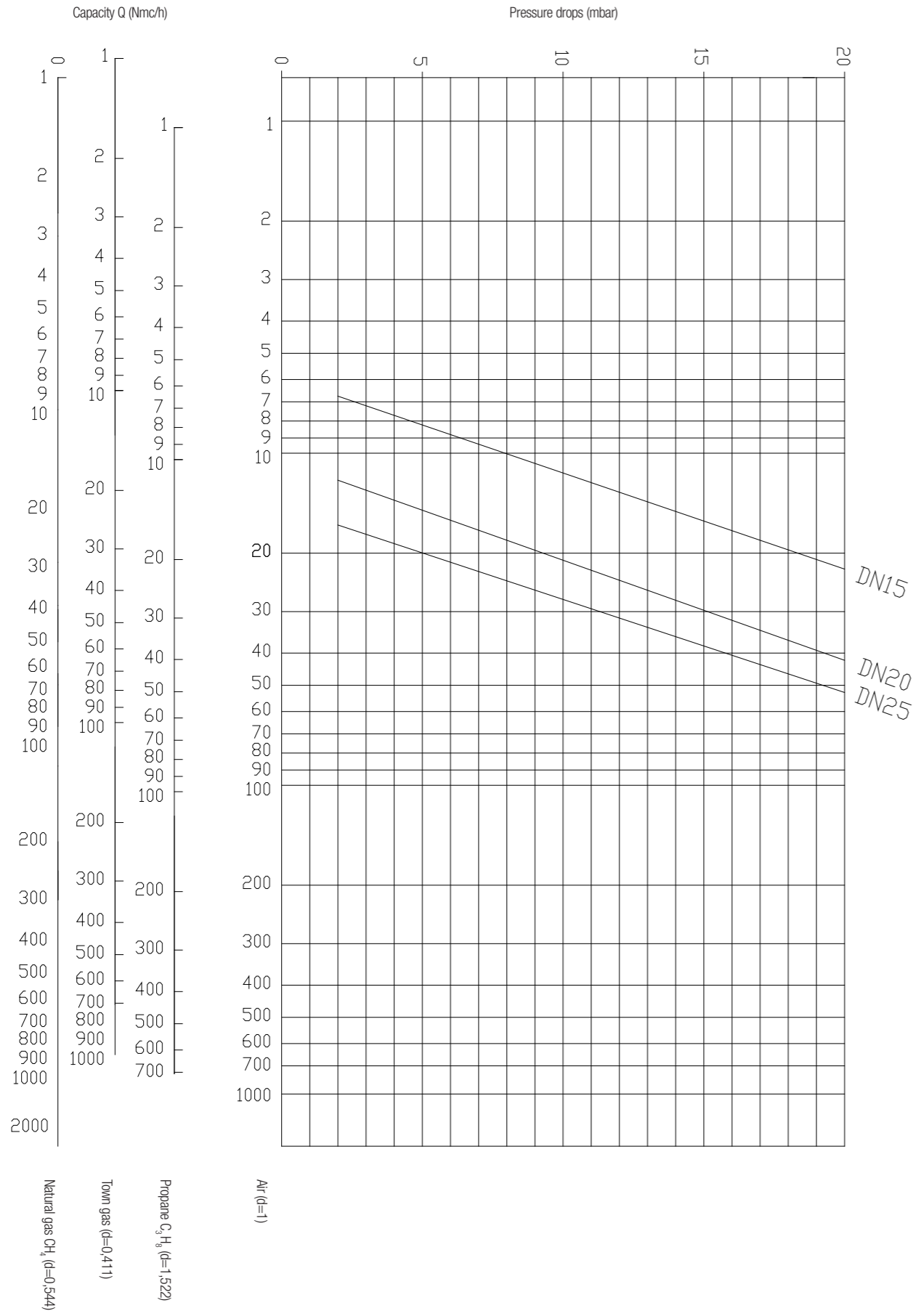
Code	Description	Dimension	Pmax
GF015-PP	Gas filter with Peterson Plug	½"	6 bar
GF020-PP	Gas filter with Peterson Plug	¾"	6 bar
GF025-PP	Gas filter with Peterson Plug	1"	6 bar
GFD25-PP	Gas filter with Peterson Plug	DN25	6 bar

Code	Description	Dimension	Pmax
GF032-PP	Gas filter with Peterson Plug	1 ¼"	6 bar
GF040-PP	Gas filter with Peterson Plug	1 ½"	6 bar
GF050-PP	Gas filter with Peterson Plug	2"	6 bar
GFD32-PP	Gas filter with Peterson Plug	DN32	6 bar
GFD40-PP	Gas filter with Peterson Plug	DN40	6 bar
GFD50-PP	Gas filter with Peterson Plug	DN50	6 bar

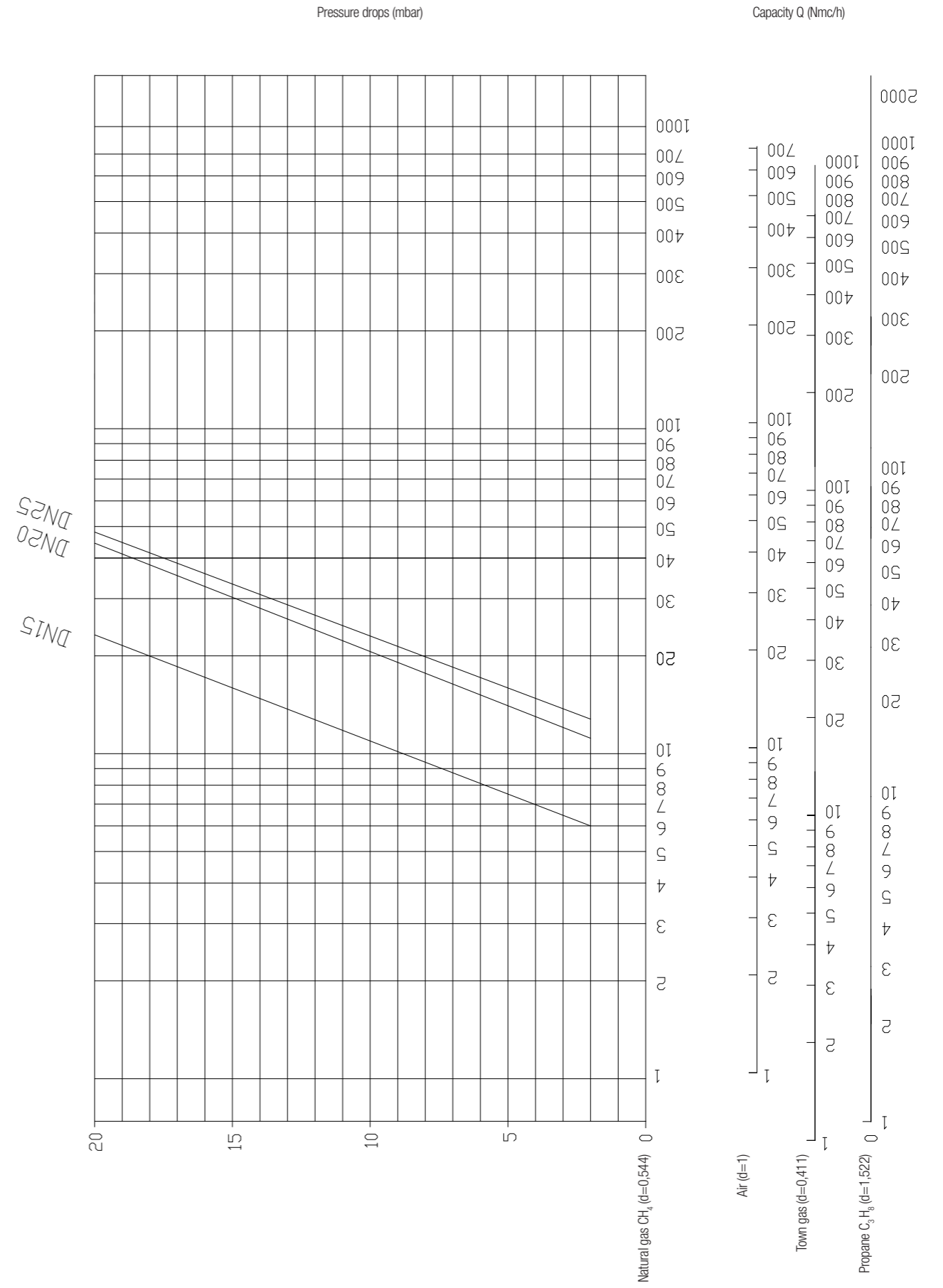
Code	Description	Dimension	Pmax
GFD65-PP	Gas filter with Peterson Plug	DN65	6 bar
GFD80-PP	Gas filter with Peterson Plug	DN80	6 bar
GFD100-PP	Gas filter with Peterson Plug	DN100	6 bar

Code	Description	Dimension	Pmax
GFD125-PP	Gas filter with Peterson Plug	DN125	6 bar
GFD150-PP	Gas filter with Peterson Plug	DN150	6 bar

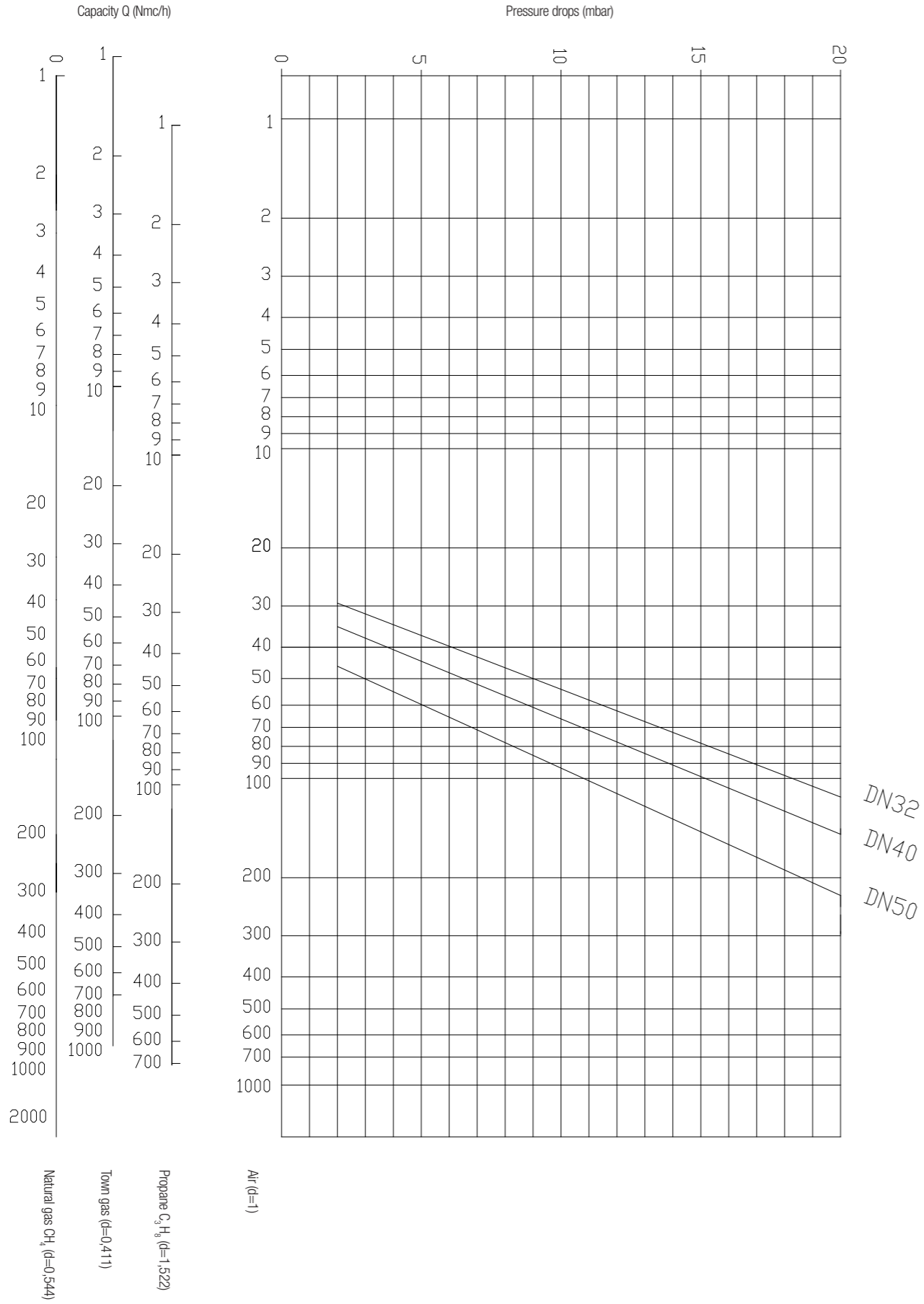
GAS FILTER SC 1/2", 3/4", 1"



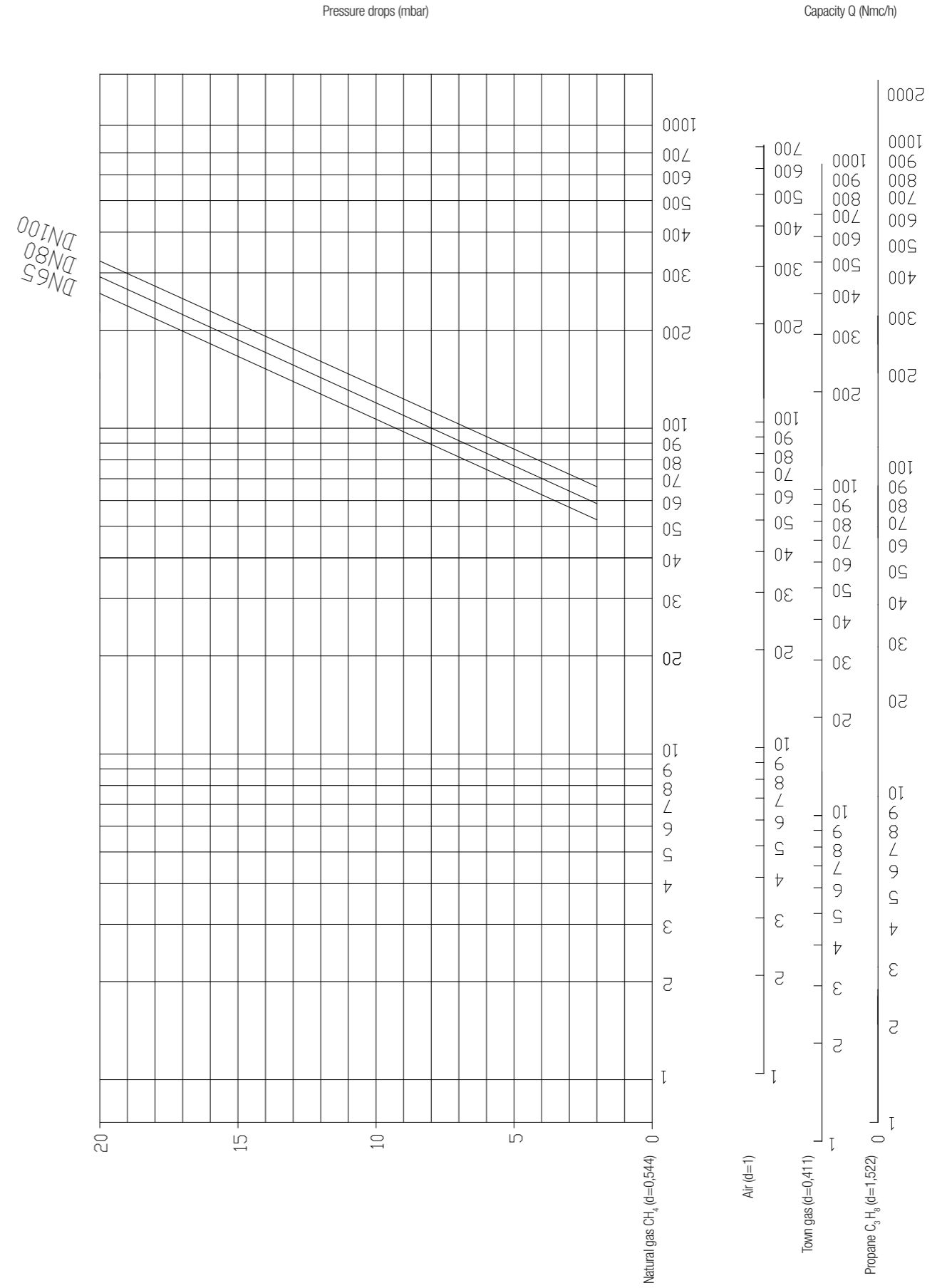
GAS FILTER 1/2", 3/4", 1"



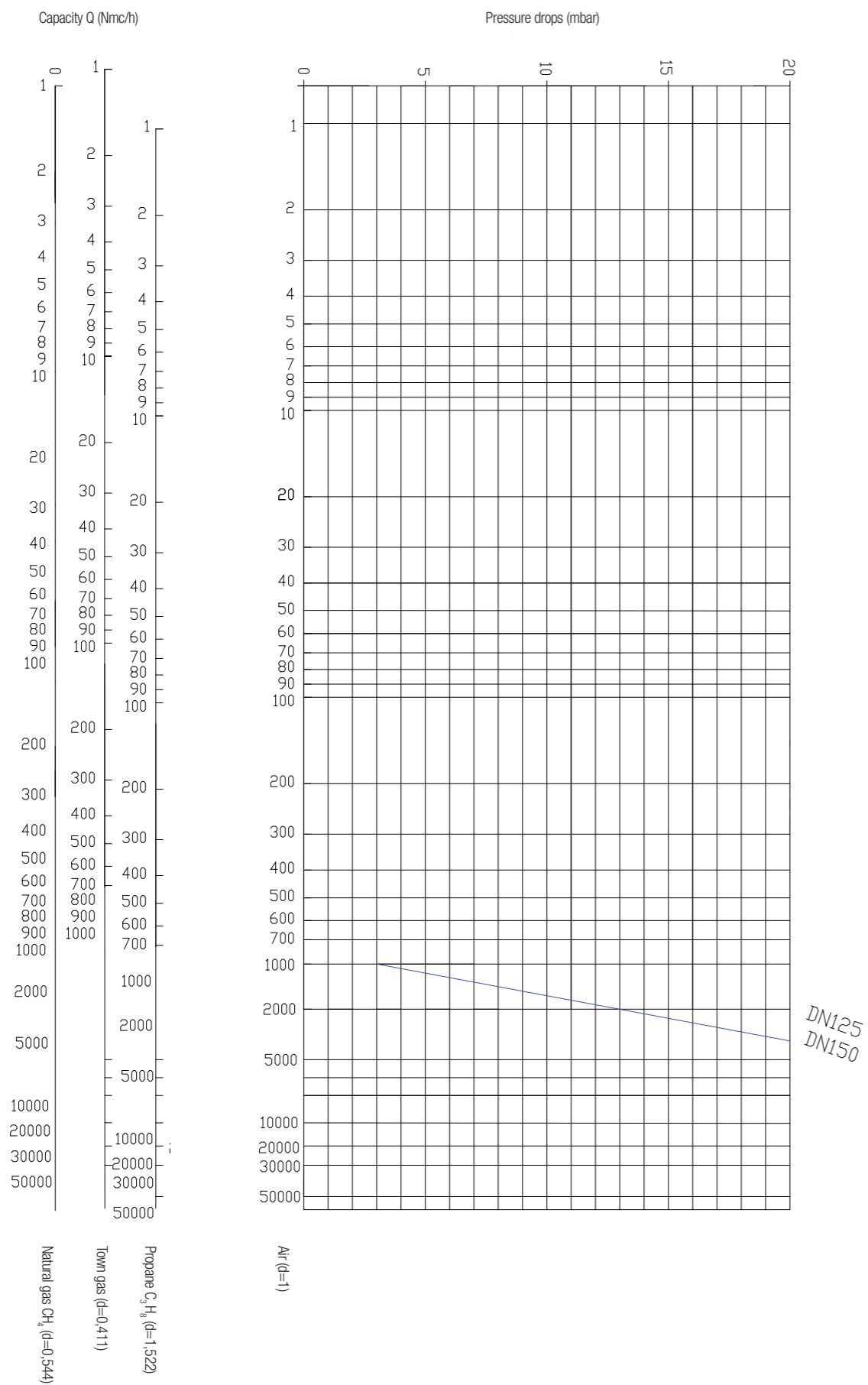
GAS FILTER 1 ¼", 1 ½", 2"



GAS FILTER DN65, DN80, DN100



GAS FILTER DN125 -DN150



DP CLOGGING INDICATOR



DP CLOGGING INDICATOR

Code	Description	Connection	Range
DPI-150	Aluminium body - PN20	¼"	0 – 150 mbar
DPI-300	Aluminium body - PN20	¼"	0 – 300 mbar
DPI-600	Aluminium body – PN20	¼"	0 – 600 mbar
DPI-1000	Aluminium body – PN20	¼"	0 – 1000 mbar

DP CLOGGING INDICATOR with reed switch.

Code	Description	Connection	Range
DPI-150 - RS	Aluminium body - PN20	¼"	0 – 150 mbar
DPI-300 - RS	Aluminium body - PN20	¼"	0 – 300 mbar
DPI-600 - RS	Aluminium body – PN20	¼"	0 – 600 mbar
DPI-1000 - RS	Aluminium body – PN20	¼"	0 – 1000 mbar

FILTER CARTRIDGE



Our filter cartridge is in Viledon with Metallic grid and textile filter element

FILTER CARTRIDGE

Code	Description	Model
FC-1	Filter cartridge 50 µm	GF015SC - GF020SC - GF025SC
FC-2	Filter cartridge 50µm	GF015 - GF020 - GF025 –GFD25
FC-3	Filter cartridge 50 µm	GF032 - GF040 - GF050 –GFD version
FC-4	Filter cartridge 50 µm	GFD65 – GFD80
FC-5	Filter cartridge 50 µm	GFD100
FC-6	Filter cartridge 50 µm	GFD125 – GFD150

Automatic gas valve - Brass Body

» Automatic gas solenoid valves are used for safety and control of gas for shut-off in gas feed pipes. Suitable for various gasses, including Natural gas, Propane and LPG Gas solenoid valve normally closed solenoid that open automatically when the coil is powered and close automatically when there is no tension.

Automatic gas valve - Brass Body

AUTOMATIC GAS SOLENOID VALVE 1/2", 3/4"
BRASS BODY - PMAX 200 MBAR

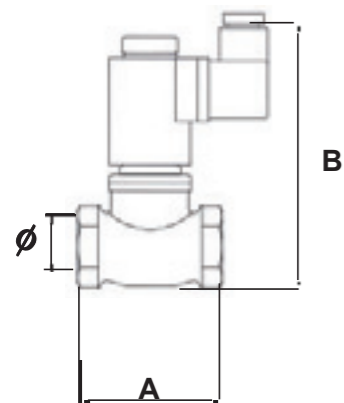
p. 76

Automatic gas solenoid valve 1/2", 3/4" - Brass Body - pmax 200 mbar



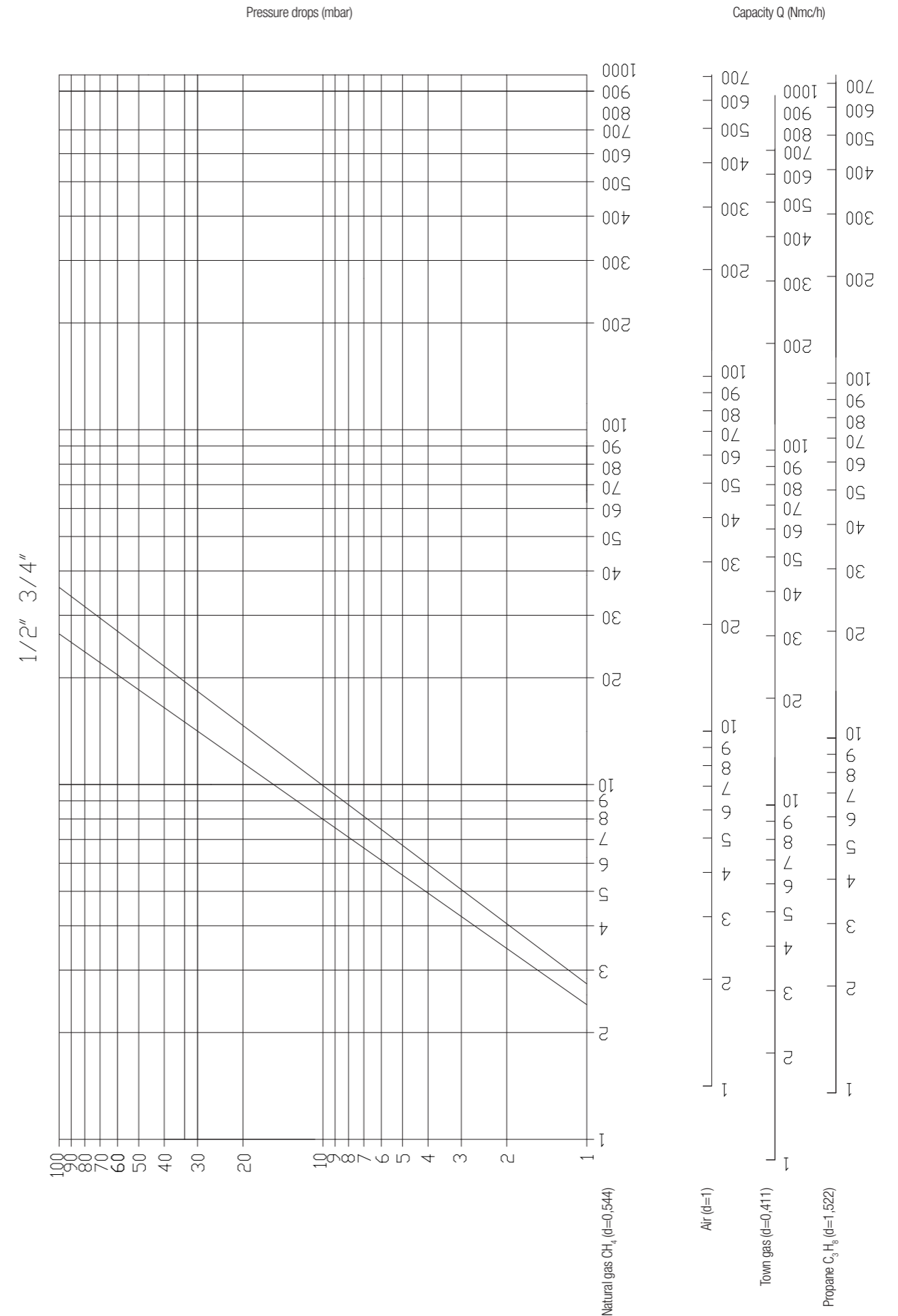
Type	Connections	Flow (m³/h)	Max pressure
AV015	1/2"	4,5	200 mbar
AV020	3/4"	6	200 mbar

DIMENSIONS (mm) and WEIGHT (kgs)			
Dimension	A	B	Ø
AV015	59	107	DN15 - 1/2"
AV020	59	107	DN20 - 3/4"



Dimension	1/2"	3/4"
WEIGHT (kgs)	0,8	0,8

TECHNICAL FEATURES	
Pmax	200 mbar
Inlet connection - outlet	Thread gas 1/2" 3/4" and 1" - ISO 228
Opening time	<1 second
Closing time	<1 second
Max number of operations	30 per minute
Supply voltage	230V (-15%+10%) 50-60Hz 110V (-15%+10%) 50-60Hz 24Vdc (-15%+10%) 50-60Hz
Power	15 VA Coils to class F copper wire class H
Use	Non - aggressive gases - Family 1 - 2 - 3 and air
Working Temperature	- 20 °C - 60 °C
Approval	EN161
Protection degree	IP65
Materials:	
Complete Body	Brass ST-CW617N - EN 12420 - Yellow Painted



Automatic Gas Valves -Pmax 360 mbar

» Automatic gas solenoid valves are used for safety and control of gas for shut-off in gas feed pipes. Suitable for various gasses, including Natural gas, Propane and LPG Gas solenoid valve normally closed solenoid that open automatically when the coil is powered and close automatically when there is no tension.

Automatic Gas Valves

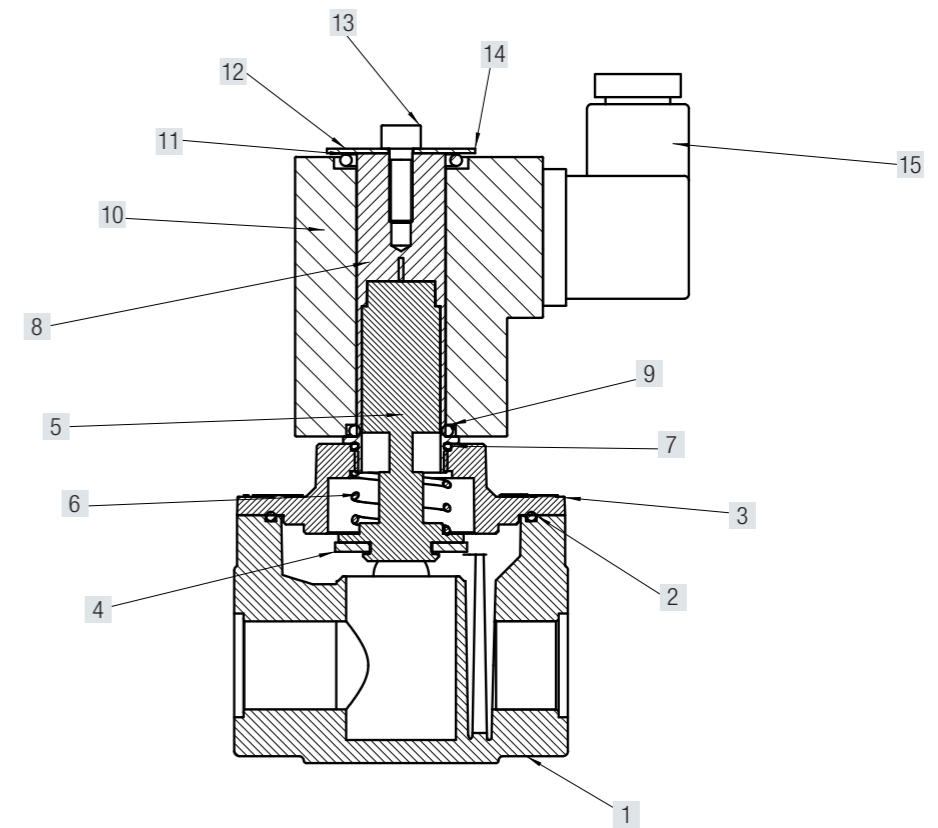
AUTOMATIC GAS VALVES Fast Opening / Fast Closing p. 80
1/2", 3/4" and 1" – 360 mbar

AUTOMATIC GAS VALVES Fast Opening / Fast Closing p. 82
1 1/4", 1 1/2" and 2" – 360 mbar

AUTOMATIC GAS VALVES Fast Opening / Fast Closing p. 84
DN65, DN80, DN100 – 360 mbar



AUTOMATIC GAS VALVES Fast Opening / Fast Closing
1/2", 3/4" and 1" – Pmax 360 mbar



Code	Description	Dimension	Pmax
AV015FO	Gas valve fast opening	1/2"	360 mbar
AV020FO	Gas valve fast opening	3/4"	360 mbar
AV025FO	Gas valve fast opening	1"	360 mbar
AVD25FO	Gas valve fast opening	DN25	360 mbar
AV015FO-FR	Gas valve fast opening Flow regulation	1/2"	360 mbar
AV020FO-FR	Gas valve fast opening Flow regulation	3/4"	360 mbar
AV025FO-FR	Gas valve fast opening Flow regulation	1"	360 mbar
AVD25FO-FR	Gas valve fast opening Flow regulation	DN25	360 mbar
CPI-1	Control position indicator		

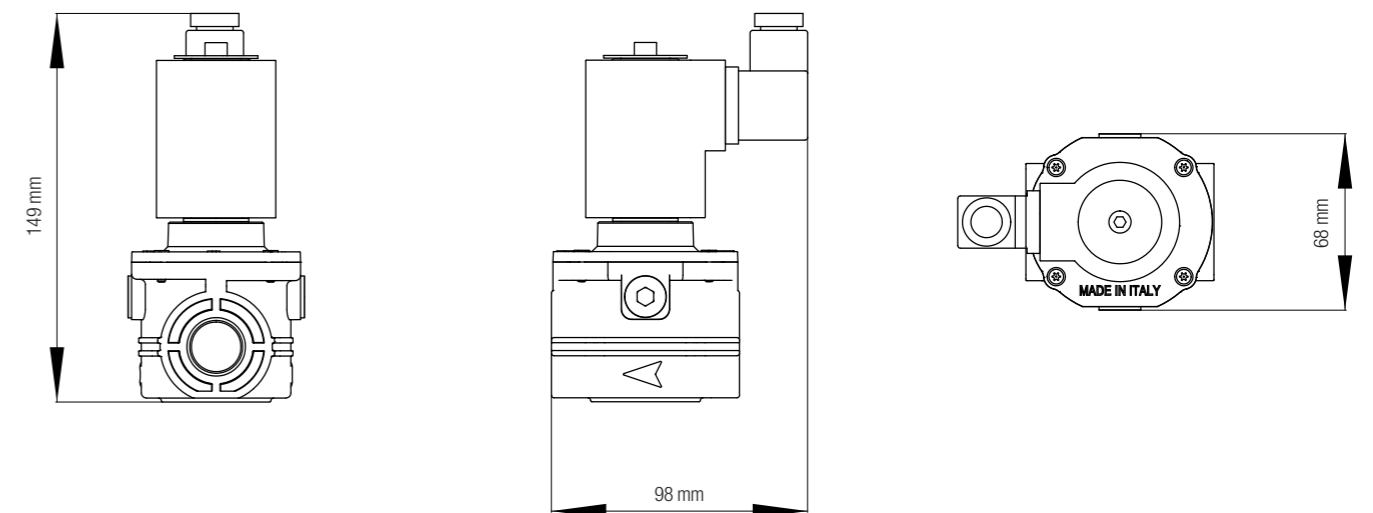
TECHNICAL FEATURES

Pmax	360 mbar
Inlet connection - outlet	Thread gas 1/2" 3/4" and 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Opening time	<1 second
Closing time	<1 second
Max number of operations	20 per minute
Incorporated AISI 303 steel mesh filter on request	
Supply voltage	230V (-15%+10%) 50-60Hz 110V (-15%+10%) 50-60Hz 24Vdc (-15%+10%) 50-60Hz
Power	15 VA Coils to class F copper wire class H
Use	Non – aggressive gases – Family 1 – 2 – 3 and air
Test point	3 connections Screw 1/4" NPT
Working Temperature	- 20 °C – 60 °C
Approval	EN161
Protection degree	IP65

Materials:

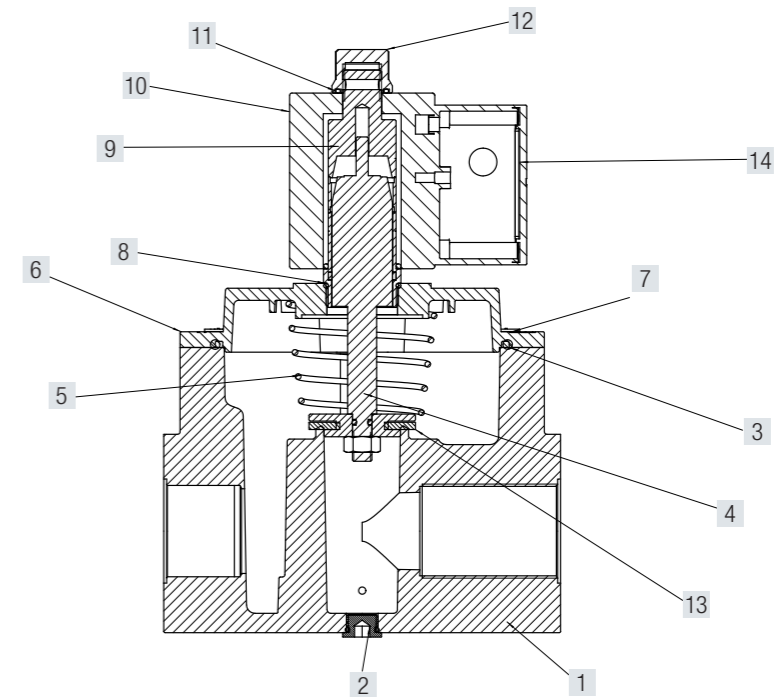
Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
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1	Body	9	O-Ring
2	O-Ring	10	Coil
3	Cover	11	O-Ring
4	Gasket	12	Washer
5	Plunger	13	Screw
6	Spring	14	Washer
7	O-Ring	15	Connector
8	Pilot		



Dimension	1/2"	3/4"	1"
WEIGHT (kgs)	0,8	0,8	0,8

AUTOMATIC GAS VALVES Fast Opening / Fast Closing
1 ¼", 1 ½" and 2" – Pmax 360 mbar



Code	Description	Dimension	Pmax
AV032FO	Gas valve fast opening	1 ¼"	360 mbar
AV040FO	Gas valve fast opening	1 ½"	360 mbar
AV050FO	Gas valve fast opening	2"	360 mbar
AVD32FO	Gas valve fast opening	DN32	360 mbar
AVD40FO	Gas valve fast opening	DN40	360 mbar
AVD50FO	Gas valve fast opening	DN50	360 mbar

AV032FO-FR	Gas valve fast opening Flow regulation	1 ¼"	360 mbar
AV040FO-FR	Gas valve fast opening Flow regulation	1 ½"	360 mbar
AV050FO-FR	Gas valve fast opening Flow regulation	2"	360 mbar
AVD32FO-FR	Gas valve fast opening Flow regulation	DN32	360 mbar
AVD40FO-FR	Gas valve fast opening Flow regulation	DN40	360 mbar
AVD50FO-FR	Gas valve fast opening Flow regulation	DN50	360 mbar

CPI-2	Control position indicator
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TECHNICAL FEATURES

Pmax	360 mbar
Inlet connection -outlet	Thread gas 1 ¼", 1 ½" and 2" - ISO 228 DN32 DN40 DN50 - Sliding Aluminium flange PN10
Opening time	<1 second
Closing time	<1 second
Max number of operations	20 per minute

Incorporated AISI 303 steel mesh filter on request

Supply voltage	230V (-15%+10%) 50-60Hz 110V (-15%+10%) 50-60Hz 24Vdc (-15%+10%) 50-60Hz
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Power	230Vac1 1/4"-11/2"-PeakPower40W- Maintain power4W 2"-Peakpower130W- Maintain power 1,5W Coils to class F copper wire class H
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Use	Non – aggressive gases – Family 1 – 2 – 3 and air
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Test point	5 connections Screw ¼" NPT
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Working Temperature	- 20 °C – 60 °C
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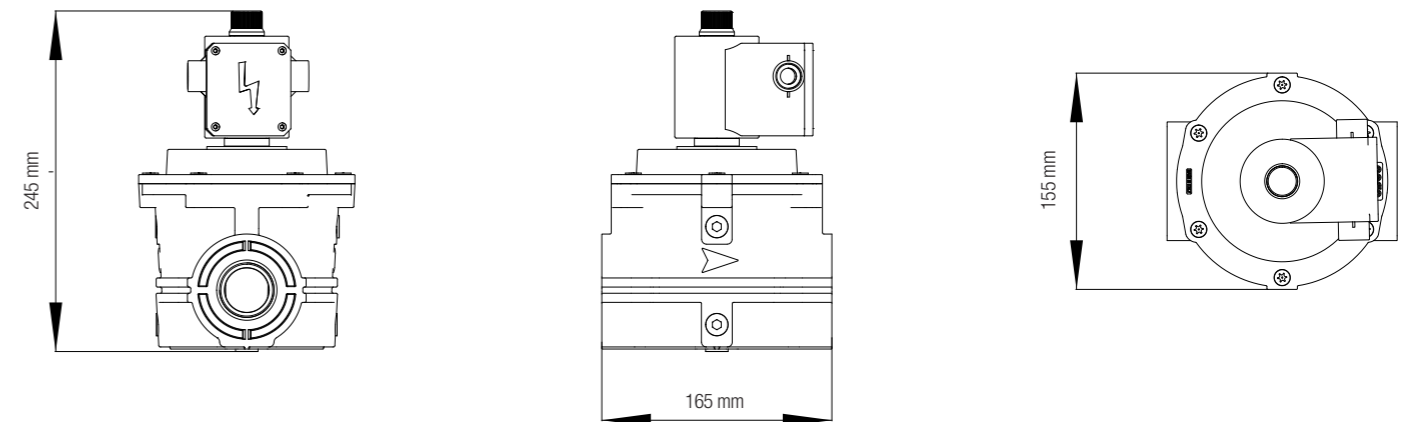
Approval	EN161
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Protection degree	IP65
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Materials:

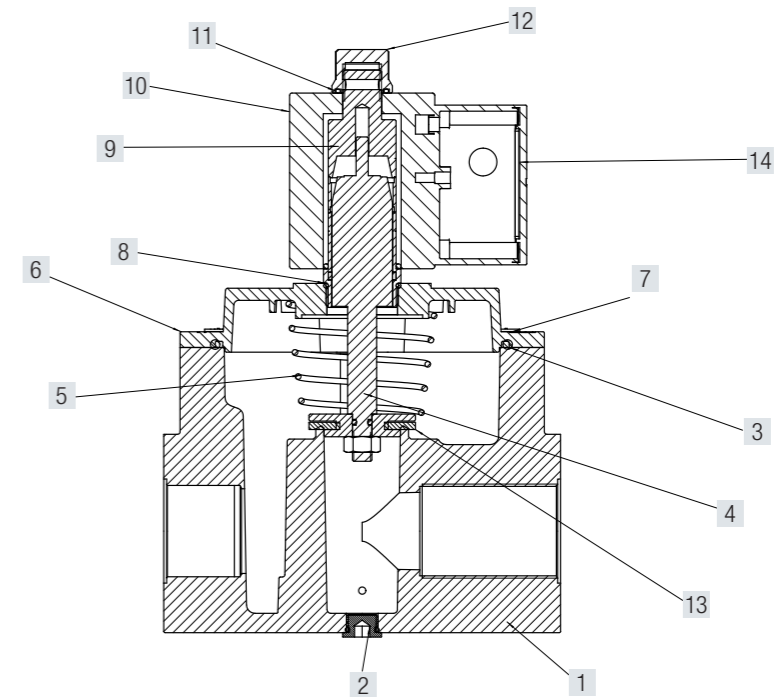
Complete Body	Die – Cast Aluminium Gd – AISi12Cu - EN AB 46100
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1	Body	8	O-Ring
2	Screw Plugs	9	Pilot
3	O-Ring	10	Coil
4	Plunger	11	O-Ring
5	Spring	12	Locking Ring
6	Cover	13	Gasket
7	Screw	14	Connector



Dimension	1 ¼"	1 ½"	2"
WEIGHT (kgs)	4,2	4,2	4,6

AUTOMATIC GAS VALVES Fast Opening / Fast Closing - Coil encapsulated with fibre-glass reinforced polyamide 1 ¼", 1 ½" – Pmax 360 mbar



Code	Description	Dimension	Pmax
AV032FO-EC	Gas valve fast opening	1 ¼"	360 mbar
AV040FO-EC	Gas valve fast opening	1 ½"	360 mbar
AVD32FO-EC	Gas valve fast opening	DN32	360 mbar
AVD40FO-EC	Gas valve fast opening	DN40	360 mbar
CPI-2	Control position indicator		

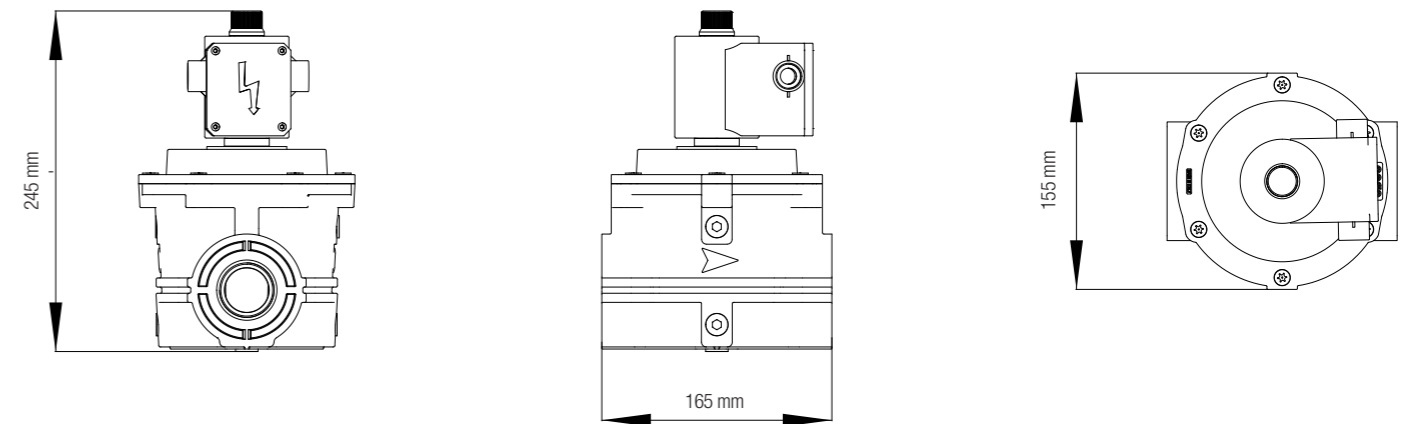
TECHNICAL FEATURES

Pmax	360 mbar
Inlet connection -outlet	Thread gas 1 ¼", 1 ½" - ISO 228 DN32 DN40 - Sliding Aluminium flange PN10
Opening time	<1 second
Closing time	<1 second
Max number of operations	20 per minute
Incorporated AISI 303 steel mesh filter on request	
Supply voltage	230V (-15%+10%) 50-60Hz
Power	37W Coils to class F copper wire class H
Use	Non – aggressive gases – Family 1 – 2 – 3 and air
Test point	5 connections Screw ¼" NPT
Working Temperature	- 20 °C – 60 °C
Approval	EN161
Protection degree	IP65

Materials:

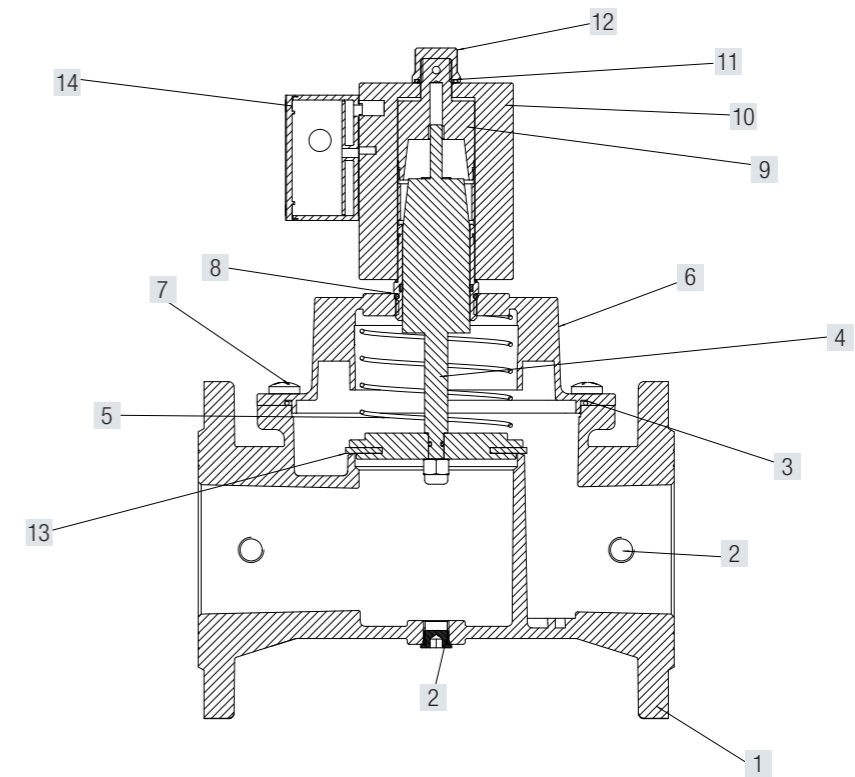
Complete Body	Die – Cast Aluminium Gd – AISI12Cu - EN AB 46100
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1	Body	8	O-Ring
2	Screw Plugs	9	Pilot
3	O-Ring	10	Coil
4	Plunger	11	O-Ring
5	Spring	12	Locking Ring
6	Cover	13	Gasket
7	Screw	14	Connector



Dimension	1 ¼"	1 ½"
WEIGHT (kgs)	4,0	4,0

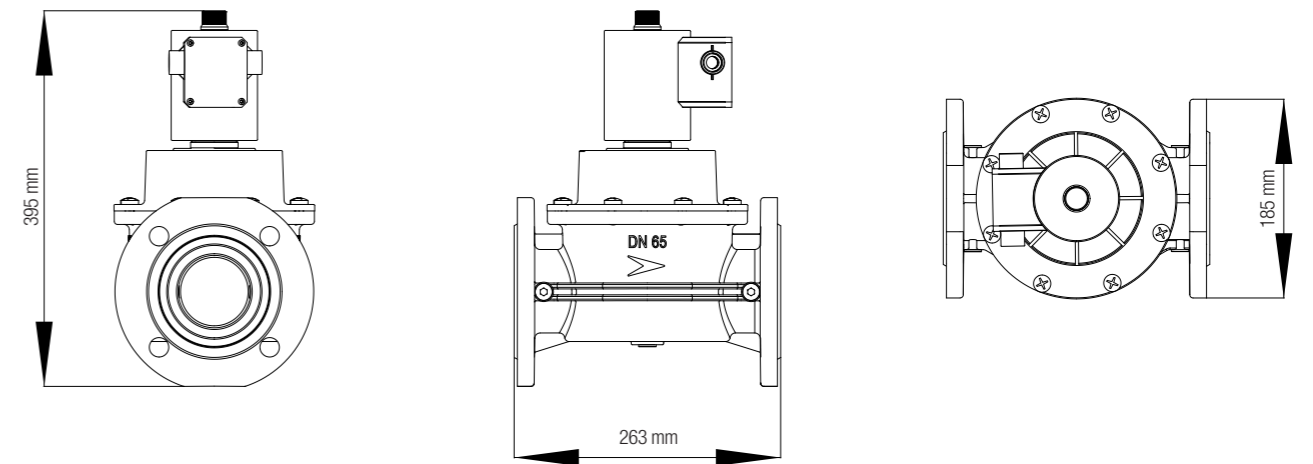
AUTOMATIC GAS VALVES Fast Opening / Fast Closing
DN65, DN80, DN100 – Pmax 360 mbar



Code	Description	Dimension	Pmax
AVD65FO	Gas valve fast opening	DN65	360 mbar
AVD80FO	Gas valve fast opening	DN80	360 mbar
AVD100FO	Gas valve fast opening	DN100	360 mbar
AVD65FO-FR	Gas valve fast opening Flow regulation	DN65	360 mbar
AVD80FO-FR	Gas valve fast opening Flow regulation	DN80	360 mbar
AVD100FO-FR	Gas valve fast opening Flow regulation	DN100	360 mbar
CPI-3	Control position indicator DN65-DN80		
CPI-4	Control position indicator DN100		

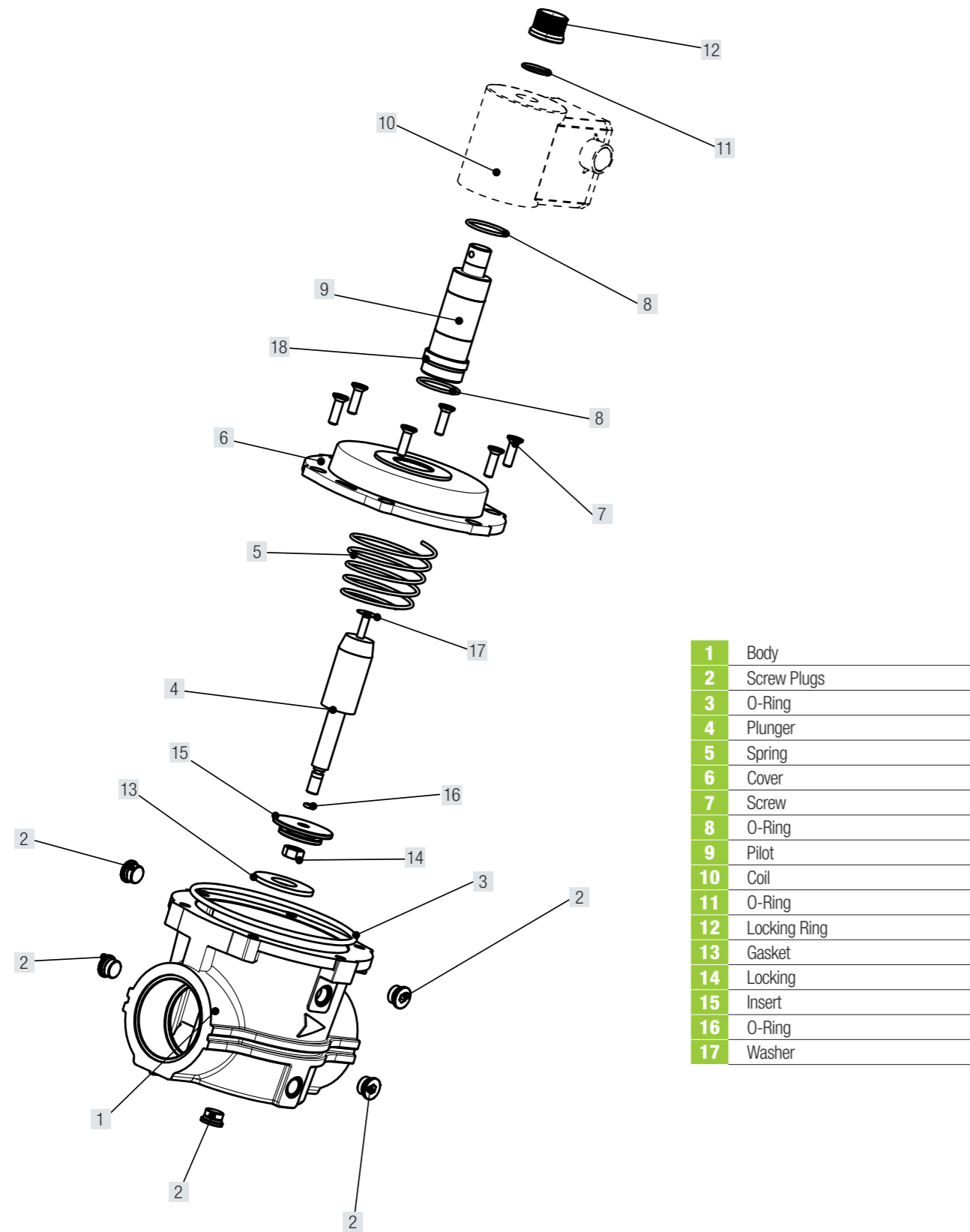
TECHNICAL FEATURES	
Pmax	360 mbar
Inlet connection	Flanged – DN65 – DN80 – DN100 – PN16
Outlet	Flanged – DN65 – DN80 – DN100 – PN16
Opening time	<1 second
Closing time	<1 second
Max number of operations	15 per minute
Incorporated AISI 303 steel mesh filter	
Supply voltage	230V (-15%+10%) 50-60Hz. 110V (-15%+10%) 50-60Hz. 24Vdc (-15%+10%) 50-60Hz
Power	230Vac DN65 - DN80 - DN100 Peak power 400W - Maintain power 4W Coils to class F copper wire class H
Use	Non – aggressive gases – Family 1 – 2 – 3 and air
Test point	5 connections Screw ¼" NPT
Working Temperature	- 20 °C – 60 °C
Approval	EN161
Protection degree	IP65
Materials:	
Complete Body	Aluminium EN AC 43100

- | | |
|----------------------|------------------------|
| 1 Body | 8 O-Ring |
| 2 Screw Plugs | 9 Pilo |
| 3 O-Ring | 10 Coil |
| 4 Plunger | 11 O-Ring |
| 5 Spring | 12 Locking Ring |
| 6 Cover | 13 Gasket |
| 7 Screw | 14 Connector |



Dimension	DN65	DN80	DN100
WEIGHT (kgs)	9,6	9,6	15,8

ASSEMBLY OVERVIEW



- 1** Body
- 2** Screw Plugs
- 3** O-Ring
- 4** Plunger
- 5** Spring
- 6** Cover
- 7** Screw
- 8** O-Ring
- 9** Pilot
- 10** Coil
- 11** O-Ring
- 12** Locking Ring
- 13** Gasket
- 14** Locking
- 15** Insert
- 16** O-Ring
- 17** Washer

SPARE PARTS – ACCESSORIES

COIL

Code	Description	Model
20502719	Coil 230 Vac	½" - ¾" – 1"
80501589	Coil 230 Vac	1 ¼" – 1 ½"
80501590	Coil 230 Vac	2"
80501591	Coil 230 Vac	DN65 – DN80
80501592	Coil 230 Vac	DN100

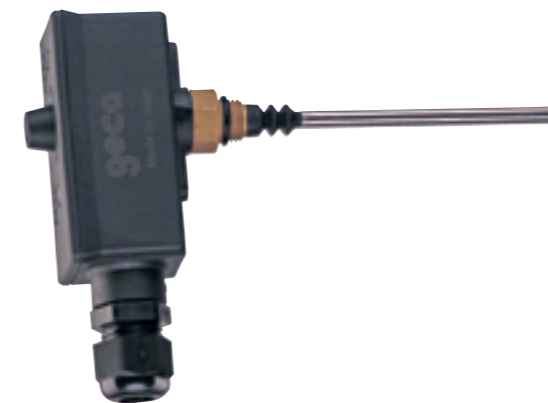
ELECTRONIC BOARD

Code	Description	Model
21802429	Electronic board 230 Vac	½" - ¾" – 1"
81801620	Electronic board - 230 Vac	1 ¼" – 1 ½"
81801621	Electronic board - 230 Vac	2"
81801622	Electronic board - 230 Vac	DN65 – DN80
81801623	Electronic board - 230 Vac	DN100

COIL – ELECTRONIC BOARD – PLASTIC COVER

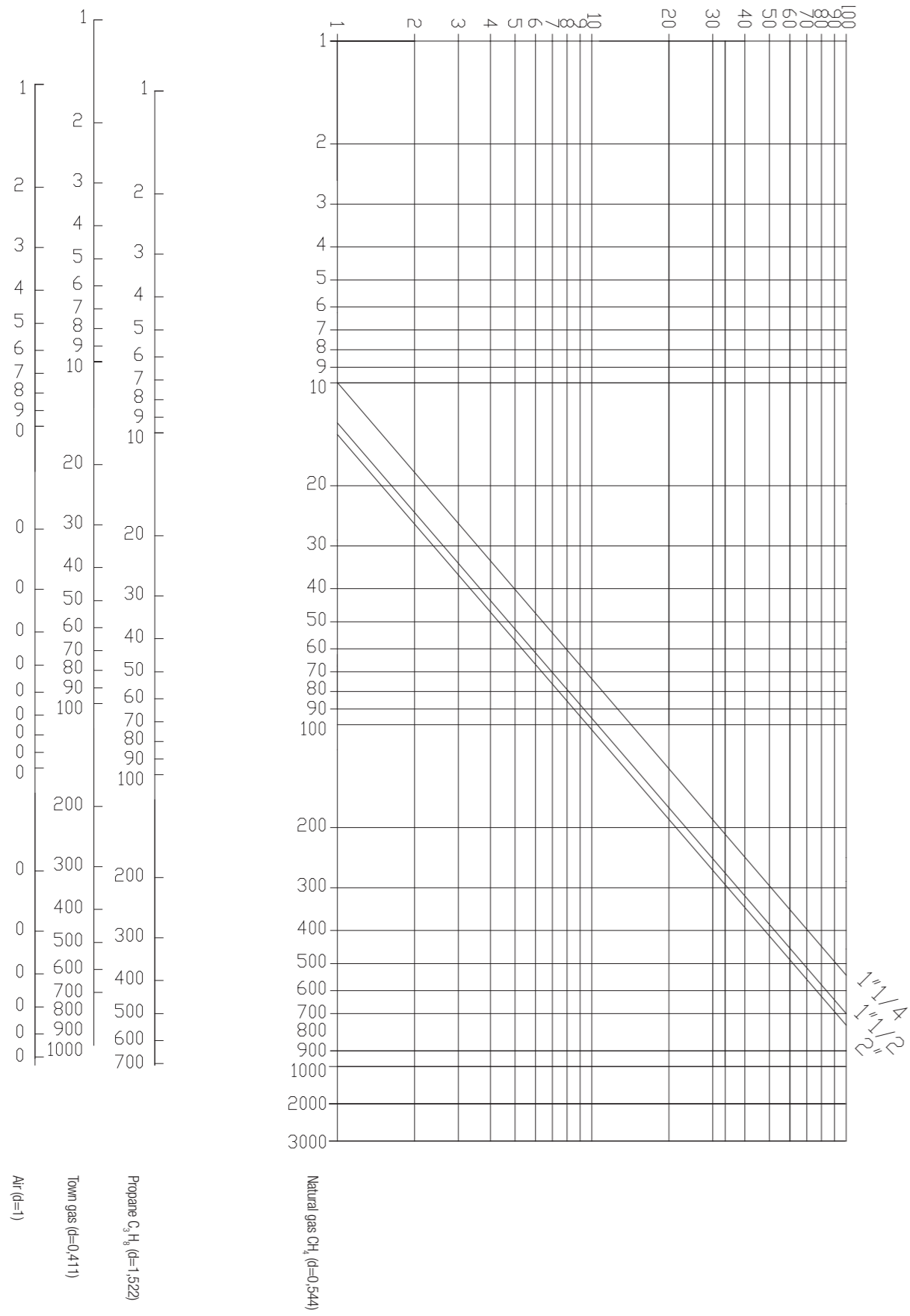
Code	Description	Model
80521593	Coil – Electronic board – Plastic cover	1 ¼" – 1 ½"
80521594	Coil – Electronic board – Plastic cover	2"
80521595	Coil – Electronic board – Plastic cover	DN65 – DN80
80521596	Coil – Electronic board – Plastic cover	DN100

CPI CONTROL POSITION INDICATOR

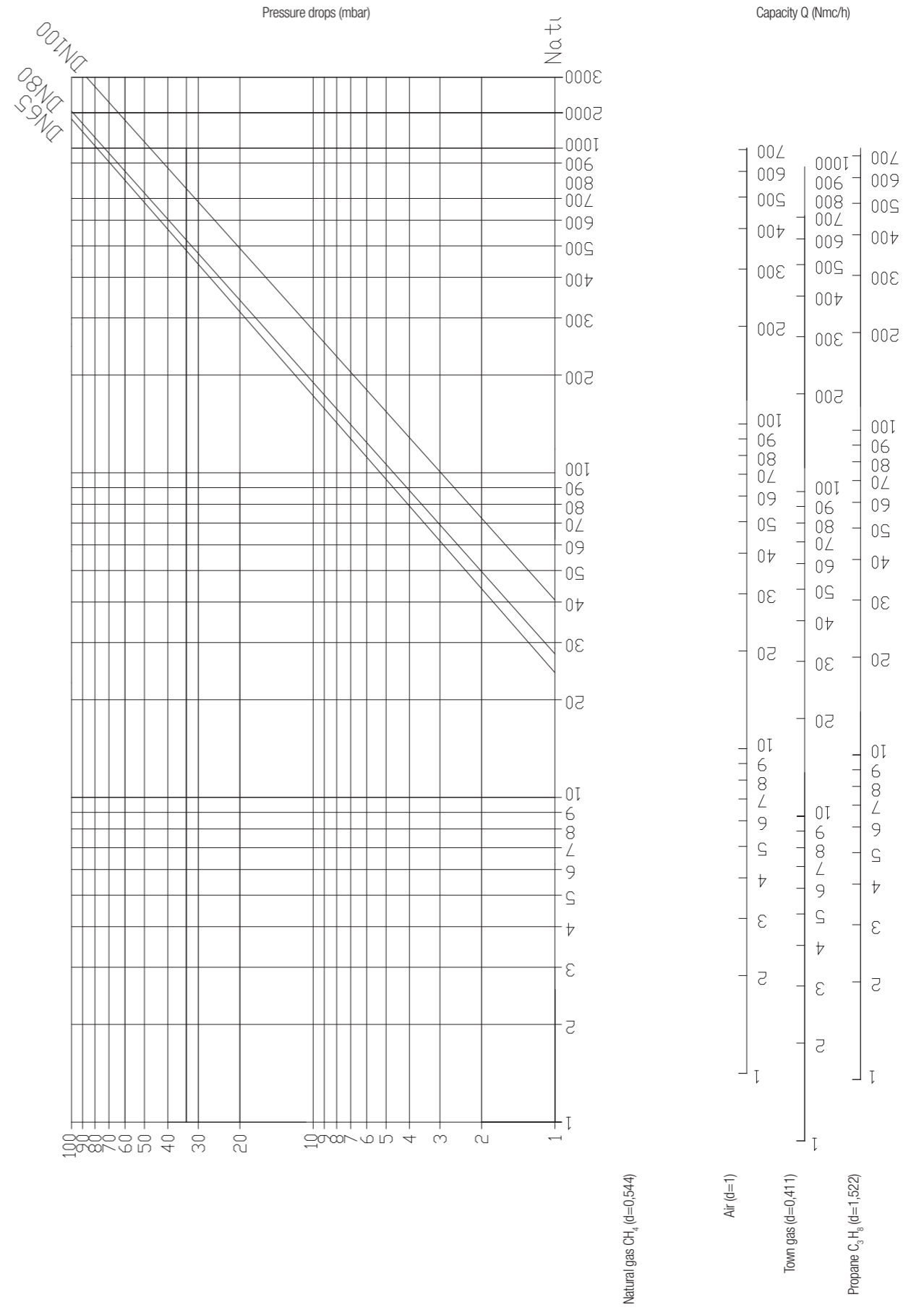


Code	Description	Model
CP1 – 1	Control position indicator	½", ¾", 1"
CP1 – 2	Control position indicator	1 ¼", 1 ½", 2"
CP1 – 3	Control position indicator	DN65 – DN80
CP1 – 4	Control position indicator	DN100

AUTOMATIC VALVE 1 1/4", 1 1/2", 2"



AUTOMATIC VALVE DN65, DN80, DN100



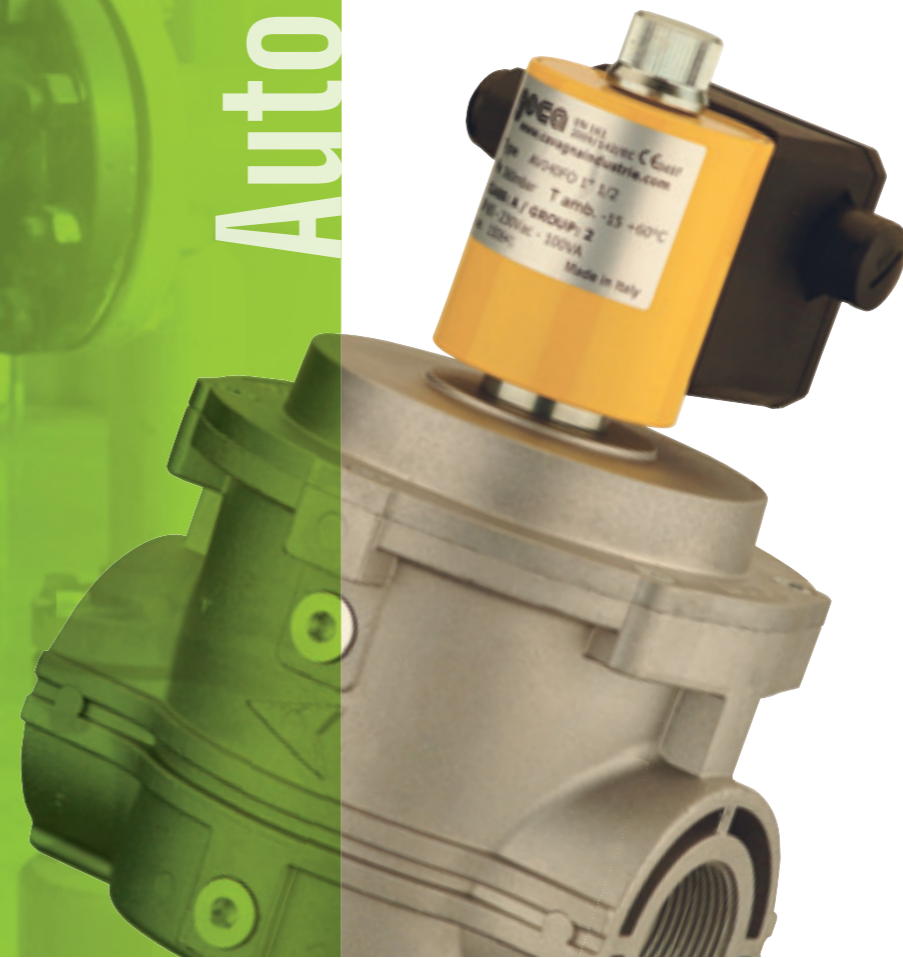
Automatic Gas Valves - Pmax 6 bar

» Automatic gas solenoid valves are used for safety and control of gas for shut-off in gas feed pipes. Suitable for various gasses, including Natural gas, Propane and LPG Gas solenoid valve normally closed solenoid that open automatically when the coil is powered and close automatically when there is no tension.

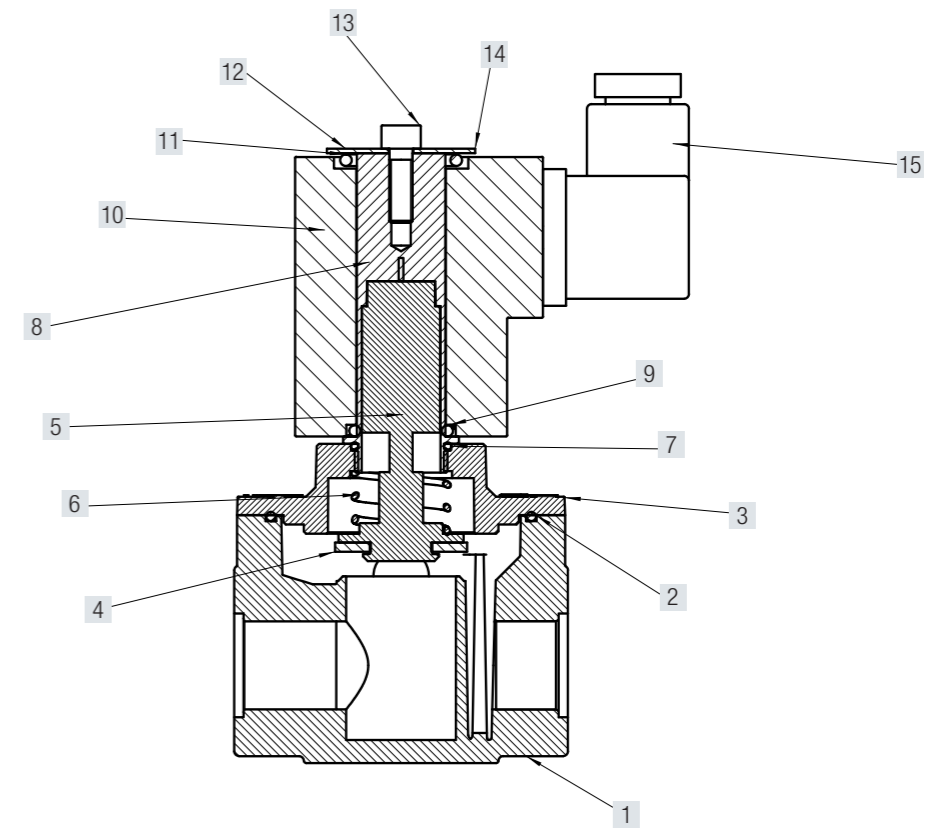
Automatic Gas Valves

AUTOMATIC GAS VALVES Fast Opening / Fast Closing
1/2", 3/4" and 1" – 6 bar p. 96

AUTOMATIC GAS VALVES Fast Opening / Fast Closing
1 1/4", 1 1/2" and 2" – 6 bar p. 98



AUTOMATIC GAS VALVES Fast Opening / Fast Closing
1/2", 3/4" and 1" – Pmax 6 bar



Code	Description	Dimension	Pmax
AV015FO-6B	Gas valve fast opening	1/2"	6 bar
AV020FO-6B	Gas valve fast opening	3/4"	6 bar
AV025FO-6B	Gas valve fast opening	1"	6 bar
AVD025FO-6B	Gas valve fast opening	DN25	6 bar
AV015FO-FR-6B	Gas valve fast opening Flow regulation	1/2"	6 bar
AV020FO-FR-6B	Gas valve fast opening Flow regulation	3/4"	6 bar
AV025FO-FR-6B	Gas valve fast opening Flow regulation	1"	6 bar
AVD025FO-FR-6B	Gas valve fast opening Flow regulation	DN25	6 bar
CPI-1-6B	Control position indicator		

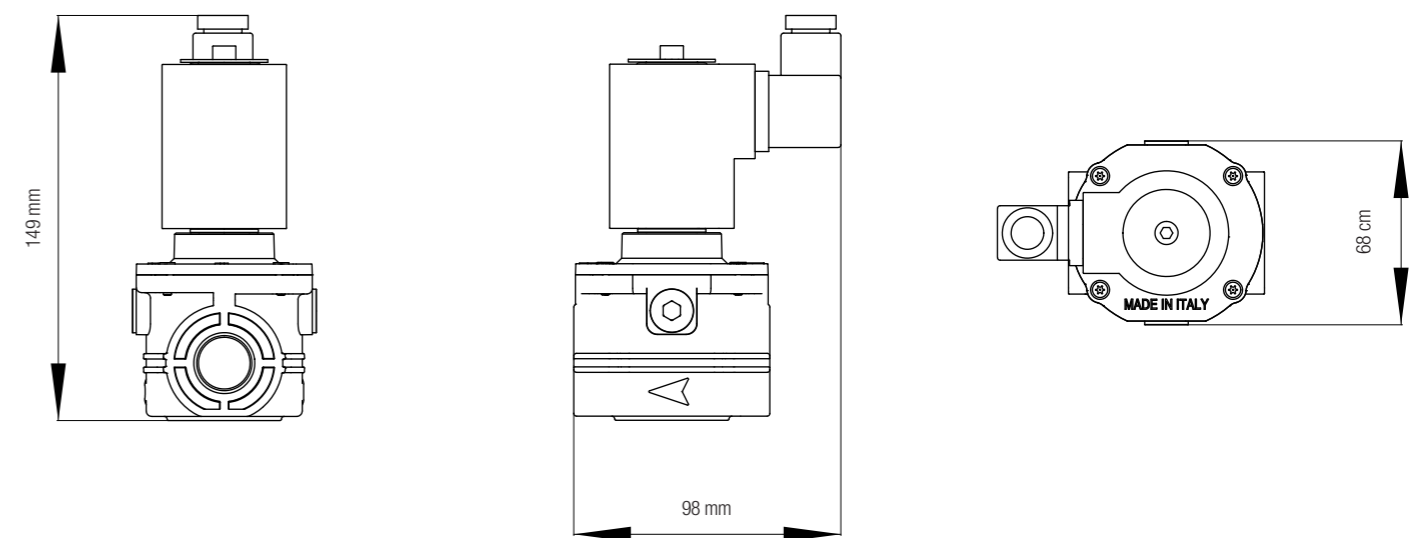
TECHNICAL FEATURES

Pmax	6 bar
Inlet connection - outlet	Thread gas 1/2" 3/4" and 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Opening time	<1 second
Closing time	<1 second
Max number of operations	20 per minute
	Incorporated AISI 303 steel mesh filter on request
Supply voltage	230V (-15%+10%) 50-60Hz 110V (-15%+10%) 50-60Hz 24Vdc (-15%+10%) 50-60Hz
Power	15 VA Coils to class F copper wire class H
Use	Non - aggressive gases - Family 1 - 2 - 3 and air
Test point	3 connections Screw 1/4" NPT
Working Temperature	- 20 °C - 60 °C
Approval	EN161
Protection degree	IP65

Materials:

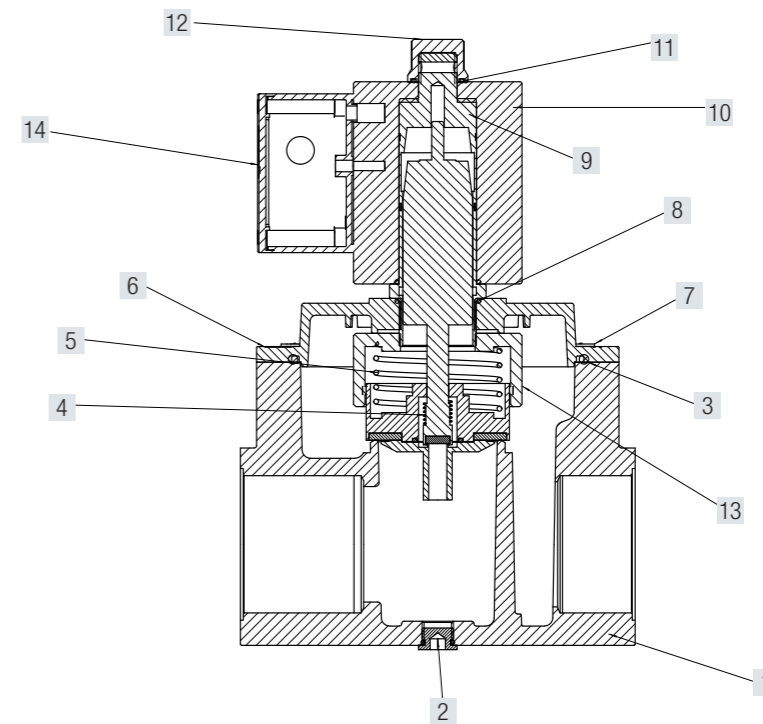
Complete Body	Die - Cast Aluminium Gd - AISi12Cu - EN AB 46100
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1	Body	9	O-Ring
2	O-Ring	10	Coil
3	Cover	11	O-Ring
4	Gasket	12	Washer
5	Plunger	13	Screw M5
6	Spring	14	Washer
7	O-Ring	15	Connector
8	Pilot		



Dimension	1/2"	3/4"	1"
WEIGHT (kgs)	0,8	0,8	0,8

AUTOMATIC GAS VALVES Fast Opening / Fast Closing
1 ¼", 1 ½" and 2" – Pmax 6 bar



Code	Description	Dimension	Pmax
AV032FO-6B	Gas valve fast opening	1 ¼"	6 bar
AV040FO-6B	Gas valve fast opening	1 ½"	6 bar
AV050FO-6B	Gas valve fast opening	2"	6 bar
AVD32FO-6B	Gas valve fast opening	DN32	6 bar
AVD40FO-6B	Gas valve fast opening	DN40	6 bar
AVD50FO-6B	Gas valve fast opening	DN50	6 bar

AV032FO-FR-6B	Gas valve fast opening Flow regulation	1 ¼"	6 bar
AV040FO-FR-6B	Gas valve fast opening Flow regulation	1 ½"	6 bar
AV050FO-FR-6B	Gas valve fast opening Flow regulation	2"	6 bar
AVD32FO-FR-6B	Gas valve fast opening Flow regulation	DN32	6 bar
AVD40FO-FR-6B	Gas valve fast opening Flow regulation	DN40	6 bar
AVD50FO-FR-6B	Gas valve fast opening Flow regulation	DN50	6 bar

CPI-2-6B	Control position indicator
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TECHNICAL FEATURES

Pmax 6 bar

Inlet connection - outlet Thread gas 1 ¼", 1 ½" and 2" - ISO 228
 DN32 DN40 DN50 - Sliding Aluminium flange PN10

Opening time <1 second
Closing time <1 second

Max number of operations 20 per minute

Incorporated AISI 303 steel mesh filter on request

Supply voltage 230V (-15%+10%) 50-60Hz
 110V (-15%+10%) 50-60Hz
 24Vdc (-15%+10%) 50-60Hz

Power 230Vac1
 1/4"-11/2"-PeakPower 40W-Maintain power 4W
 2"-Peakpower 130W- Maintain power 1,5W
 Coils to class F copper wire class H

Use Non – aggressive gases – Family 1 – 2 – 3 and air

Test point 5 connections
 Screw ¼" NPT

Working Temperature - 20 °C – 60 °C

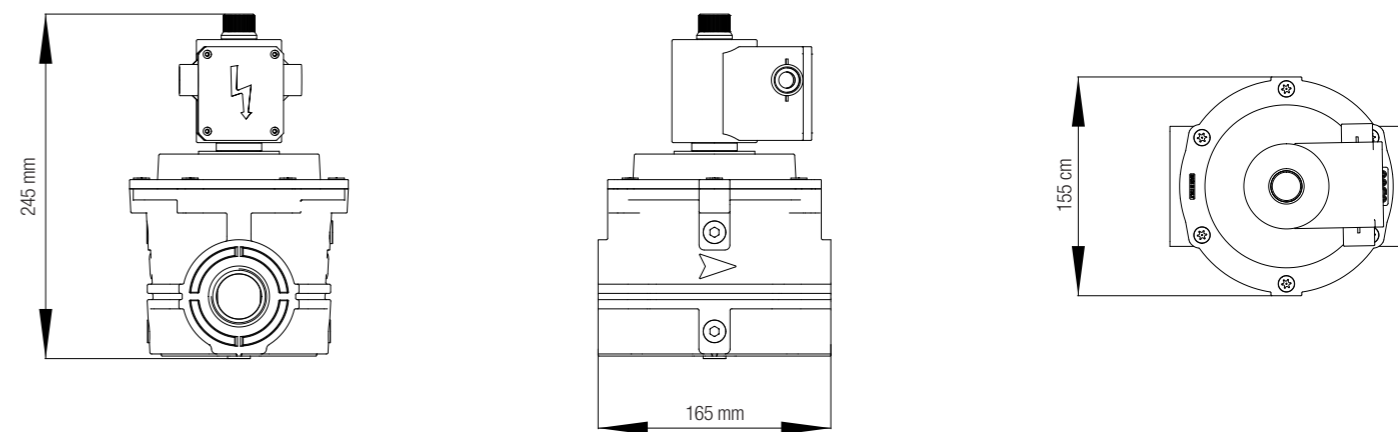
Approval EN161

Protection degree IP65

Materials:

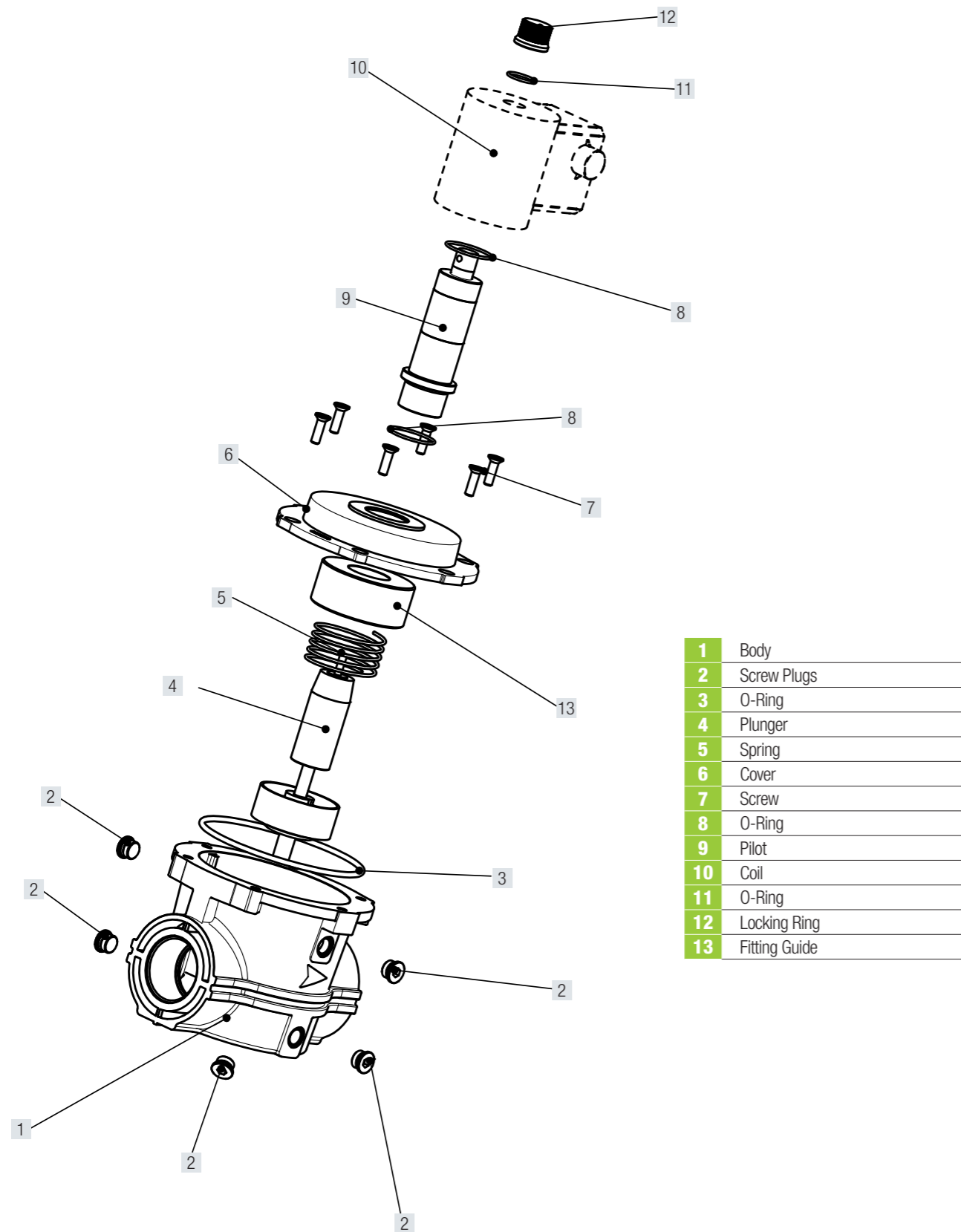
Complete Body Die – Cast Aluminium Gd – AISI12Cu - EN AB 46100

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|---|-------------|----|---------------|
| 1 | Body | 8 | O-Ring |
| 2 | Screw Plugs | 9 | Pilot |
| 3 | O-Ring | 10 | Coil |
| 4 | Plunger | 11 | O-Ring |
| 5 | Spring | 12 | Locking Ring |
| 6 | Cover | 13 | Fitting Guide |
| 7 | Screw | 14 | Connector |



Dimension	1 ¼"	1 ½"	2"
WEIGHT (kgs)	4,2	4,2	4,6

ASSEMBLY OVERVIEW



- 1** Body
- 2** Screw Plugs
- 3** O-Ring
- 4** Plunger
- 5** Spring
- 6** Cover
- 7** Screw
- 8** O-Ring
- 9** Pilot
- 10** Coil
- 11** O-Ring
- 12** Locking Ring
- 13** Fitting Guide

SPARE PARTS – ACCESSORIES

COIL

Code	Description	Model
20502719	Coil 230 Vac	½" - ¾" - 1"
80501589	Coil 230 Vac	1 ¼" - 1 ½"
80501590	Coil 230 Vac	2"

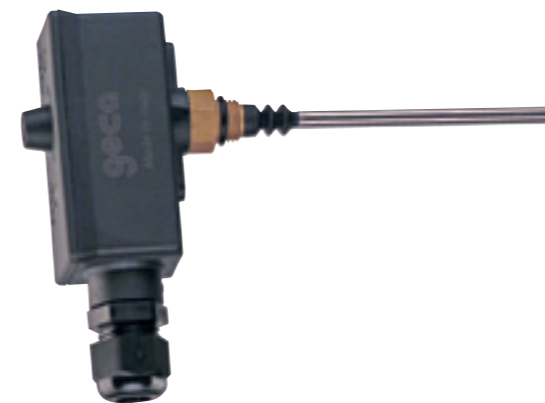
ELECTRONIC BOARD

Code	Description	Model
21802429	Electronic board 230 Vac	½" - ¾" - 1"
81801620	Electronic board - 230 Vac	1 ¼" - 1 ½"
81801621	Electronic board - 230 Vac	2"

COIL – ELECTRONIC BOARD

Code	Description	Model
80521593	Coil – Electronic board – Plastic cover	1 ¼" - 1 ½"
80521594	Coil – Electronic board – Plastic cover	2"

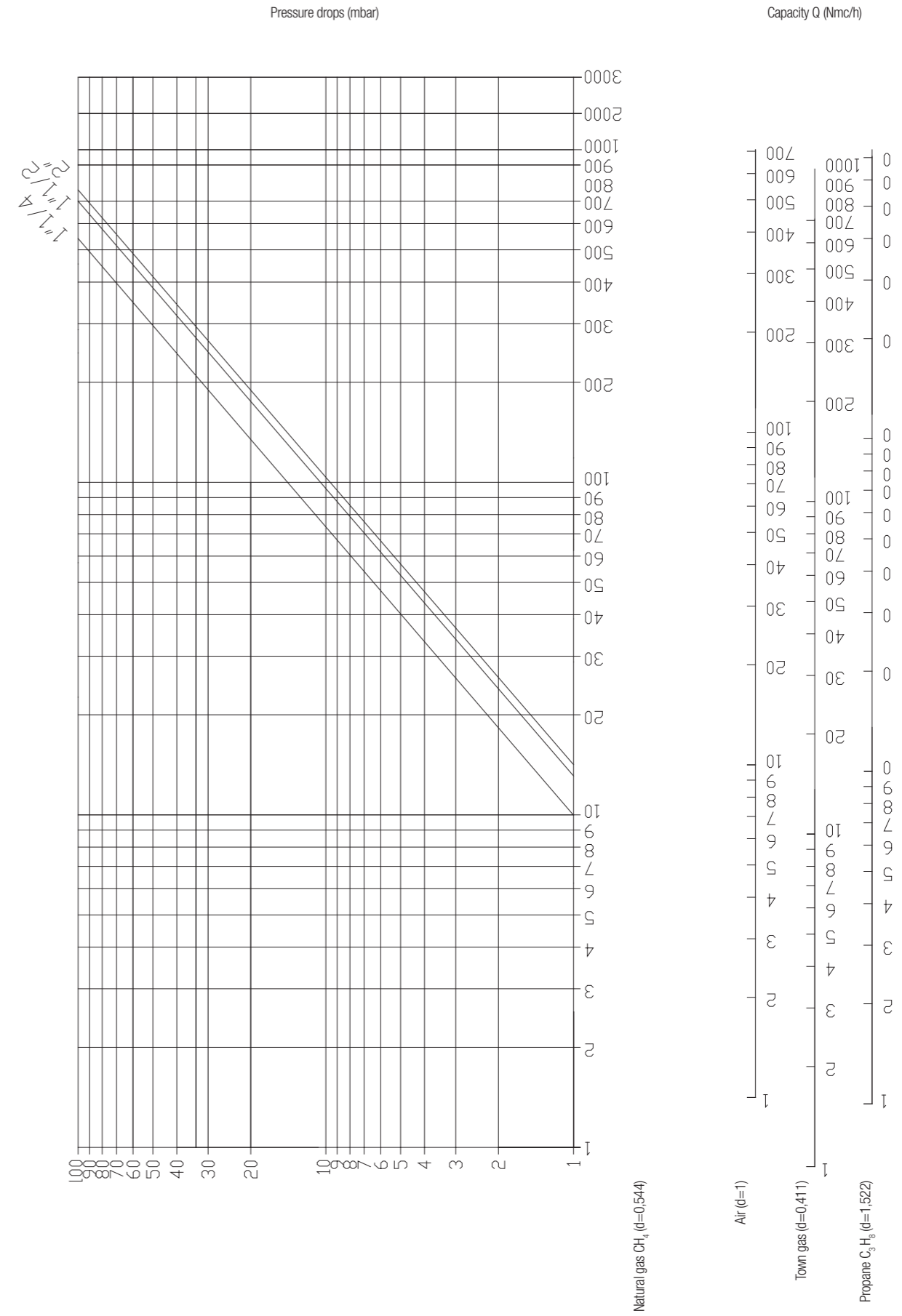
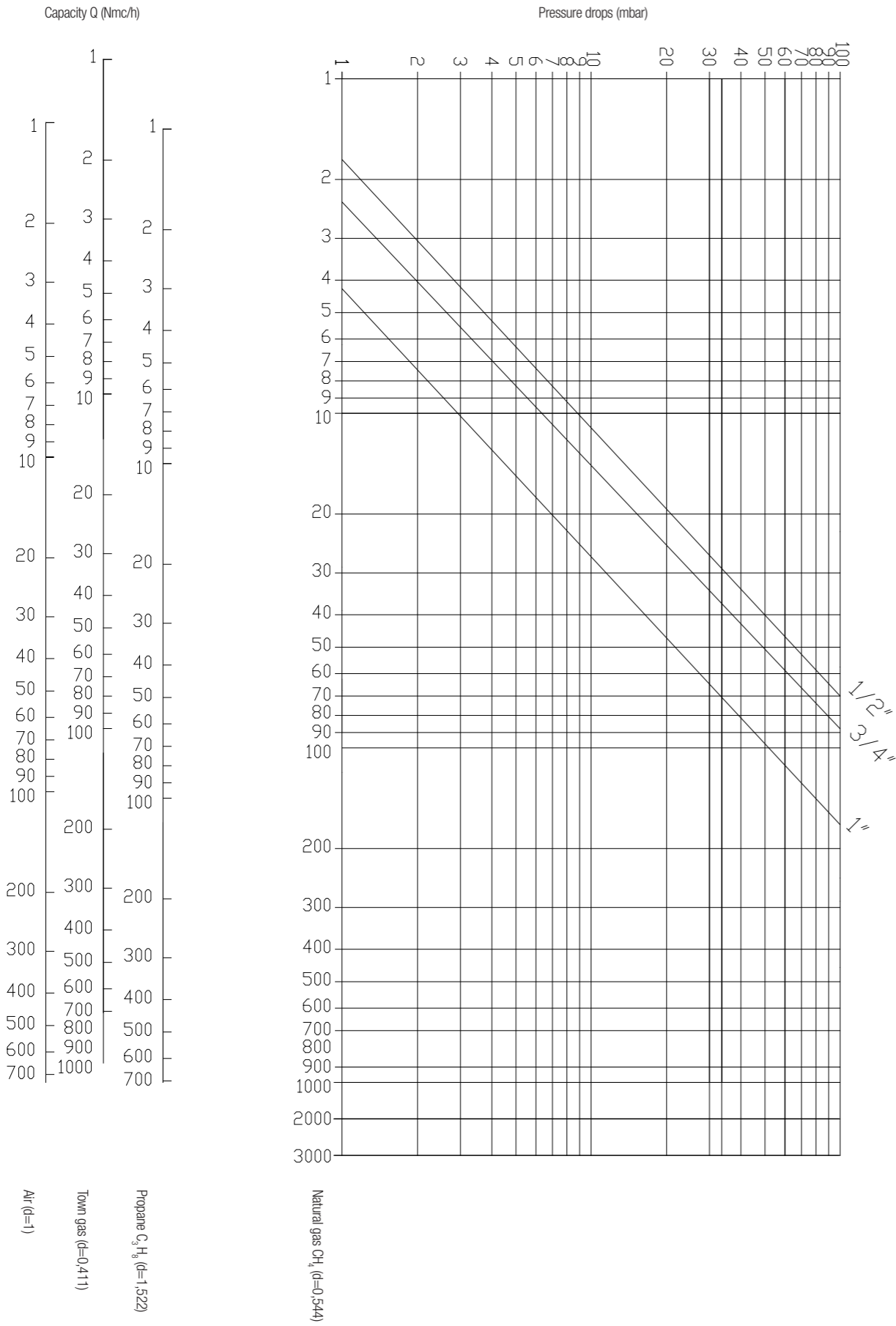
CPI - CONTROL POSITION INDICATOR



Code	Description	Model
CP1 - 1 - 6B	Control position indicator	½", ¾", 1"
CP1 - 2 - 6B	Control position indicator	1 ¼", 1 ½", 2"

AUTOMATIC VALVE 1/2", 3/4", 1"

AUTOMATIC VALVE 1 1/4", 1 1/2", 2"



Automatic gas valves - Normally open - Vent valves

» Normally open solenoid valve is an automatic pressure relief valve for gas burners and gas appliances. The normally open gas solenoid valve is a safety device which quickly intercepts gas flow when the pressure it is monitoring reaches a pre-set limit due to any anomaly in the system

Normally open - Vent valves

AUTOMATIC GAS VALVES - NORMALLY OPEN - VENT VALVE
1/2", 3/4" and 1" – 360 mbar – 6 bar

p. 106

AUTOMATIC GAS VALVES - Normally Open - Vent valve
1/2", 3/4" and 1" – 360 mbar – Pmax 6 bar



Code	Description	Dimension	Pmax
AV015NO	Gas valve fast opening	1/2"	360 mbar
AV020NO	Gas valve fast opening	3/4"	360 mbar
AV025NO	Gas valve fast opening	1"	360 mbar
AVD25NO	Gas valve fast opening	DN25	360 mbar
AV015NO - 6B	Gas valve fast opening	1/2"	6 bar
AV020NO - 6B	Gas valve fast opening	3/4"	6 bar
AV025NO - 6B	Gas valve fast opening	1"	6 bar
AVD25NO - 6B	Gas valve fast opening	DN25	6 bar

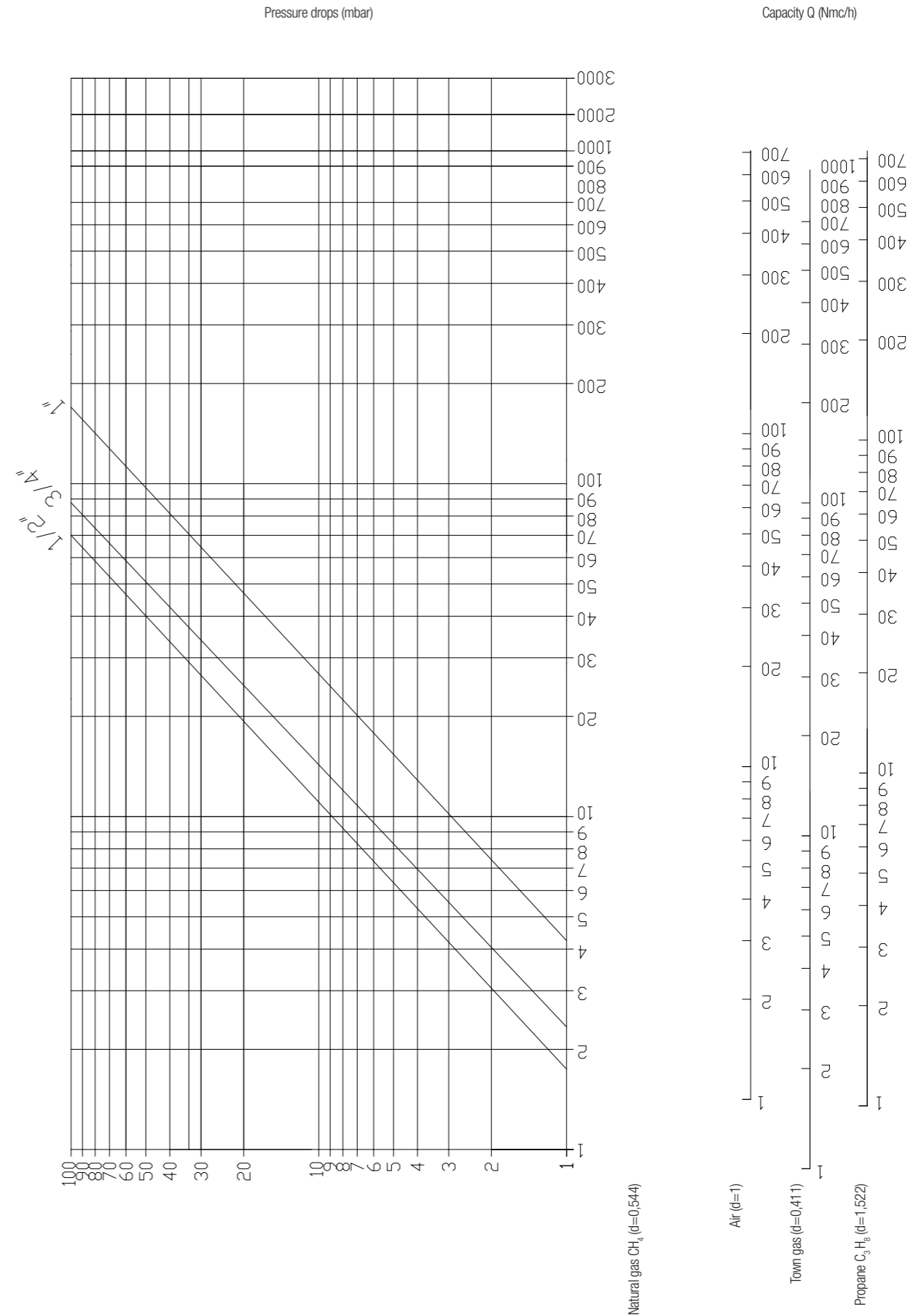
TECHNICAL FEATURES

Pmax	360 mbar - 6 bar
Inlet connection - outlet	Thread gas 1/2" 3/4" and 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Opening time	<1 second
Closing time	<1 second
Max number of operations	20 per minute
Incorporated AISI 303 steel mesh filter on request	
Supply voltage	230V (-15%+10%) 50-60Hz 110V (-15%+10%) 50-60Hz 24Vdc (-15%+10%) 50-60Hz
Power	15 VA Coils to class F copper wire class H
Use	Non - aggressive gases - Family 1 - 2 - 3 and air
Test point	3 connections Screw 1/4" NPT
Working Temperature	- 20 °C - 60 °C
Approval	EN161
Protection degree	IP65

Materials:

Complete Body Die - Cast Aluminium Gd - AISi12Cu - EN AB 46100

AUTOMATIC VALVE 1/2", 3/4", 1"



Relief Valves

» This is a safety device which quickly intercepts gas flow when the pressure it is monitoring reaches a pre-set limit due to any anomaly in the system

Relief Valves

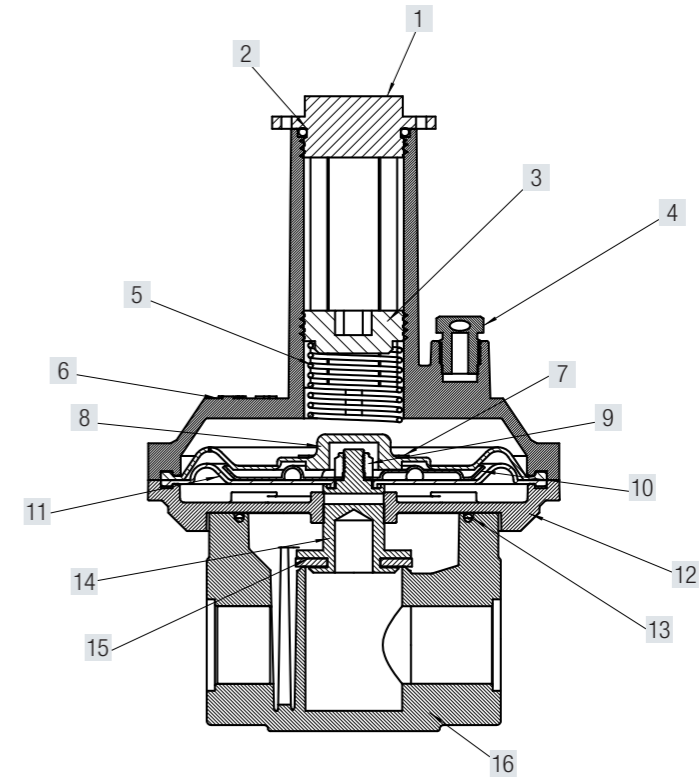
RELIEF VALVE
1/2" - 3/4" - 1"

p. 110

RELIEF VALVE
1 1/4" - 1 1/2" - 2"

p. 112

RELIEF VALVE 1/2", 3/4", 1" - Pmax 1 Bar



Code	Description	Dimension	Pmax
RV015- 1B	Relief valve	1/2"	1 bar
RV020- 1B	Relief valve	3/4"	1 bar
RV025- 1B	Relief valve	1"	1 bar
RVD25- 1B	Relief valve	DN25	1 bar

TECHNICAL FEATURES

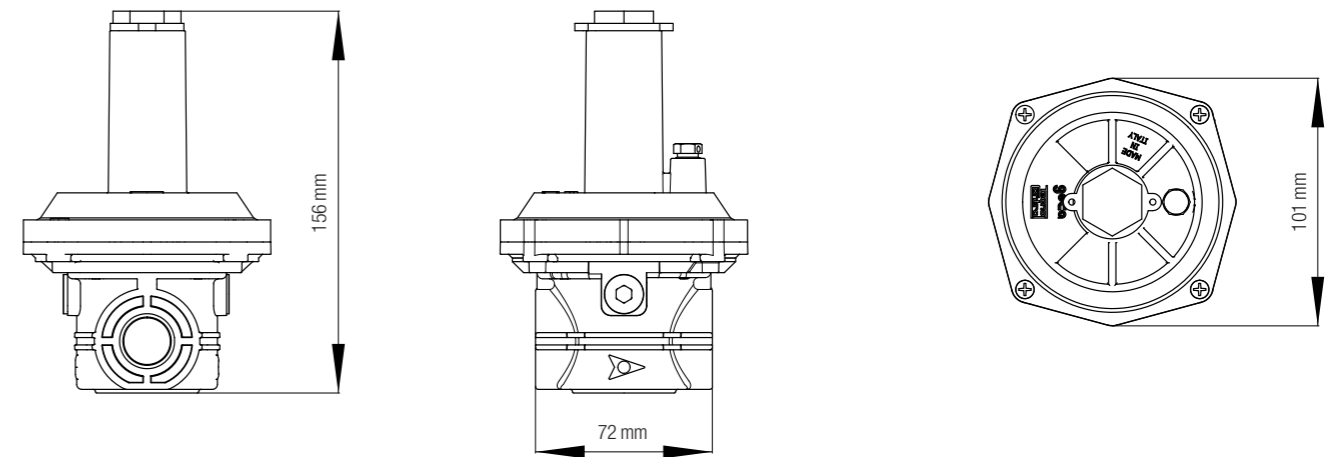
Pmax	1 bar
Inlet - Outlet Connection	thread 1/2", 3/4", 1" ISO228/1 DN25 - Sliding Aluminium flange PN10
Setting range	20 - 600 mbar - Standar spring supplied 200 - 600 mbar
Screw Plugs 1/8"	
Working Temperature	- 20 °C - + 60°C
Use	Not aggressive gases of three families – Natural gas – LPG – Town gas – Air

Materials:

Complete Body	Die - Cast Aluminium Gd - AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh - DvGW EN 549

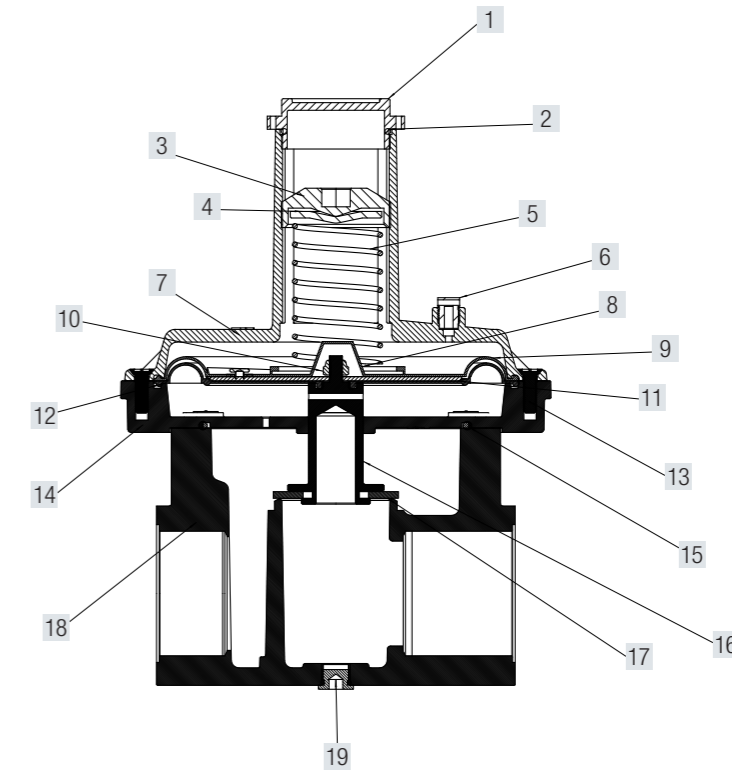
Code:	Color	Range mbar
SPBK1-1RV	Black	20 - 120 mbar
SPG1-1RV	Green	100 - 450 mbar
SPBR1 - 1RV	Brown	200 - 600 mbar

- | | | | |
|---|-------------------|----|------------------------|
| 1 | Seal cap | 9 | Plastic Washer |
| 2 | O ring | 10 | Safety diaphragm |
| 3 | Spring compressor | 11 | Calibrated nozzle |
| 4 | Washer | 12 | Washer |
| 5 | Spring | 13 | Disc |
| 6 | Screws | 14 | Compensation diaphragm |
| 7 | Vent cap | 15 | Obturator |
| 8 | Upper cover | 16 | Upper bush |



Dimension	1/2"	3/4"	1"
WEIGHT (kgs)	0,6	0,6	0,6

RELIEF VALVE 1 ¼", 1 ½", 2" - Pmax 1 Bar



Code	Description	Dimension	Pmax
RV032- 1B	Relief valve	1 ¼"	1 bar
RV040- 1B	Relief valve	1 ½"	1 bar
RV050- 1B	Relief valve	2"	1 bar
RVD32- 1B	Relief valve	DN32	1 bar
RV040- 1B	Relief valve	DN40	1 bar
RV050- 1B	Relief valve	DN50	1 bar

TECHNICAL FEATURES	
Pmax	1 bar
Inlet - Outlet Connection	thread 1 ¼", 1 ½", 2" ISO228/1 DN32 /DN40/DN50- Sliding Aluminium flange PN10
Setting range	20 - 600 mbar - Standar spring supplied 200 - 600 mbar
Screw Plugs 1/8"	
Working Temperature	- 20 °C - + 60°C
Use	Not aggressive gases of three families – Natural gas – LPG – Town gas – Air

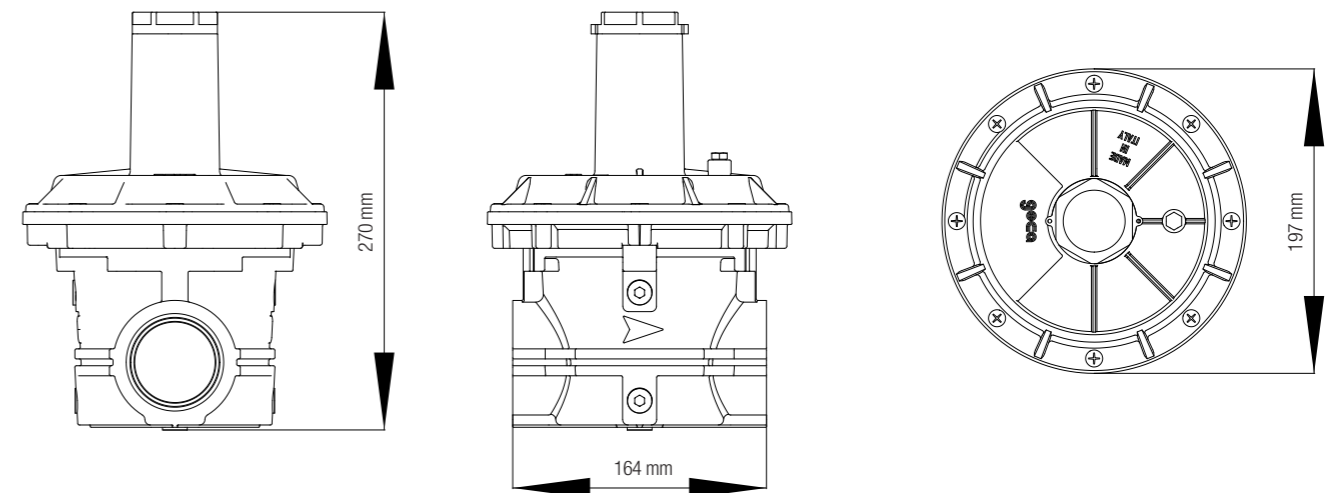
Materials:

Complete Body	Die - Cast Aluminium Gd - AISi12Cu - EN AB 46100
Diaphragms	NBR 60Sh - DvGW EN 549

Code:

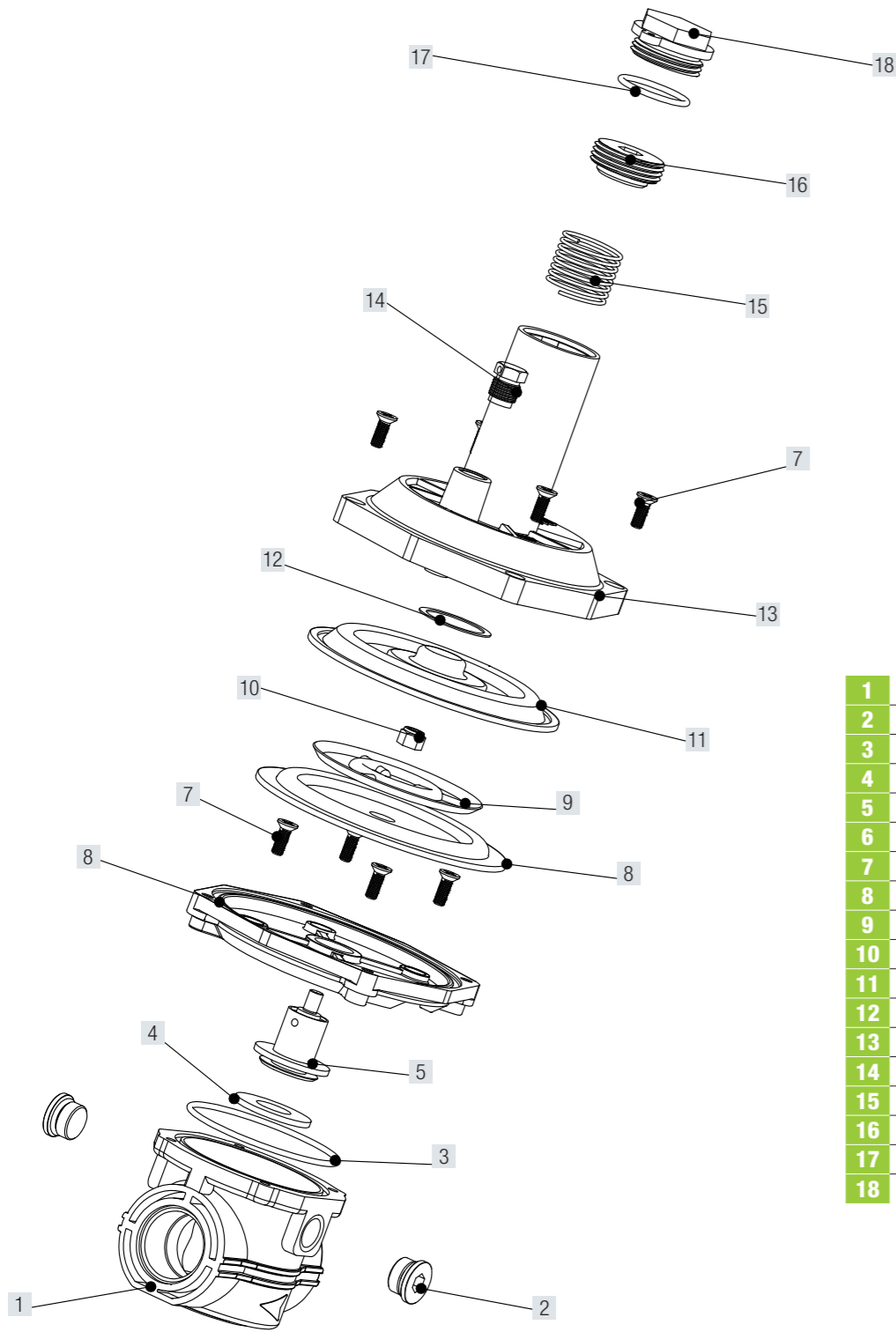
	Color	Range mbar
SPBK1-1RV	Black	20 - 120 mbar
SPG1-1RV	Green	200 - 600 mbar

1	Body	10	Nut
2	Screw plugs	11	Safety diaphragm
3	O ring	12	Washer
4	Gasket	13	Upper cover
5	Shaft	14	Safety vent
6	Flange adapter	15	Spring
7	Screw	16	Spring compressor
8	Compensation Diaphragm	17	O ring
9	Disc	18	Seal cap



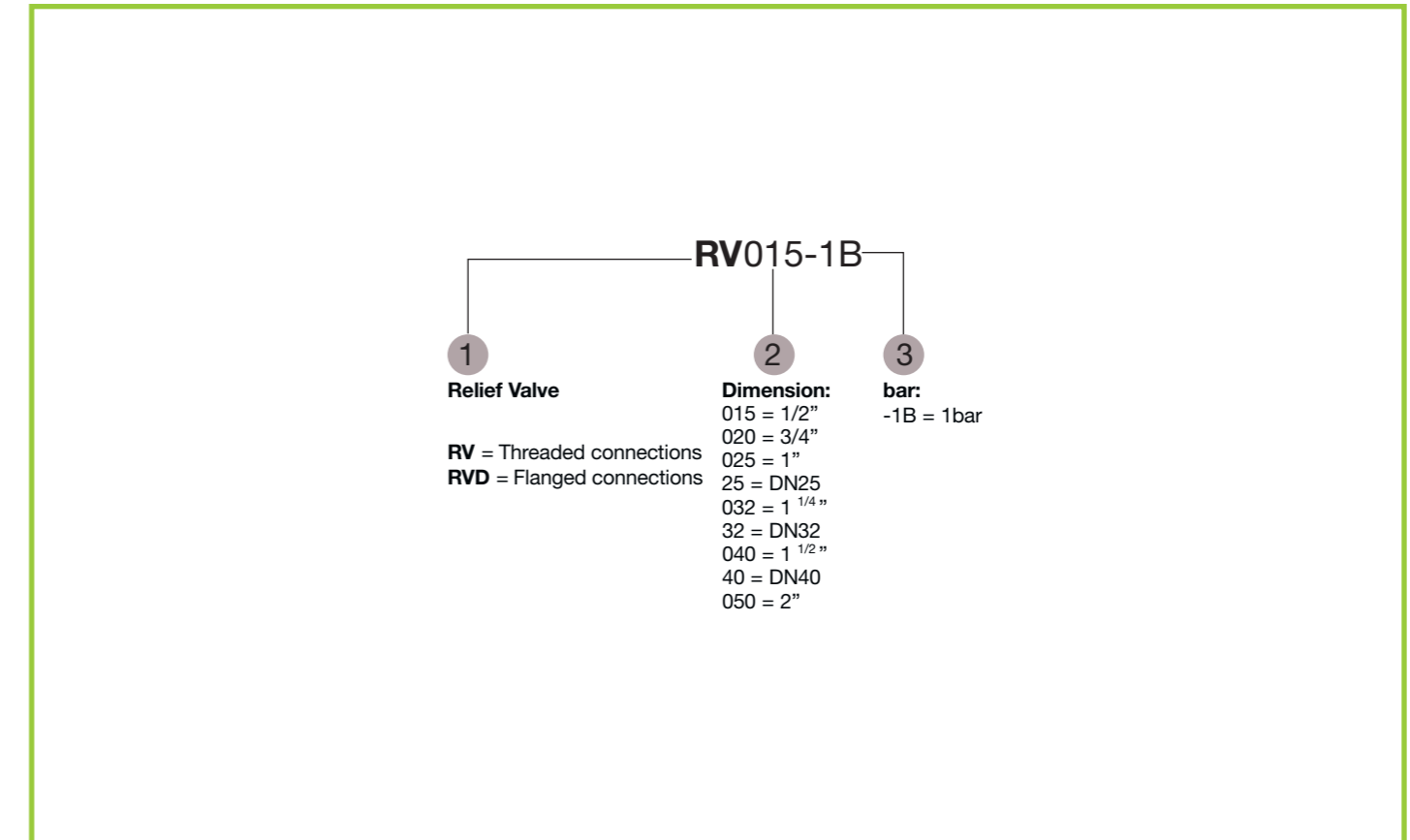
Dimension	1 ¼"	1 ½"	2"
WEIGHT (kgs)	3,4	3,4	3,4

ASSEMBLY OVERVIEW



- 1 Body
- 2 Screw plugs
- 3 O ring
- 4 Gasket
- 5 Shaft
- 6 Flange adapter
- 7 Screw
- 8 Compensation Diaphragm
- 9 Disc
- 10 Nut
- 11 Safety diaphragm
- 12 Washer
- 13 Upper cover
- 14 Safety vent
- 15 Spring
- 16 Spring compressor
- 17 O ring
- 18 Seal cap

CODE DESCRIPTION



PACKING DIMENSION

Code	Packaging Dimension (LxWxH) cm	Weight (Kg)	Packaging
RV015 -1B – RV0201B –RV025-1B	12x12x16	0,7	1 units
RV032-1B – RV040-1B –RV050-1B	23,5x28,5x24	3,8	1 units
RVD32-1B – RVD40-1B – RVD50-1B	27x28x32	6,0	1 units

Gas solenoid valves manual reset - Normally open

» GAS Solenoid Valves have been designed to be combined with any gas detection system. Shut off the main outlet when an emergency situation is detected. They have been installed at the gas piping and connected with a gas detector. Interrupt the gas flow in a danger situation.

The electro-valve is normally located after a filter, upstream of the regulation apparatus and preferably outside the measurement zone. It has been installed with the arrow stamped on the body turned towards the user appliance.

Gas solenoid valves manual reset

GAS SOLENOID VALVE - Manual reset - Normally open - 550 mbar
 $\frac{1}{2}$ " - $\frac{3}{4}$ " - 1" - 1 $\frac{1}{4}$ " - 1 $\frac{1}{2}$ " - 2" p. 118

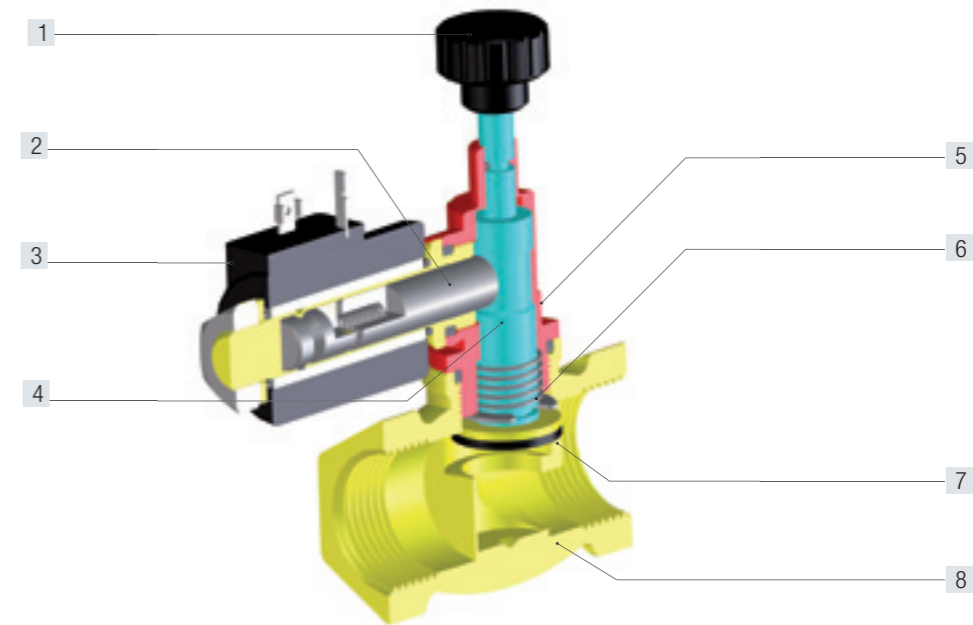
GAS SOLENOID VALVE - Manual reset - Normally open - 550 mbar
DN65 - DN80 - DN100 p. 120

GAS SOLENOID VALVE - Manual reset - Normally open - 6 bar
 $\frac{1}{2}$ " - $\frac{3}{4}$ " - 1" - 1 $\frac{1}{4}$ " - 1 $\frac{1}{2}$ " - 2" p. 122

GAS SOLENOID VALVE - Manual reset - Normally open - 6 bar
DN65 - DN80 - DN100 p. 124



**GAS SOLENOID VALVE - Manual reset - Normally open - 550 mbar -
1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"**

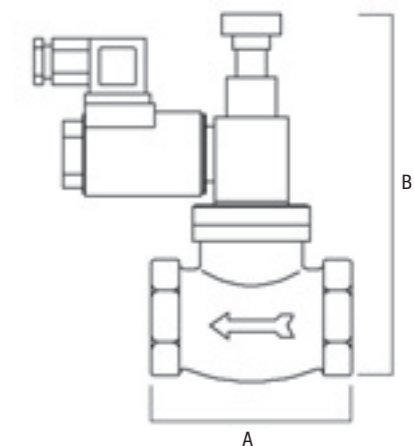


- 1 Reset knob
- 2 Magnetic shaft
- 3 Coil
- 4 Shaft
- 5 Upper body
- 6 Spring
- 7 Obturator
- 8 Body

Code	Description	Dimension	Type	Pmax
VR500	Manual solenoid valve	1/2"	NO	550 mbar
VR510	Manual solenoid valve	3/4"	NO	550 mbar
VR520	Manual solenoid valve	1"	NO	550 mbar
VR530	Manual solenoid valve	1 1/4"	NO	550 mbar
VR540	Manual solenoid valve	1 1/2"	NO	550 mbar
VR550	Manual solenoid valve	2"	NO	550 mbar

TECHNICAL FEATURES	
Power supply	230 Vac – 24 Vcc/Vac – 12 Vcc/Vac
Body	Brass ST-CW617N – EN 12420 – Yellow Painted
Working temperature	-15°C / +70°C
Closing time	< 1 sec
Max. pressure	550 mbar
Protection level	IP65
Connections	Thread 1/2", 3/4", 1", 1" 1/4, 1" 1/2", 2" - ISO 228/1 Threads

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
1/2"	4,5	19 W	65	125	Dir. 97/23/CE (PED)	12Vcc
1/2"	4,5	17 VA	65	125	Dir. 97/23/CE (PED)	230Vac
3/4"	6	19 W	65	125	Dir. 97/23/CE (PED)	12Vcc
3/4"	6	17 W	65	125	Dir. 97/23/CE (PED)	230Vac
1"	13	19 W	78	130	Dir. 97/23/CE (PED)	12Vcc
1"	13	17 VA	78	174	Dir. 97/23/CE (PED)	230Vac
1" 1/4	40	19 W	114	174	Dir. 97/23/CE (PED)	12Vcc
1" 1/4	40	17 VA	114	174	Dir. 97/23/CE (PED)	230Vac
1" 1/2	50	19 W	114	174	Dir. 97/23/CE (PED)	12Vcc
1" 1/2	50	17 VA	114	174	Dir. 97/23/CE (PED)	230Vac
2"	80	19 W	139	182	Dir. 97/23/CE (PED)	12Vcc
2"	80	17 VA	139	182	Dir. 97/23/CE (PED)	230Vac

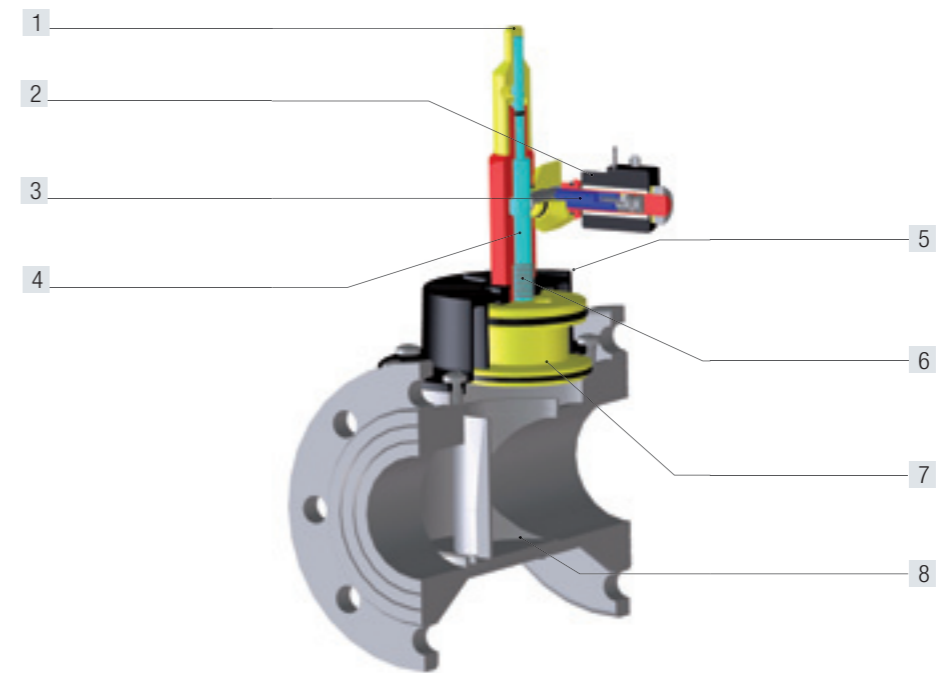


GAS SOLENOID VALVE - Manual reset - Normally open - 550 mbar - DN65 - DN80 - DN100



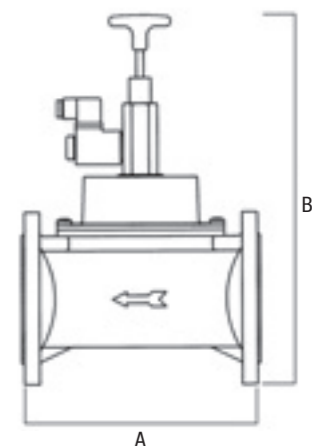
Code	Description	Dimension	Type	Pmax
VR560	Manual solenoid valve	DN65	NO	550 mbar
VR570	Manual solenoid valve	DN80	NO	550 mbar
VR580	Manual solenoid valve	DN100	NO	550 mbar

TECHNICAL FEATURES	
Power supply	230 Vac – 24 Vac – 12 Vac
Body	Aluminium EN AC 43100
Working temperature	-15°C / +70°C
Closing time	< 1 sec
Max. pressure	550 mbar
Protection level	IP65
Connections	flanged UNI 2223 - PN16

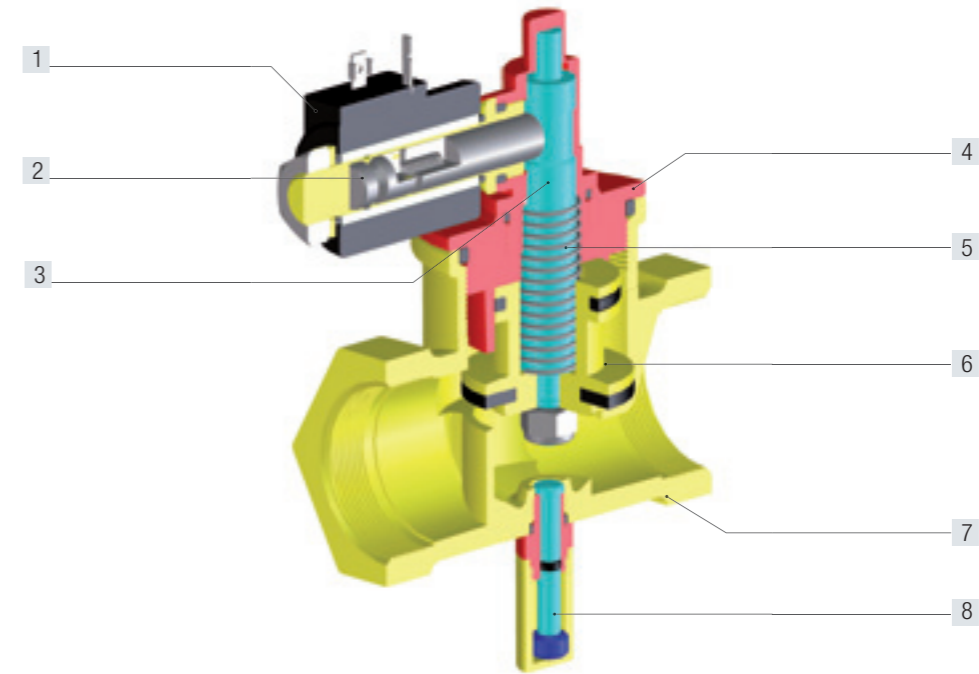


- 1 Reset knob
- 2 Coil
- 3 Magnetic shaft
- 4 Shaft
- 5 Upper body
- 6 Spring
- 7 Obturator
- 8 Body

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
DN65 2" ½	170	19 W	246	395	Dir.97/23/CE (PED)	12Vcc
DN65 2" ½	170	17 VA	246	395	Dir.97/23/CE (PED)	230Vac
DN80 3"	170	19 W	265	395	Dir.97/23/CE (PED)	12Vcc
DN80 3"	170	17 VA	265	395	Dir.97/23/CE (PED)	230Vac
DN100 4"	280	19 W	265	420	Dir.97/23/CE (PED)	12Vcc
DN100 4"	280	17 VA	265	420	Dir.97/23/CE (PED)	230Vac



**GAS SOLENOID VALVE - Manual reset - Normally open - 6 bar -
1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"**

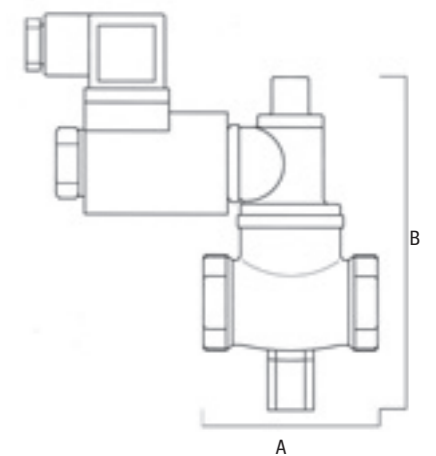


Code	Description	Dimension	Type	Pmax
VR929	Manual solenoid valve	1/2"	NO	6 bar
VR930	Manual solenoid valve	3/4"	NO	6 bar
VR932	Manual solenoid valve	1"	NO	6 bar
VR933	Manual solenoid valve	1 1/4"	NO	6 bar
VR934	Manual solenoid valve	1 1/2"	NO	6 bar
VR935	Manual solenoid valve	2"	NO	6 bar

TECHNICAL FEATURES	
Power supply	230 Vca – 24 Vcc/Vca – 12 Vcc/Vca
Body	Brass ST-CW617N – EN 12420 – Yellow Painted
Working temperature	-15°C / +70°C
Closing time	< 1 sec
Max. pressure	6 bar
Protection level	IP65
Connections	Thread 1/2", 3/4", 1", 1" 1/4, 1" 1/2", 2" - ISO 228/1 Threads

- 1 Coil
- 2 Magnetic shaft
- 3 Shaft
- 4 Upper body
- 5 Spring
- 6 Obturator
- 7 Body
- 8 Reset knob

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
1/2"	4,5	19 W	65	165	Dir. 97/23/CE (PED)	12Vcc
1/2"	4,5	17 VA	65	165	Dir. 97/23/CE (PED)	230Vac
3/4"	6	19 W	65	165	Dir. 97/23/CE (PED)	12Vcc
3/4"	6	17 VA	65	165	Dir. 97/23/CE (PED)	230Vac
1"	13	19 W	78	170	Dir. 97/23/CE (PED)	12Vcc
1"	13	17 VA	78	170	Dir. 97/23/CE (PED)	230Vac
1 1/4"	40	19 W	114	195	Dir. 97/23/CE (PED)	12Vcc
1 1/4"	40	17 VA	114	195	Dir. 97/23/CE (PED)	230Vac
1 1/2"	50	19 W	114	195	Dir. 97/23/CE (PED)	12Vcc
1 1/2"	50	17 VA	114	195	Dir. 97/23/CE (PED)	230Vac
2"	80	19 W	139	200	Dir. 97/23/CE (PED)	12Vcc
2"	80	17 VA	139	200	Dir. 97/23/CE (PED)	230Vac

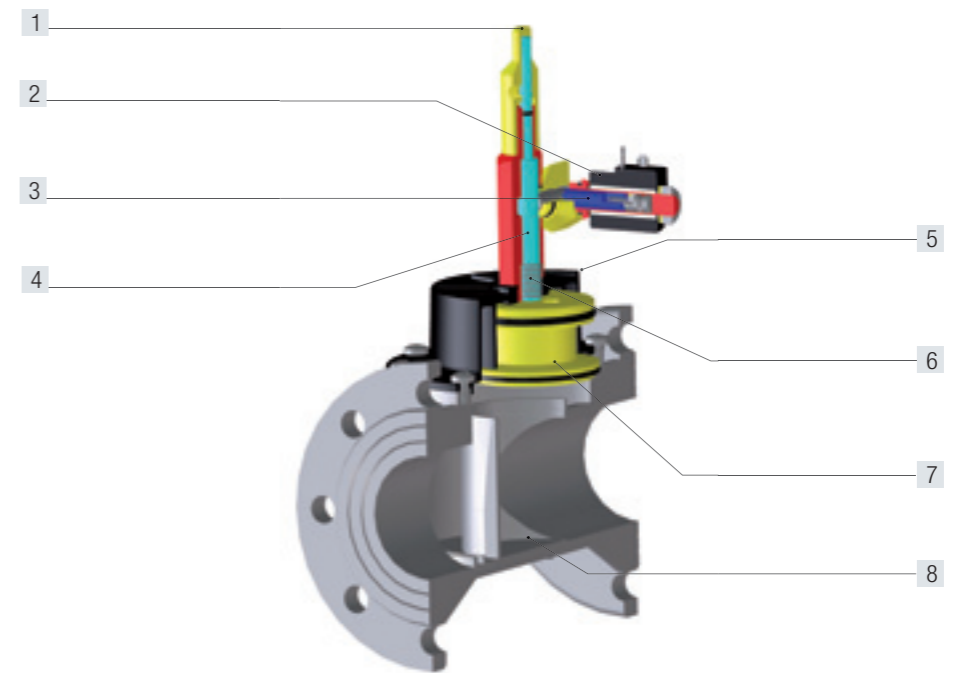


GAS SOLENOID VALVE - Manual reset - Normally open - 6 bar - DN65 - DN80 - DN100



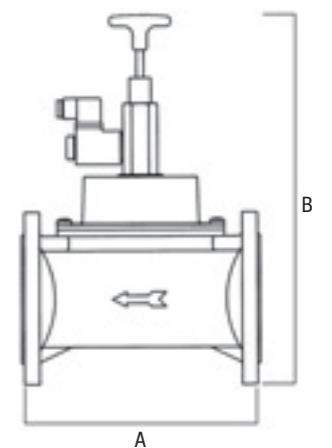
Code	Description	Dimension	Type	Pmax
VR936	Manual solenoid valve	DN65	NO	6 bar
VR937	Manual solenoid valve	DN80	NO	6 bar
VR938	Manual solenoid valve	DN100	NO	6 bar

TECHNICAL FEATURES	
Power supply	230 Vca – 24 Vcc/Vca – 12 Vcc/Vca
Body	Aluminium EN AC 43100
Working temperature	-15°C / +70°C
Closing time	< 1 sec
Max. pressure	6 bar
Protection level	IP65
Connections	flanged UNI 2223 - PN16



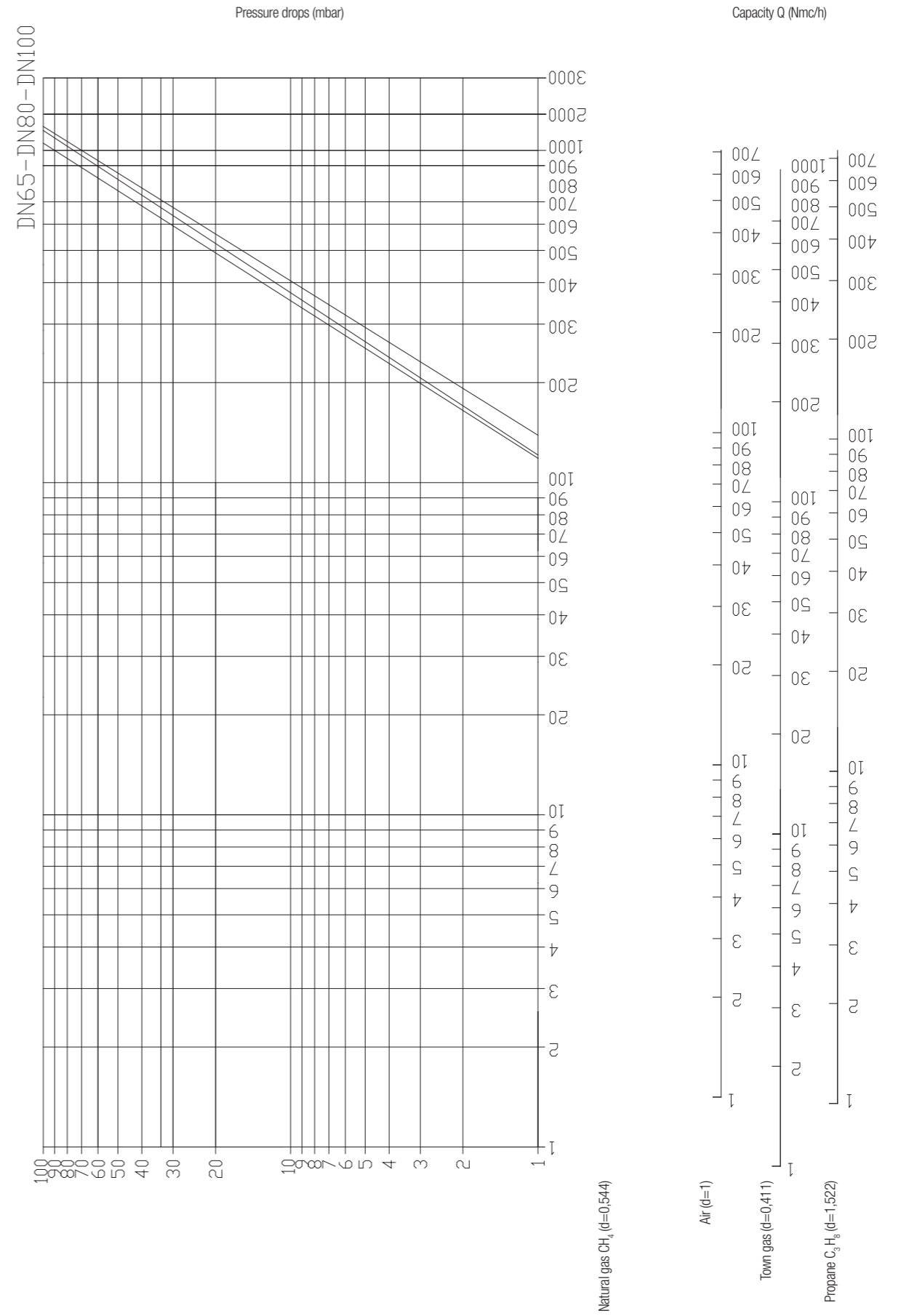
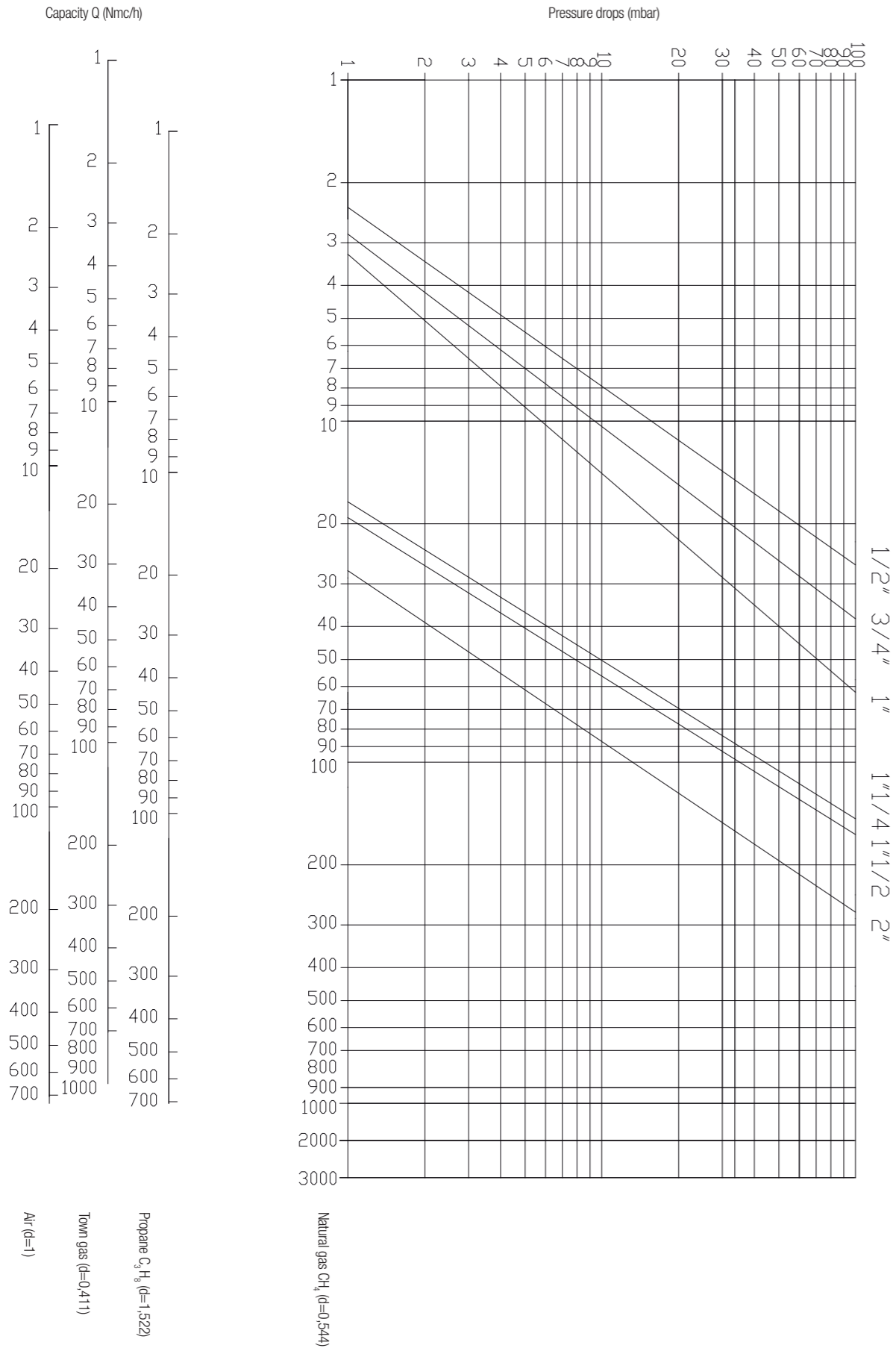
- 1 Reset knob
- 2 Coil
- 3 Magnetic shaft
- 4 Shaft
- 5 Upper body
- 6 Spring
- 7 Obturator
- 8 Body

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
DN65 2" ½	170	17W	246	395	Dir.97/23/CE (PED)	230Vac
DN80 3"	170	17W	265	395	Dir.97/23/CE (PED)	230Vac
DN100 4"	280	17W	265	420	Dir.97/23/CE (PED)	230Vac



Gas solenoid valves Normally open - from 1/2" to 2" - Pmax 550 mbar / 6 bar

Gas solenoid valves Normally open - from DN65 to DN100 - Pmax 550 mbar / 6 bar



*Gas solenoid valves manual reset
- Normally close*

Gas solenoid valves manual reset

GAS SOLENOID VALVE - Manual reset - Normally close - 550 mbar
 $\frac{1}{2}$ " - $\frac{3}{4}$ " - 1" - 1 $\frac{1}{4}$ " - 1 $\frac{1}{2}$ " - 2" p. 130

GAS SOLENOID VALVE - Manual reset - Normally close - 550 mbar
DN65 - DN80 - DN100 p. 132

GAS SOLENOID VALVE - Manual reset - Normally close - 6 bar
 $\frac{1}{2}$ " - $\frac{3}{4}$ " - 1" - 1 $\frac{1}{4}$ " - 1 $\frac{1}{2}$ " - 2" p. 134

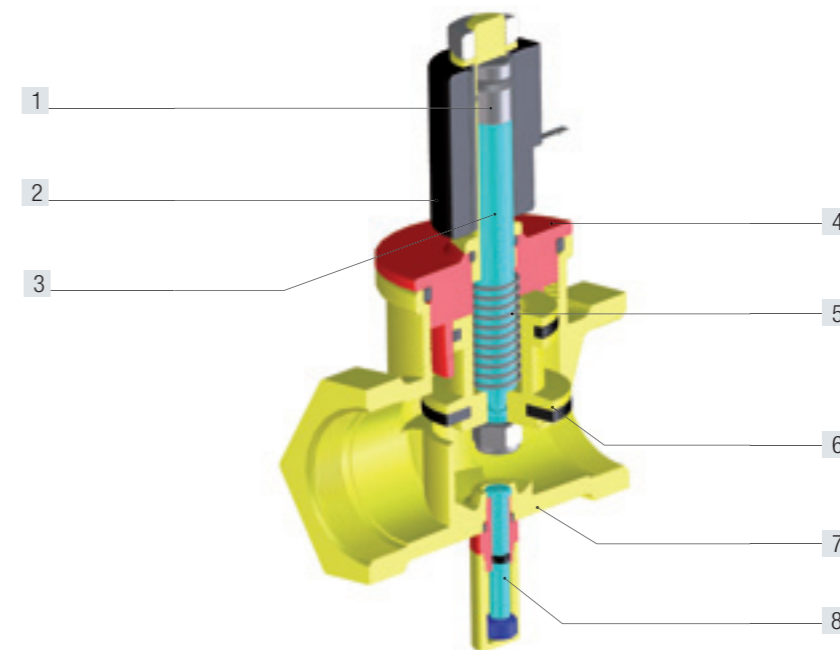
GAS SOLENOID VALVE - Manual reset - Normally close - 6 bar
DN65 - DN80 - DN100 p. 136

**GAS SOLENOID VALVE - Manual reset - Normally close - 550 mbar -
1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"**



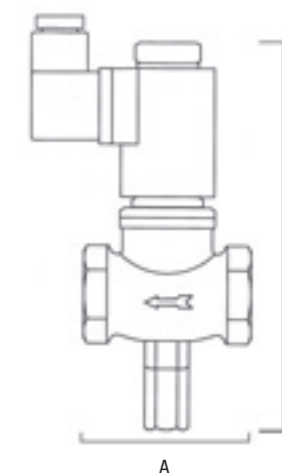
Code	Description	Dimension	Type	Pmax
VR600	Manual solenoid valve	1/2"	NC	550 mbar
VR610	Manual solenoid valve	3/4"	NC	550 mbar
VR620	Manual solenoid valve	1"	NC	550 mbar
VR630	Manual solenoid valve	1 1/4"	NC	550 mbar
VR640	Manual solenoid valve	1 1/2"	NC	550 mbar
VR650	Manual solenoid valve	2"	NC	550 mbar

TECHNICAL FEATURES	
Power supply	230 Vca – 24 Vcc/Vca – 12 Vcc/Vca
Body	Brass ST-CW617N – EN 12420 – Yellow Painted
Working temperature	-15°C / +70°C
Closing time	< 1 sec
Max. pressure	550 mbar
Protection level	IP65
Connections	Thread 1/2", 3/4", 1", 1" 1/4, 1" 1/2", 2" - ISO 228/1 Threads



- 1 Magnetic shaft
- 2 Coil
- 3 Shaft
- 4 Upper body
- 5 Spring
- 6 Obturator
- 7 Body
- 8 Reset knob

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
1/2"	4,5	6 W	86	165	Dir.97/23/CE-EN161	12Vcc
1/2"	4,5	9 VA	86	165	Dir.97/23/CE-EN161	230Vac
3/4"	6	6 W	86	165	Dir.97/23/CE-EN161	12Vcc
3/4"	6	9 VA	86	165	Dir.97/23/CE-EN161	230Vac
1"	13	6 W	93	175	Dir.97/23/CE-EN161	12Vcc
1"	13	9 VA	93	175	Dir.97/23/CE-EN161	230Vac
1 1/4"	40	6 W	114	200	Dir.97/23/CE-EN161	12Vcc
1 1/4"	40	9 VA	114	200	Dir.97/23/CE-EN161	230Vac
1 1/2"	50	6 W	114	200	Dir.97/23/CE-EN161	12Vcc
1 1/2"	50	9 VA	114	200	Dir.97/23/CE-EN161	230Vac
2"	80	6 W	138	210	Dir.97/23/CE-EN161	12Vcc
2"	80	9 VA	138	210	Dir.97/23/CE-EN161	230Vac



GAS SOLENOID VALVE - Manual reset - Normally close - 550 mbar - DN65 - DN80 - DN100



Code	Description	Dimension	Type	Pmax
VR660	Manual solenoid valve	DN65	NC	550 mbar
VR670	Manual solenoid valve	DN80	NC	550 mbar
VR680	Manual solenoid valve	DN100	NC	550 mbar
VR750	Manual solenoid valve	DN125	NC	550 mbar
VR751	Manual solenoid valve	DN150	NC	550 mbar

TECHNICAL FEATURES

Power supply 230 Vca – 24 Vcc/Vca – 12 Vcc/Vca

Body Aluminium EN AC 43100

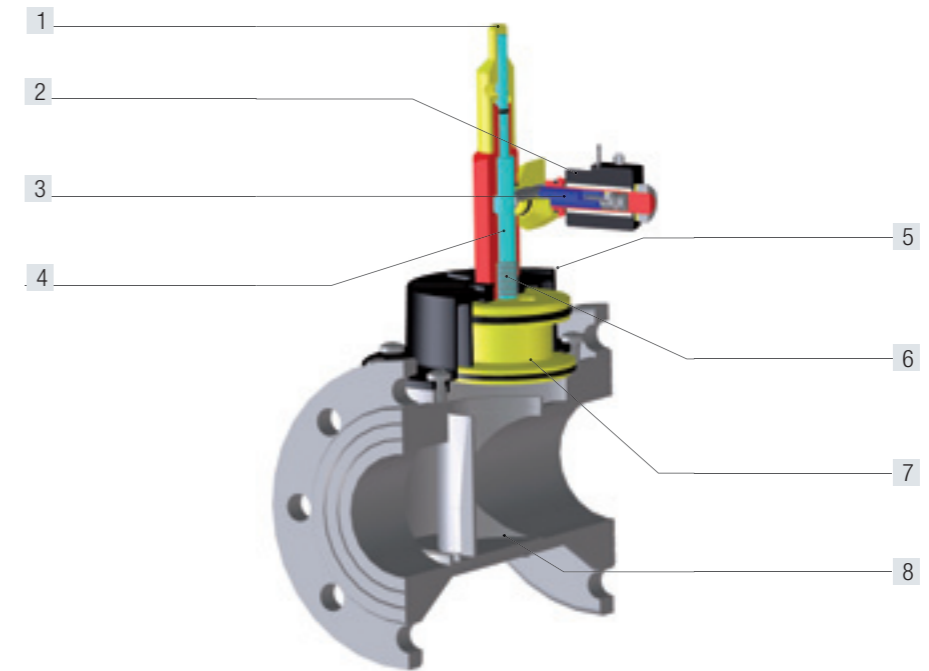
Working temperature -15°C / +70°C

Closing time < 1 sec

Max. pressure 550 mbar

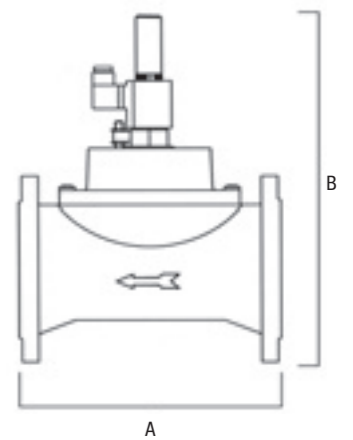
Protection level IP65

Connections Flanged UNI 2223 - PN16



- 1 Reset knob
- 2 Coil
- 3 Magnetic shaft
- 4 Shaft
- 5 Upper body
- 6 Spring
- 7 Obturator
- 8 Body

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
DN65 2" ½	170	6 W	246	395	Dir.97/23/CE-EN161	12Vcc
DN65 2" ½	170	9 VA	246	395	Dir.97/23/CE-EN161	230Vac
DN80 3"	170	6 W	265	395	Dir.97/23/CE-EN161	12Vcc
DN80 3"	170	9 VA	265	395	Dir.97/23/CE-EN161	230Vac
DN100 4"	280	6 W	265	420	Dir.97/23/CE-EN161	12Vcc
DN100 4"	280	9 VA	265	420	Dir.97/23/CE-EN161	230Vac
DN125 5"	280	23W	445	500	Dir.97/23/CE-EN161	12Vcc
DN125 5"	280	23W	445	500	Dir.97/23/CE-EN161	230Vac
DN150 6"	280	23W	445	500	Dir.97/23/CE-EN161	12Vcc
DN150 6"	280	23W	445	500	Dir.97/23/CE-EN161	230Vac



**GAS SOLENOID VALVE - Manual reset - Normally close - 6 bar -
1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"**



Code	Description	Dimension	Type	Pmax
VR939	Manual solenoid valve	1/2"	NC	6 bar
VR940	Manual solenoid valve	3/4"	NC	6 bar
VR942	Manual solenoid valve	1"	NC	6 bar
VR943	Manual solenoid valve	1 1/4"	NC	6 bar
VR944	Manual solenoid valve	1 1/2"	NC	6 bar
VR945	Manual solenoid valve	2"	NC	6 bar

TECHNICAL FEATURES

Power supply 230 Vca – 24 Vcc/Vca – 12 Vcc/Vca

Body Brass ST-CW617N – EN 12420 – Yellow Painted

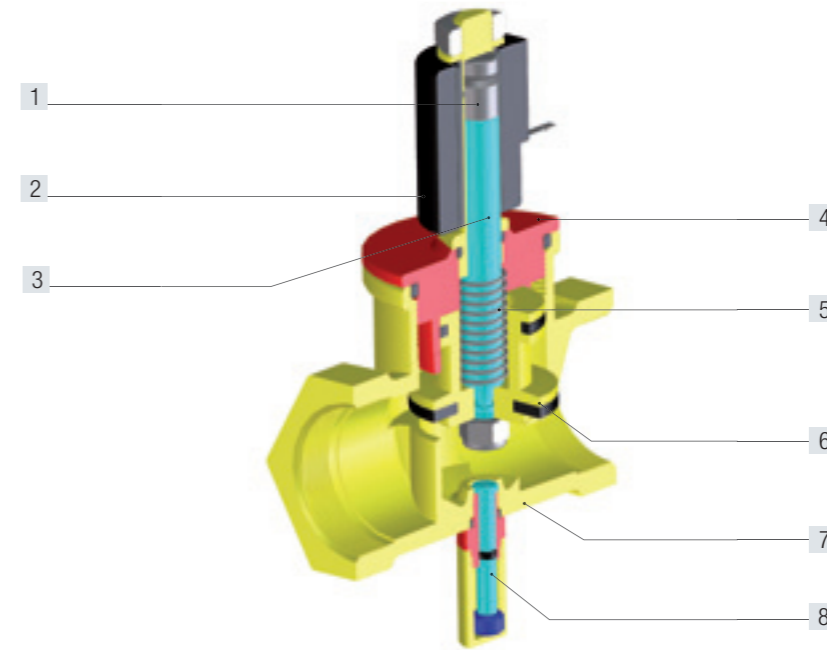
Working temperature -15°C / +70°C

Closing time < 1 sec

Max. pressure 6 bar

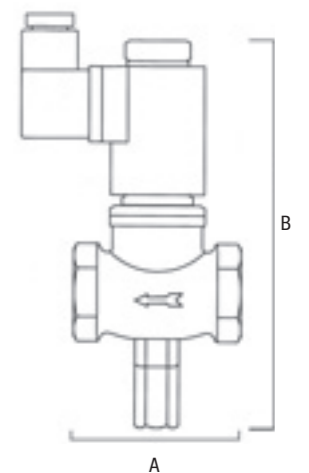
Protection level IP65

Connections Thread 1/2" , 3/4" , 1" , 1" 1/4 , 1" 1/2" , 2" - ISO 228/1 Threads

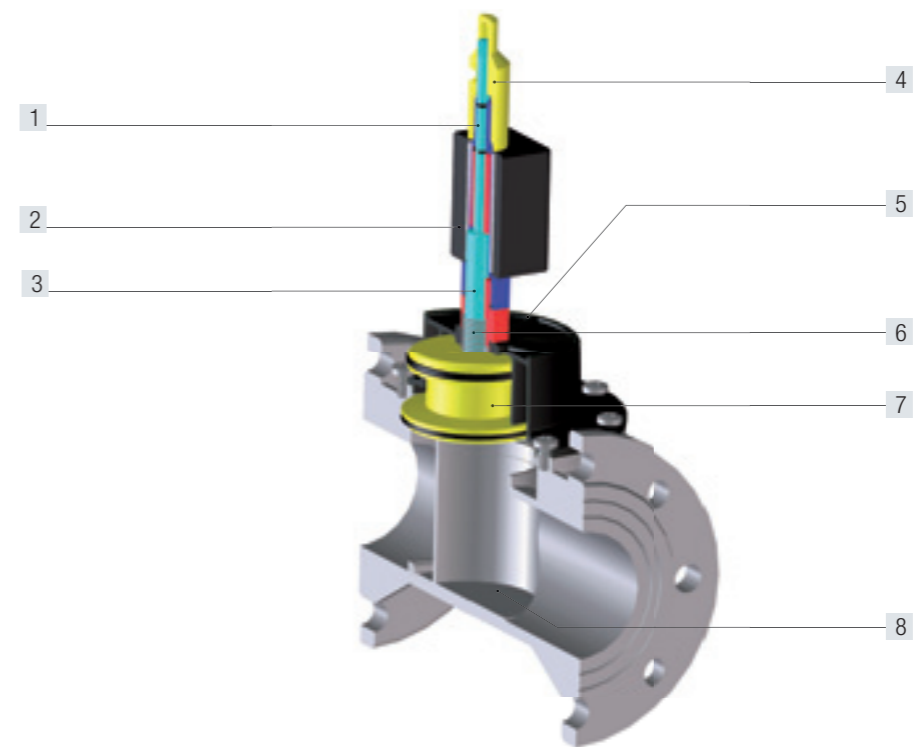


- 1 Magnetic shaft
- 2 Coil
- 3 Shaft
- 4 Upper body
- 5 Spring
- 6 Obturator
- 7 Body
- 8 Reset knob

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
1/2"	4,5	6 W	86	165	Dir.97/23/CE-EN161	12Vcc
1/2"	4,5	9 VA	86	165	Dir.97/23/CE-EN161	230Vac
3/4"	6	6 W	86	165	Dir.97/23/CE-EN161	12Vcc
3/4"	6	9 VA	86	165	Dir.97/23/CE-EN161	230Vac
1"	13	6 W	93	175	Dir.97/23/CE-EN161	12Vcc
1"	13	9 VA	93	175	Dir.97/23/CE-EN161	230Vac
1" 1/4	40	6 W	114	200	Dir.97/23/CE-EN161	12Vcc
1" 1/4	40	9 VA	114	200	Dir.97/23/CE-EN161	230Vac
1" 1/2	50	6 W	114	200	Dir.97/23/CE-EN161	12Vcc
1" 1/2	50	9 VA	138	210	Dir.97/23/CE-EN161	230Vac
2"	80	6 W	138	210	Dir.97/23/CE-EN161	12Vcc
2"	80	9 VA	138	210	Dir.97/23/CE-EN161	230Vac



GAS SOLENOID VALVE - Manual reset - Normally close - 6 bar - DN65 - DN80 - DN100

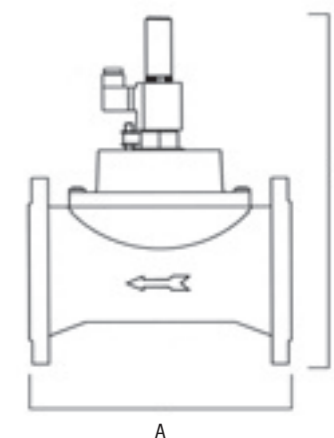


Code	Description	Dimension	Type	Pmax
VR946	Manual solenoid valve	DN65	NC	6 bar
VR947	Manual solenoid valve	DN80	NC	6 bar
VR948	Manual solenoid valve	DN100	NC	6 bar
VR753	Manual solenoid valve	DN125	NC	6 bar
VR754	Manual solenoid valve	DN150	NC	6 bar

TECHNICAL FEATURES	
Power supply	230 Vca – 24 Vcc/Vca – 12 Vcc/Vca
Body	Aluminium EN AC 43100
Working temperature	-15°C / +70°C
Closing time	< 1 sec
Max. pressure	6 bar
Protection level	IP65
Connections	flanged UNI 2223 - PN16

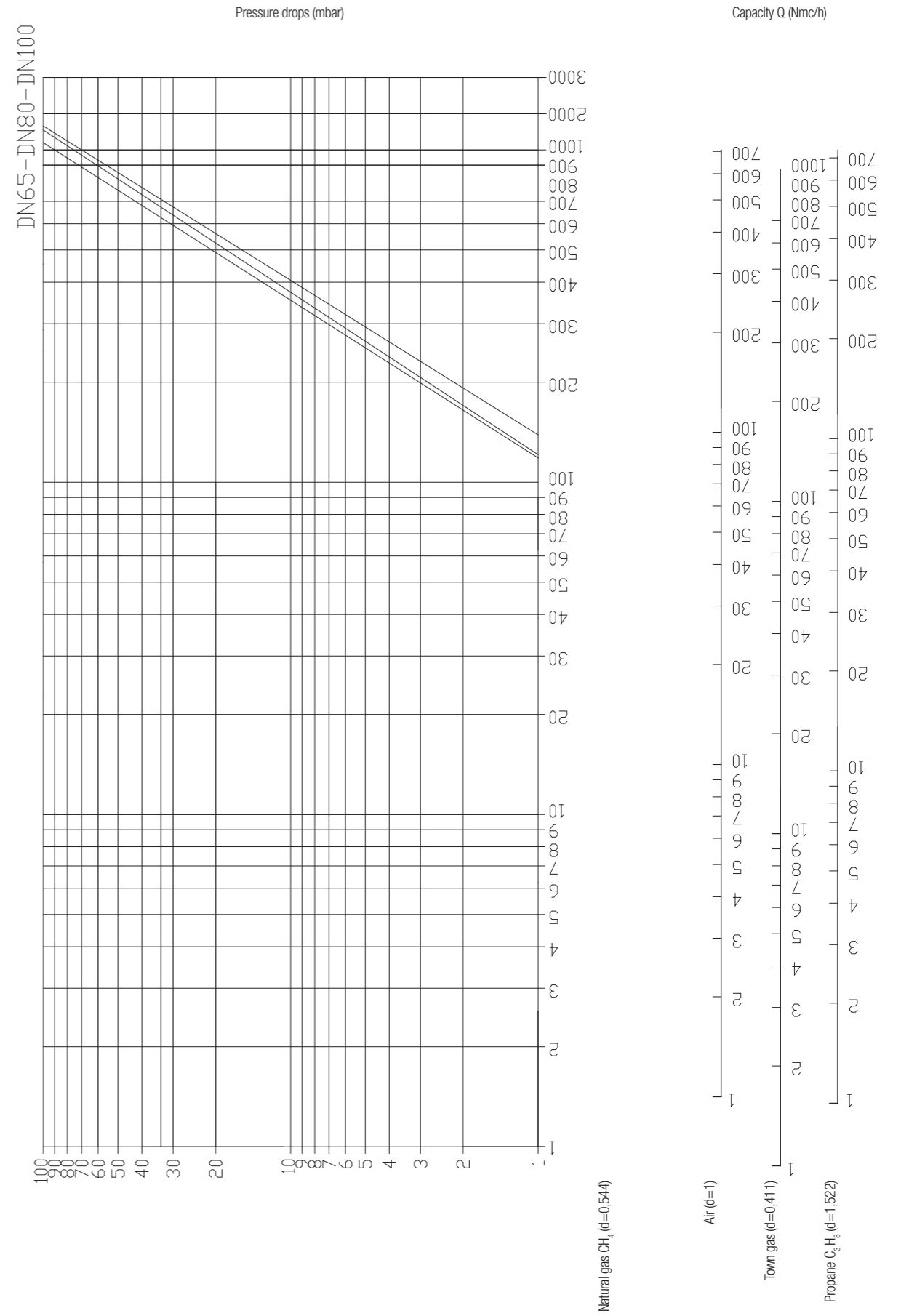
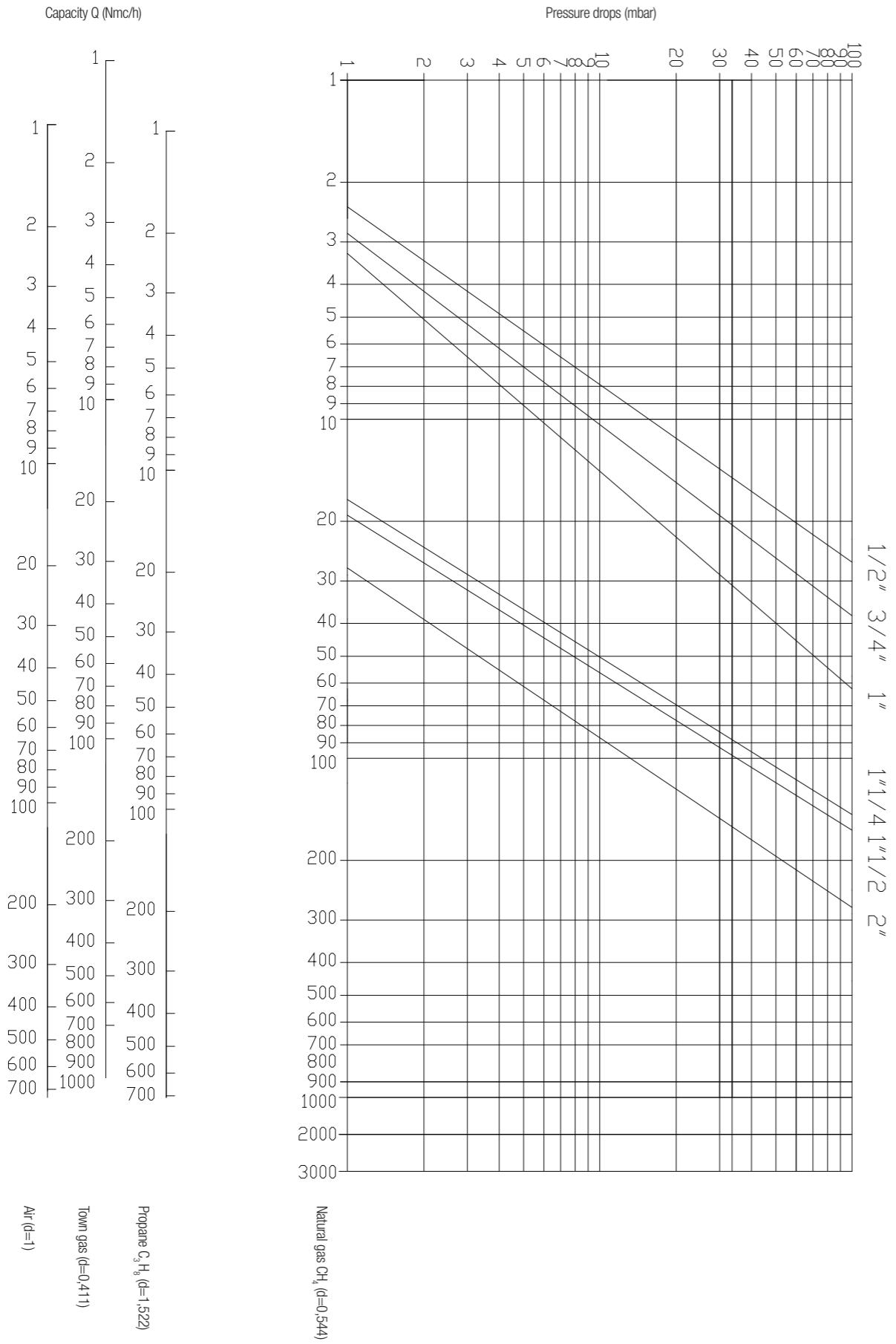
- 1 Magnetic shaft
- 2 Coil
- 3 Shaft
- 4 Reset knob
- 5 Upper body
- 6 Spring
- 7 Obturator
- 8 Body

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
DN65 2" ½	170	6 W	246	395	Dir.97/23/CE-EN161	12Vcc
DN65 2" ½	170	9 VA	246	395	Dir.97/23/CE-EN161	230Vac
DN80 3"	170	6 W	265	395	Dir.97/23/CE-EN161	12Vcc
DN80 3"	170	9 VA	265	395	Dir.97/23/CE-EN161	230Vac
DN100 4"	280	6 W	265	420	Dir.97/23/CE-EN161	12Vcc
DN100 4"	280	9 VA	265	420	Dir.97/23/CE-EN161	230Vac
DN125 5"	280	23W	445	500	Dir.97/23/CE-EN161	12Vcc
DN125 5"	280	23W	445	500	Dir.97/23/CE-EN161	230Vac
DN150 6"	280	23W	445	500	Dir.97/23/CE-EN161	12Vcc
DN150 6"	280	23W	445	500	Dir.97/23/CE-EN161	230Vac



Gas solenoid valves Normally close - from 1/2" to 2" - Pmax 550 mbar / 6 bar

Gas solenoid valves Normally close - from DN65 to DN100 - Pmax 550 mbar / 6 bar



*Gas solenoid valves manual reset
with CPI integrated*

Gas solenoid valves manual reset

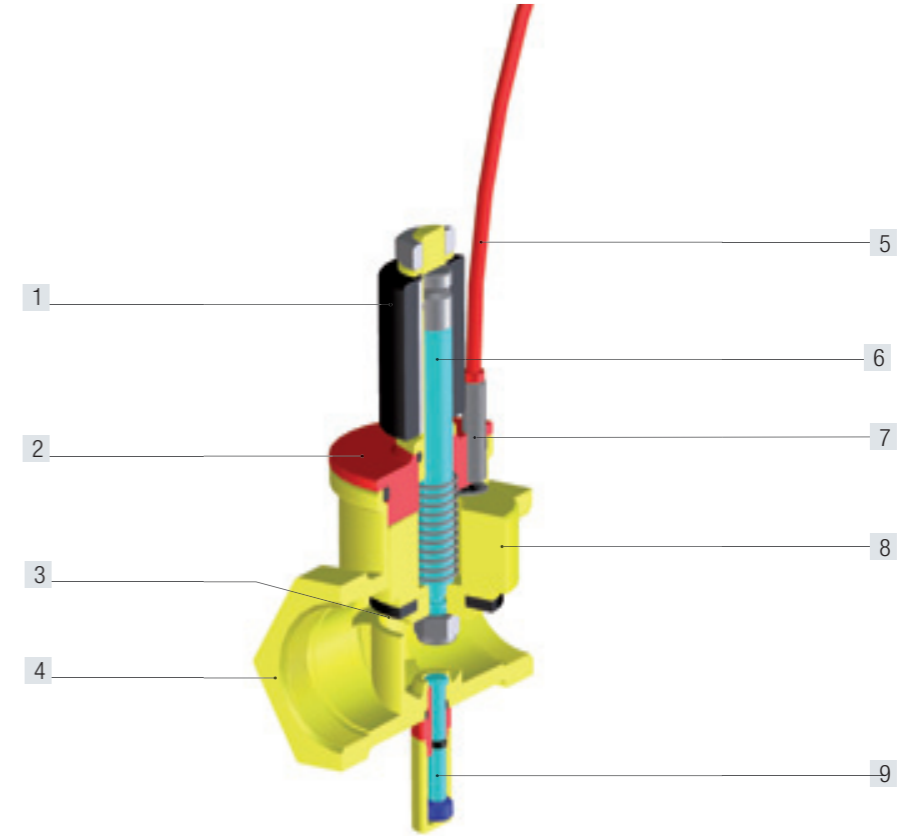
GAS SOLENOID VALVE - Manual reset - Normally close - 550 mbar
1 ¼" - 1 ½" - 2" - With control position - CPI

p. 142

GAS SOLENOID VALVE - Manual reset - Normally close - 550 mbar/6 bar
DN65 - DN80 - DN100 - With Control position - CPI

p. 144

GAS SOLENOID VALVE - Manual reset - Normally close - 550 mbar - 1 1/4" - 1 1/2" - 2" - With control position - CPI

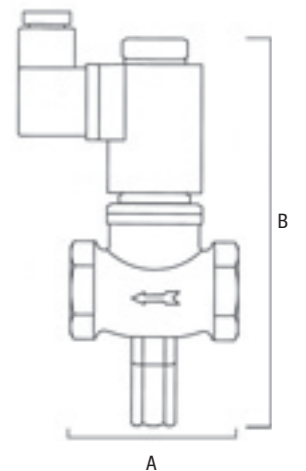


Code	Description	Dimension	Type	Pmax
VR423	Manual solenoid valve	1 1/4"	NC	550 mbar
VR424	Manual solenoid valve	1 1/2"	NC	550 mbar
VR425	Manual solenoid valve	2"	NC	550 mbar

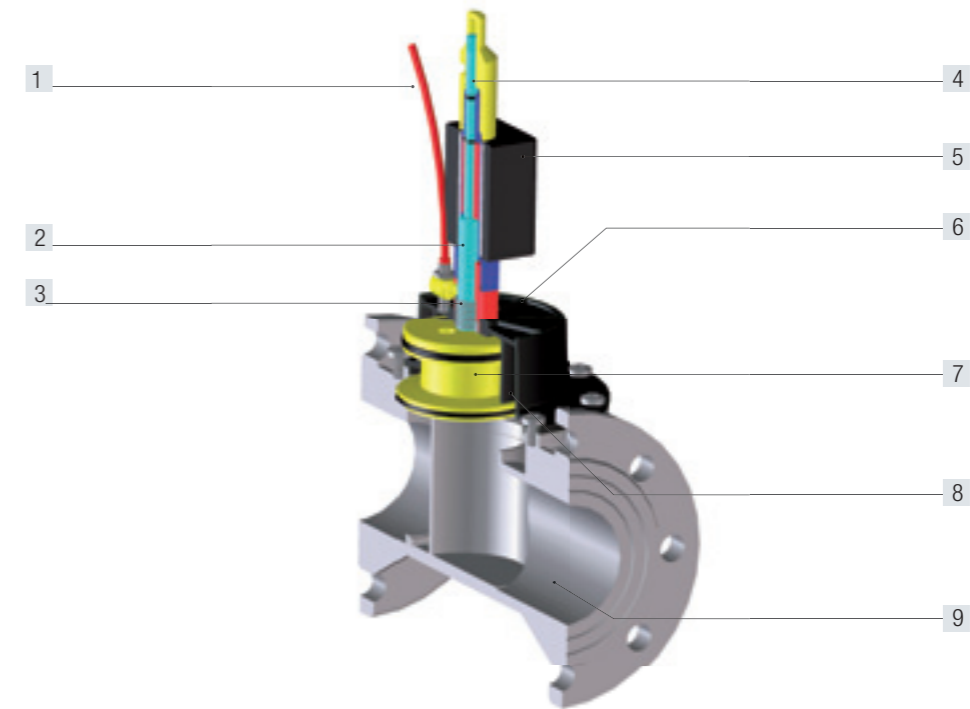
TECHNICAL FEATURES	
Power supply	230 Vac – 24 Vcc/Vac – 12 Vcc/Vac
Body	Brass ST-CW617N – EN 12420 – Yellow Painted
Working temperature	-15°C / +70°C
Closing time	< 1 sec
Max. pressure	550 mbar
Protection level	IP65
Connections	Thread 1" 1/4 , 1" 1/2" , 2" - ISO 228/1 Threads

- 1 Coil
- 2 Upper body
- 3 Obturator
- 4 Body
- 5 Magnetic sensor for position control
- 6 Magnetic shaft
- 7 Shaft
- 8 Spring
- 9 Reset knob

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
1" 1/4	40	6 W	114	200	Dir.97/23/CE-EN161	12Vcc
1" 1/4	40	9 VA	114	200	Dir.97/23/CE-EN161	230Vac
1" 1/2	50	6 W	114	200	Dir.97/23/CE-EN161	12Vcc
1" 1/2	50	9 VA	114	200	Dir.97/23/CE-EN161	230Vac
2"	80	6 W	138	210	Dir.97/23/CE-EN161	12Vcc
2"	80	9 VA	138	210	Dir.97/23/CE-EN161	230Vac



GAS SOLENOID VALVE - Manual reset - Normally close - 550 mbar / 6 bar - DN65 - DN80 - DN100 - With Control position CPI

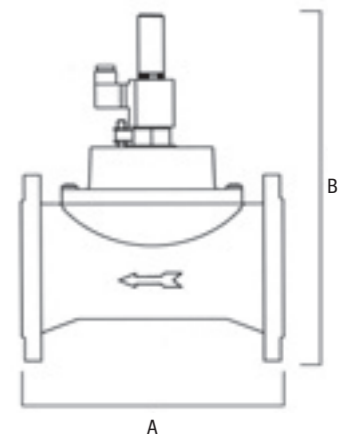


Code	Description	Dimension	Type	Pmax
VR426	Manual solenoid valve	DN65	NC	550 mbar
VR427	Manual solenoid valve	DN80	NC	550 mbar
VR428	Manual solenoid valve	DN100	NC	550 mbar
VR429	Manual solenoid valve	DN125	NC	550 mbar
VR430	Manual solenoid valve	DN150	NC	550 mbar
VR486	Manual solenoid valve	DN65	NC	6 bar
VR487	Manual solenoid valve	DN80	NC	6 bar
VR488	Manual solenoid valve	DN100	NC	6 bar
VR489	Manual solenoid valve	DN125	NC	6 bar
VR490	Manual solenoid valve	DN150	NC	6 bar

TECHNICAL FEATURES	
Power supply	230 Vac – 24 Vcc/Vac – 12 Vcc/Vac
Body	Aluminium EN AC 43100
Working temperature	-15°C / +70°C
Closing time	< 1 sec
Max. pressure	550 mbar/6bar
Protection level	IP65
Connections	Flanged UNI 2223- PN16

- 1 Magnetic sensor for position control
- 2 Magnetic shaft
- 3 Spring
- 4 Reset knob
- 5 Coil
- 6 Upper body
- 7 Obturator
- 8 Shaft
- 9 Body

Dimension	Flow (mc/H)	Power	A (mm)	B (mm)	Approvals	Power supply
DN65 2" ½	170	6 W	246	395	Dir.97/23/CE-EN161	12Vcc
DN65 2" ½	170	9 VA	245	395	Dir.97/23/CE-EN161	230Vac
DN80 3"	170	6 W	265	395	Dir.97/23/CE-EN161	12Vcc
DN80 3"	170	9 VA	265	395	Dir.97/23/CE-EN161	230Vac
DN100 4"	280	6 W	265	420	Dir.97/23/CE-EN161	12Vcc
DN100 4"	280	9 VA	265	420	Dir.97/23/CE-EN161	230Vac

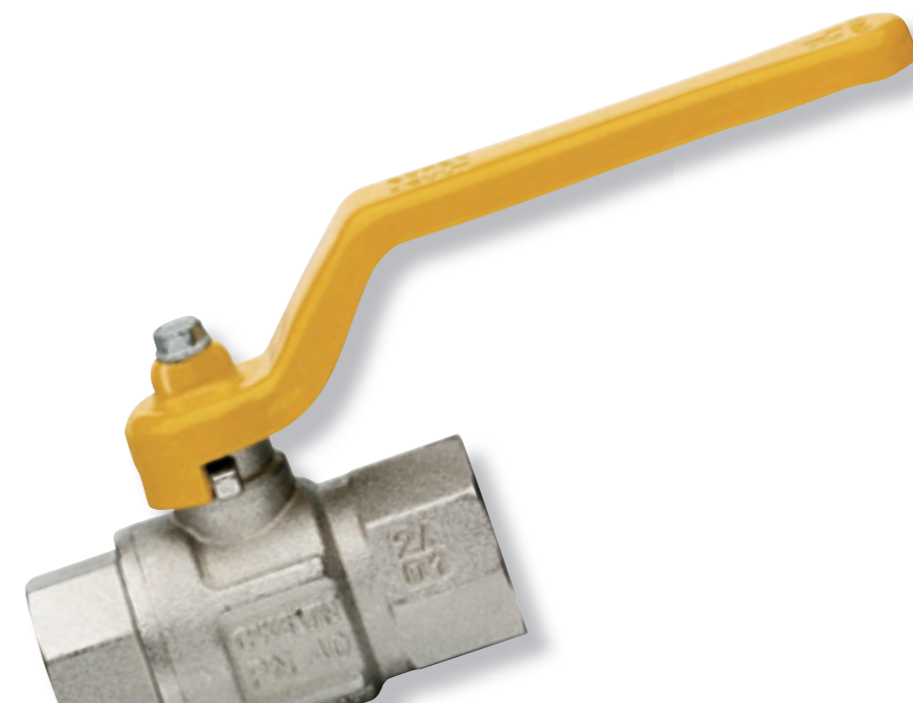


Accessories for gas train

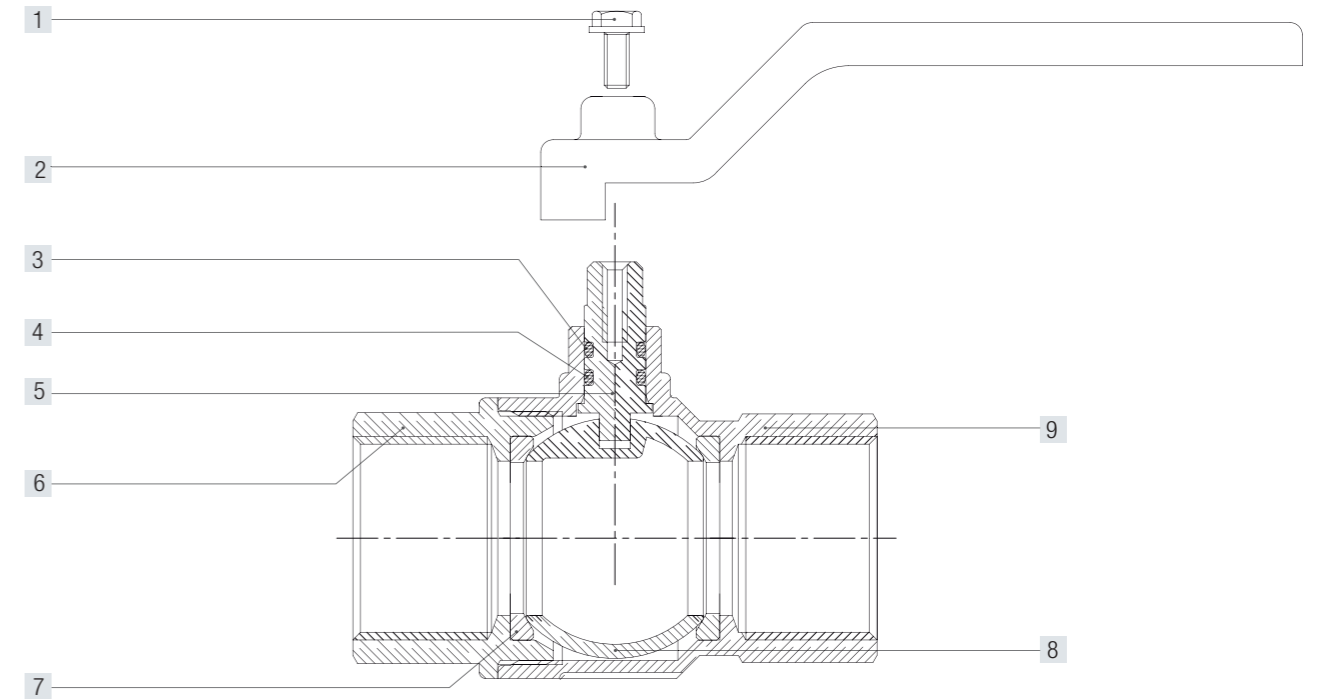
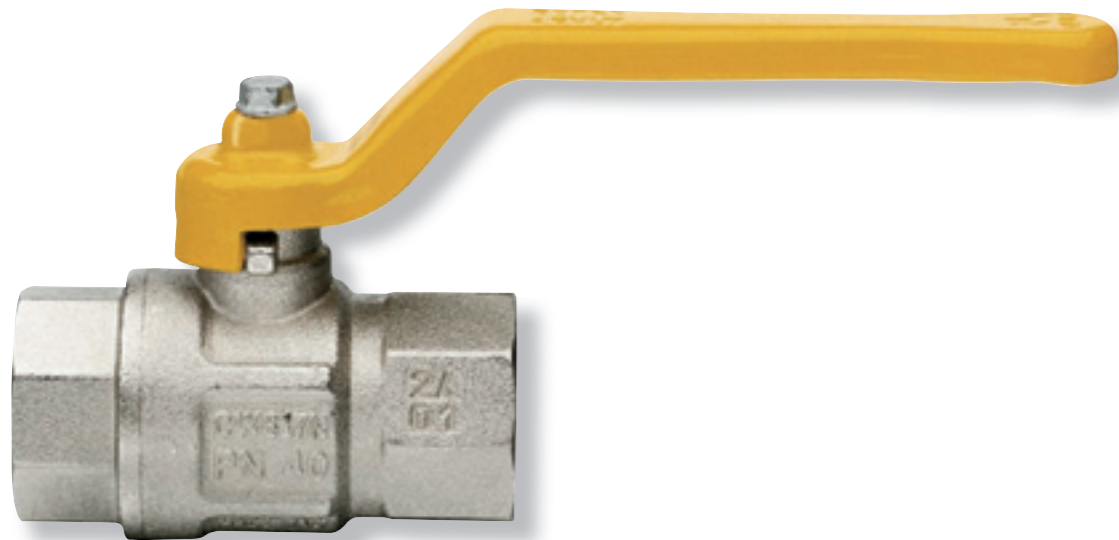
» This section is for all accessories complementary to the gas train.

Accessories for gas train

GAS BALL VALVE	p. 148
FLANGED CAST IRON GAS BALL VALVE	p. 156
GUAGES FOR GAS WITH BOURDON SPRING	p. 162
GAS GUAGE, CAPSULE PRESSURE GAUGES	p. 164
ACCESSORIES FOR PRESSURE GAUGES	p. 165
GAS DETECTION	p. 166



GAS BALL VALVE, FULL FLOW



Code	Packing	Dimension	Pmax
BV008-FF	12/192	1/4" (DN 8)	PN50
BV010-FF	12/192	3/8" (DN 10)	PN50
BV015-FF	10/100	1/2" (DN 15)	PN50
BV020-FF	8/64	3/4" (DN 20)	PN40
BV025-FF	6/48	1" (DN 25)	PN30
BV032-FF	4/32	1 1/4" (DN 32)	PN30
BV040-FF	2/16	1 1/2" (DN 40)	PN30
BV050-FF	2/14	2" (DN 50)	PN25

TECHNICAL FEATURES

Model Female threads. Lever handle in steel.

Inlet - Outlet Connection Female thread ISO 7/1 Rp parallel (equivalent to DIN EN 10226-1 and BS EN 10226-1) NPT threads on request

Working Temperature - 20° C, + 60° C.

Approval EN 331

Materials:

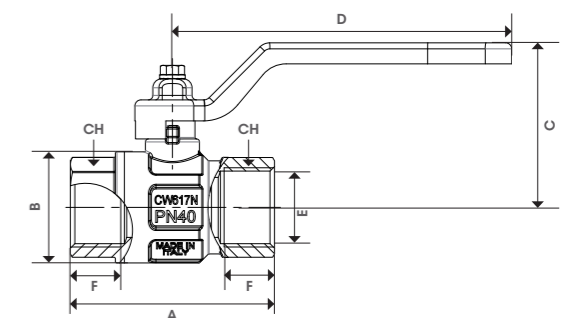
Complete Body Body in nickel-plated brass.

1	Screw
2	Lever handle
3	O-Ring
4	O-Ring
5	Stem
6	End adapter
7	Seat
8	Ball
9	Body

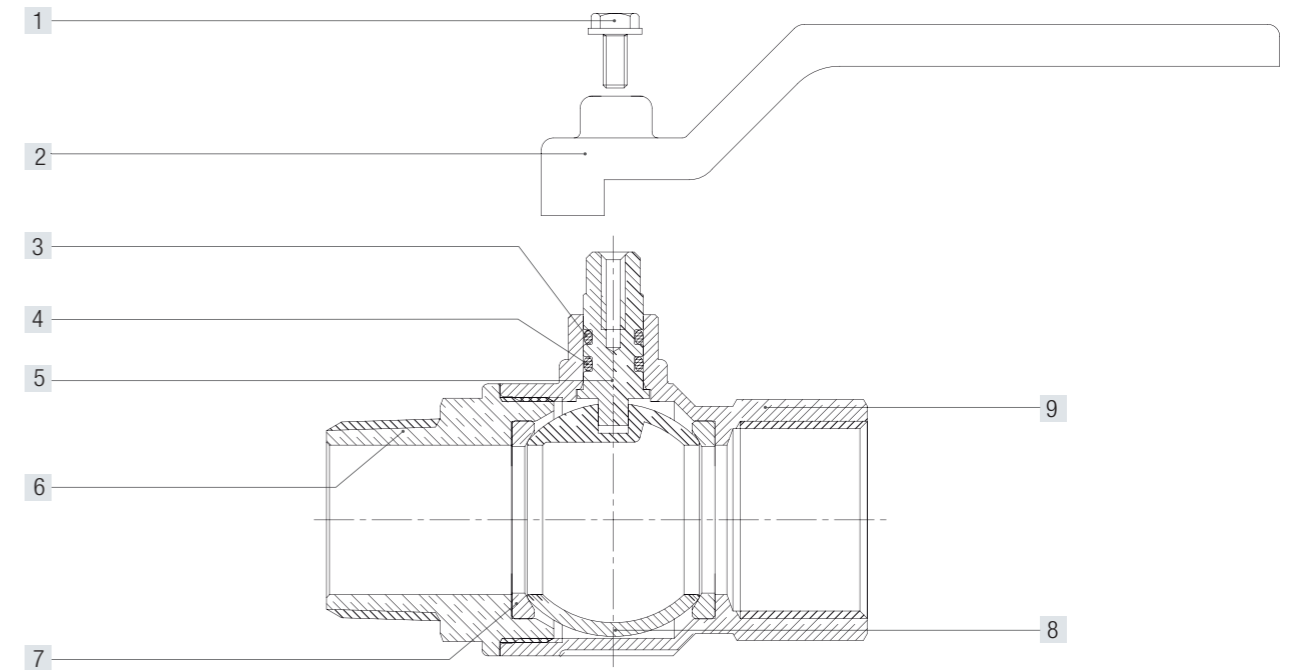
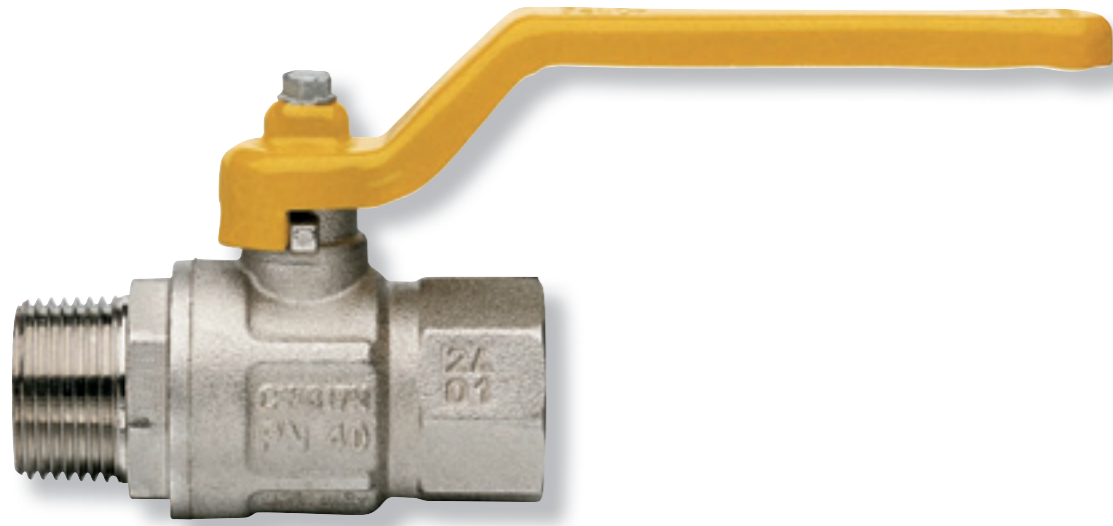
POS.	DESCRIPTION	N	MATERIAL
1	Screw	1	Zinc-plated steel Fe CB4
2	Lever handle	1	Zinc-plated and varnished steel Fe.P.04
3	O-Ring	1	VITON®
4	O-Ring	1	NBR
5	Stem	1	Brass CW614N
6	End adapter	1	Nickel-plated brass CW617N
7	Seat	1	P.T.F.E.
8	Ball	1	Chrome-plated brass CW617N
9	Body	1	Nickel-plated brass CW617N

DIMENSIONS (mm) and WEIGHT (kgs)

Dimension	DN	A	B	C	D	E	F	CH	Kg/cm² bar	LBS-psi
1/4"	8	49,5	23,5	37,3	80	10	11	18	5	72,5
3/8"	10	52,4	24	37,3	80	10	11,4	21	5	72,5
1/2"	15	61	30,5	48,8	88,5	15	15	25	5	72,5
3/4"	20	68	37	54,8	113	20	16,3	31	5	72,5
1"	25	85	45,5	56,8	113	25	19,1	38	5	72,5
1 1/4"	32	99,5	58	75	138	32	21,4	47	5	72,5
1 1/2"	40	109	71	90,3	157,8	40	21,4	54	5	72,5
2"	50	130	85	97,3	157,8	50	25,7	66	5	72,5



GAS BALL VALVE, FULL FLOW



Code	Packing	Dimension	Pmax
BV008-MF	12/192	1/4" (DN 8)	PN50
BV010-MF	12/132	3/8" (DN 10)	PN50
BV015-MF	10/100	1/2" (DN 15)	PN50
BV020-MF	8/64	3/4" (DN 20)	PN40
BV025-MF	6/48	1" (DN 25)	PN30
BV032-MF	4/24	1 1/4" (DN 32)	PN30
BV040-MF	2/16	1 1/2" (DN 40)	PN30
BV050-MF	2/14	2" (DN 50)	PN25

TECHNICAL FEATURES

Model Male/female threads. Lever handle in steel.

Inlet - Outlet Connection Female thread ISO 7/1 Rp parallel (equivalent to DIN EN 10226-1 and BS EN 10226-1)

Working Temperature - 20° C, + 60° C.

Approval EN 331

Materials:

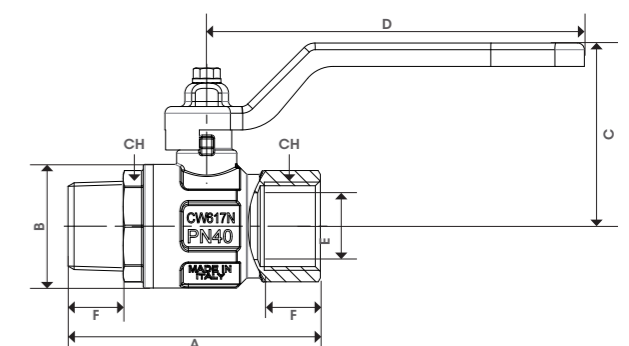
Complete Body Body in nickel-plated brass.

1	Screw
2	Lever handle
3	O-Ring
4	O-Ring
5	Stem
6	End adapter
7	Seat
8	Ball
9	Body

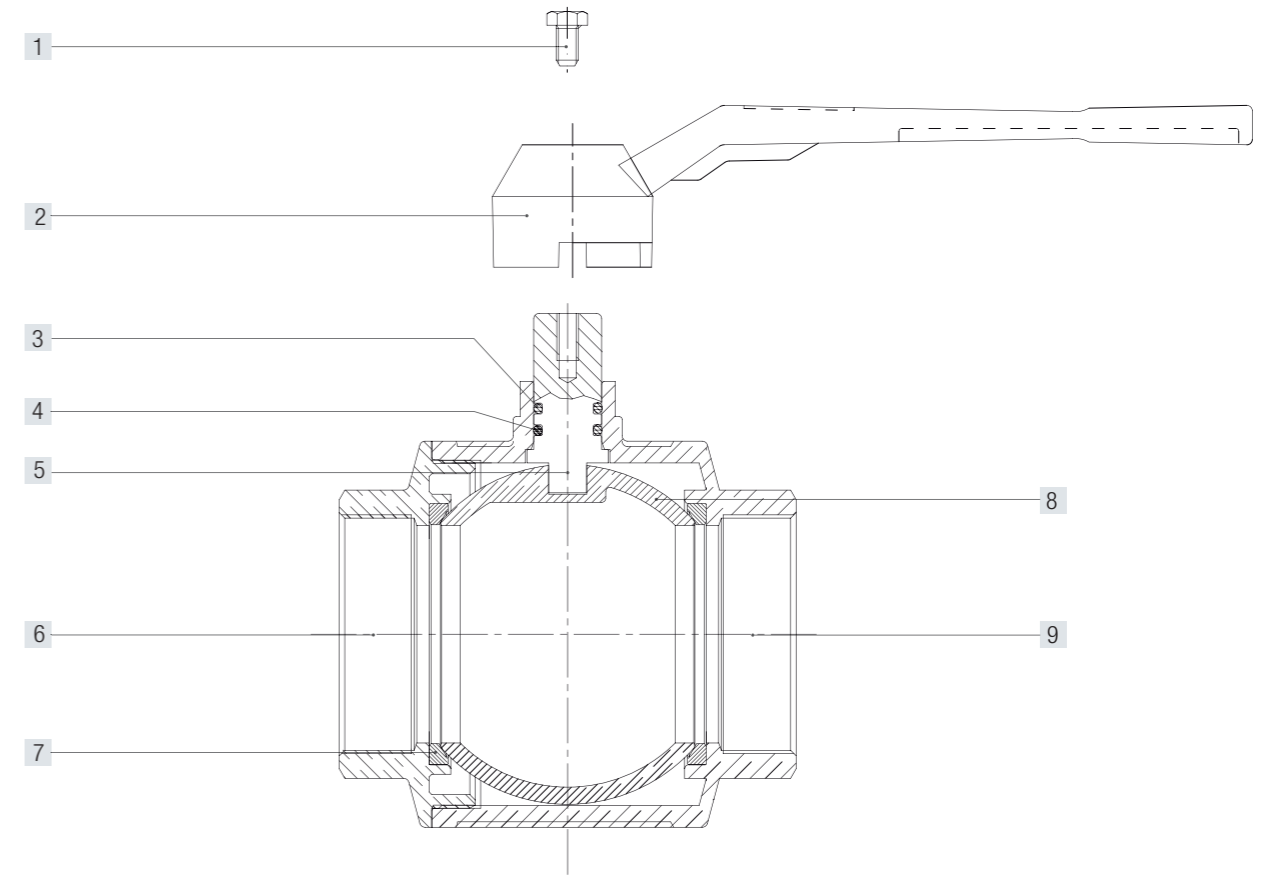
POS.	DESCRIPTION	N	MATERIAL
1	Screw	1	Zinc-plated steel Fe CB4
2	Lever handle	1	Zinc-plated and varnished steel Fe.P.04
3	O-Ring	1	VITON®
4	O-Ring	1	NBR
5	Stem	1	Brass CW614N
6	End adapter	1	Nickel-plated brass CW617N
7	Seat	1	P.T.F.E.
8	Ball	1	Chrome-plated brass CW617N
9	Body	1	Nickel-plated brass CW617N

DIMENSIONS (mm) and WEIGHT (kgs)

Dimension	DN	A	B	C	D	E	F	CH	Kg/cm² bar	LBS-psi
1/4"	8	56,9	23,5	37,3	80	8	11	18	5	72,5
3/8"	10	58,9	24	37,3	80	10	11,4	21	5	72,5
1/2"	15	68	30,5	48,8	88,5	15	15	25	5	72,5
3/4"	20	75,5	37	54,8	113	20	16,3	31	5	72,5
1"	25	90,5	45,5	56,8	113	25	19,1	38	5	72,5
1 1/4"	32	105	58	75	138	32	21,4	47	5	72,5
1 1/2"	40	115,5	71	90,3	157,8	39	21,4	54	5	72,5
2"	50	135,5	85	97,3	157,8	50	25,7	66	5	72,5



GAS BALL VALVE, FULL FLOW



Code	Packing	Dimension	Pmax
BV065-FF	1/5	2"1/2 (DN 65)	PN18
BV080-FF	1/3	3" (DN 80)	PN16
BV100-FF	1/2	4" (DN 100)	PN14

TECHNICAL FEATURES

Model Female threads. Lever handle in aluminium.

Inlet - Outlet Connection Threads ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Working Temperature - 20° C, + 60° C.

Approval

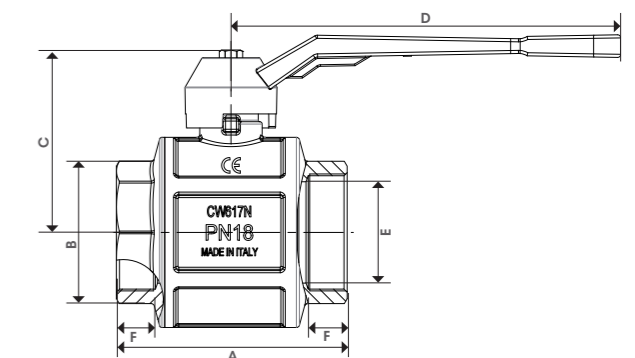
Materials:

Complete Body Body in nickel-plated brass.

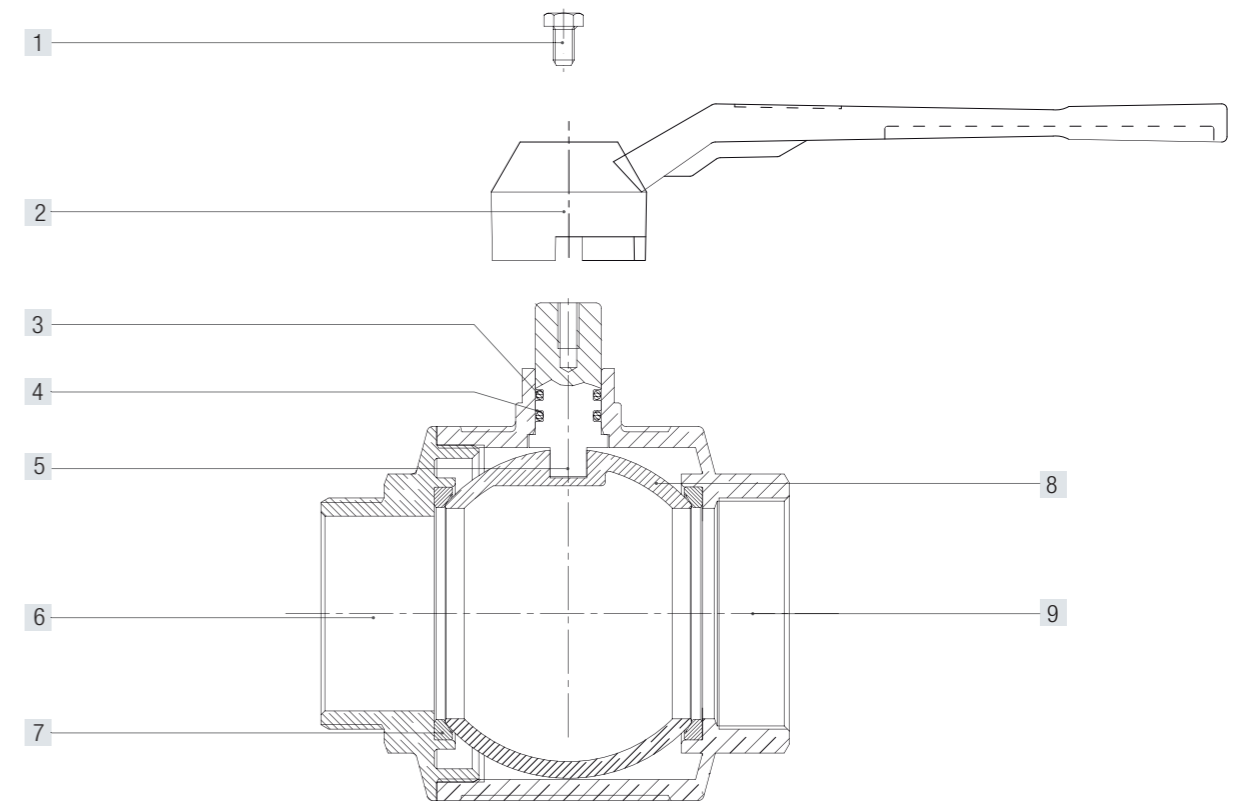
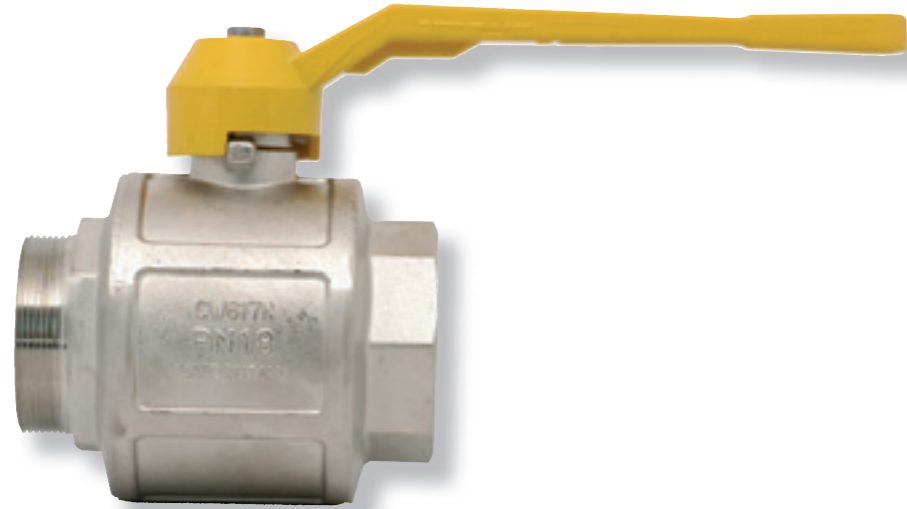
- 1 Screw
- 2 Lever handle
- 3 O-Ring
- 4 O-Ring
- 5 Stem
- 6 End adapter
- 7 Seat
- 8 Ball
- 9 Body

POS.	DESCRIPTION	N	MATERIAL
1	Screw	1	Zinc-plated steel Fe CB4
2	Lever handle	1	Aluminium
3	O-Ring	1	VITON®
4	O-Ring	1	NBR
5	Stem	1	Brass CW614N
6	End adapter	1	Nickel-plated brass CW617N
7	Seat	1	P.T.F.E.
8	Ball	1	Chrome-plated brass CW617N
9	Body	1	Nickel-plated brass CW617N

DIMENSIONS (mm) and WEIGHT (kgs)									
Dimension	DN	A	B	C	D	E	F	Kg/cm² bar	LBS-psi
2" 1/2"	65	148	122	126,75	250	65	25	18	261
3"	80	168	142	135,75	250	80	27,5	16	232
4"	100	204	180	153,75	250	100	30	14	203



GAS BALL VALVE, FULL FLOW



Code	Packing	Dimension	Pmax
BV065-MF	1/5	2"½ (DN 65)	PN18
BV080-MF	1/3	3" (DN 80)	PN16
BV100-MF	1/2	4" (DN 100)	PN14

TECHNICAL FEATURES

Model Male/female threads. Lever handle in aluminium.

Inlet - Outlet Connection Threads ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Working Temperature - 20° C, + 60° C.

Approval

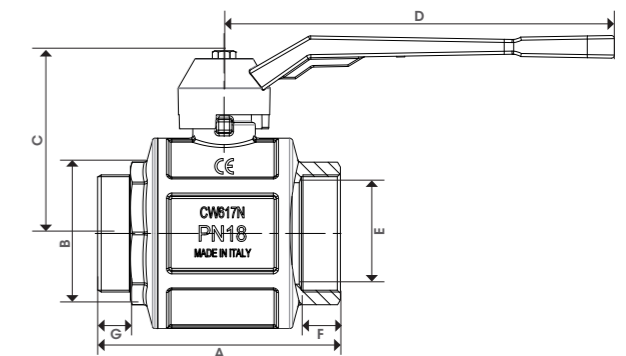
Materials:

Complete Body Body in nickel-plated brass.

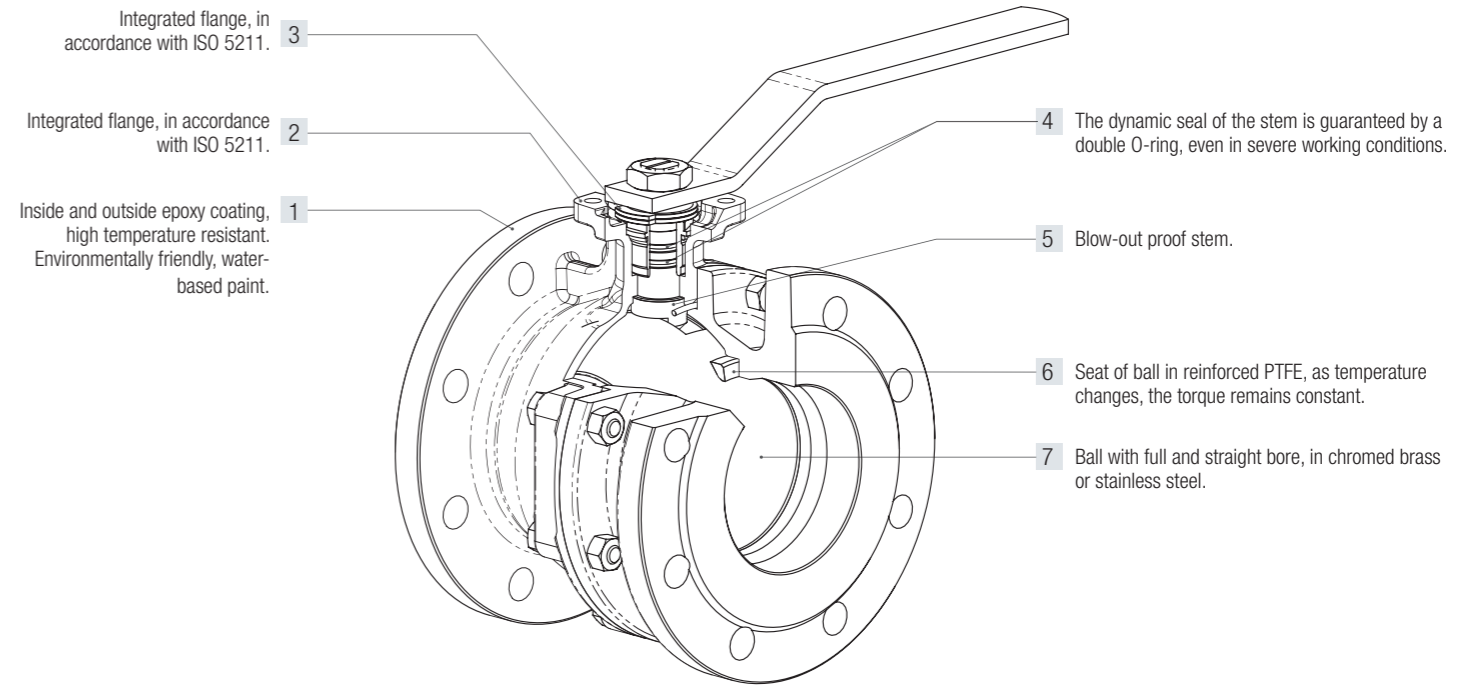
1	Screw
2	Lever handle
3	O-Ring
4	O-Ring
5	Stem
6	End adapter
7	Seat
8	Ball
9	Body

POS.	DESCRIPTION	N	MATERIAL
1	Screw	1	Zinc-plated steel Fe CB4
2	Lever handle	1	Aluminium
3	O-Ring	1	VITON®
4	O-Ring	1	NBR
5	Stem	1	Brass CW614N
6	End adapter	1	Nickel-plated brass CW617N
7	Seat	1	P.T.F.E.
8	Ball	1	Chrome-plated brass CW617N
9	Body	1	Nickel-plated brass CW617N

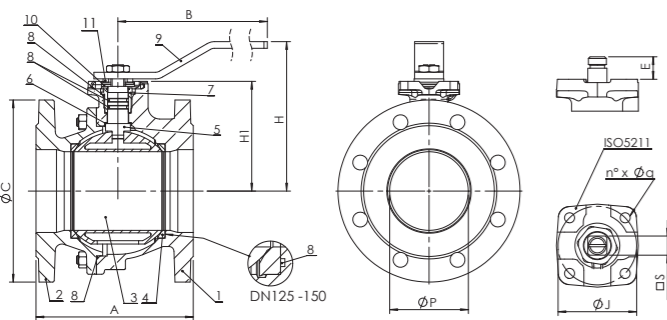
DIMENSIONS (mm) and WEIGHT (kgs)										
Dimension	DN	A	B	C	D	E	F	G	Kg/cm² bar	LBS-psi
2" ½"	65	155,5	122	126,75	250	63	25	21	18	261
3"	80	178	142	135,75	250	74	27,5	24	16	232
4"	100	208	180	153,75	250	97	30	23	14	203



Flanged cast iron gas ball valve



Code	Dimension
BVD015D	½"
BVD020D	¾"
BVD025D	1"
BVD032D	1 ¼"
BVD040D	1 ½"
BVD050D	2"
BVD065D	DN65
BVD080D	DN80
BVD100D	DN100
BVD125D	DN125
BVD150D	DN150
BVD200D	DN200



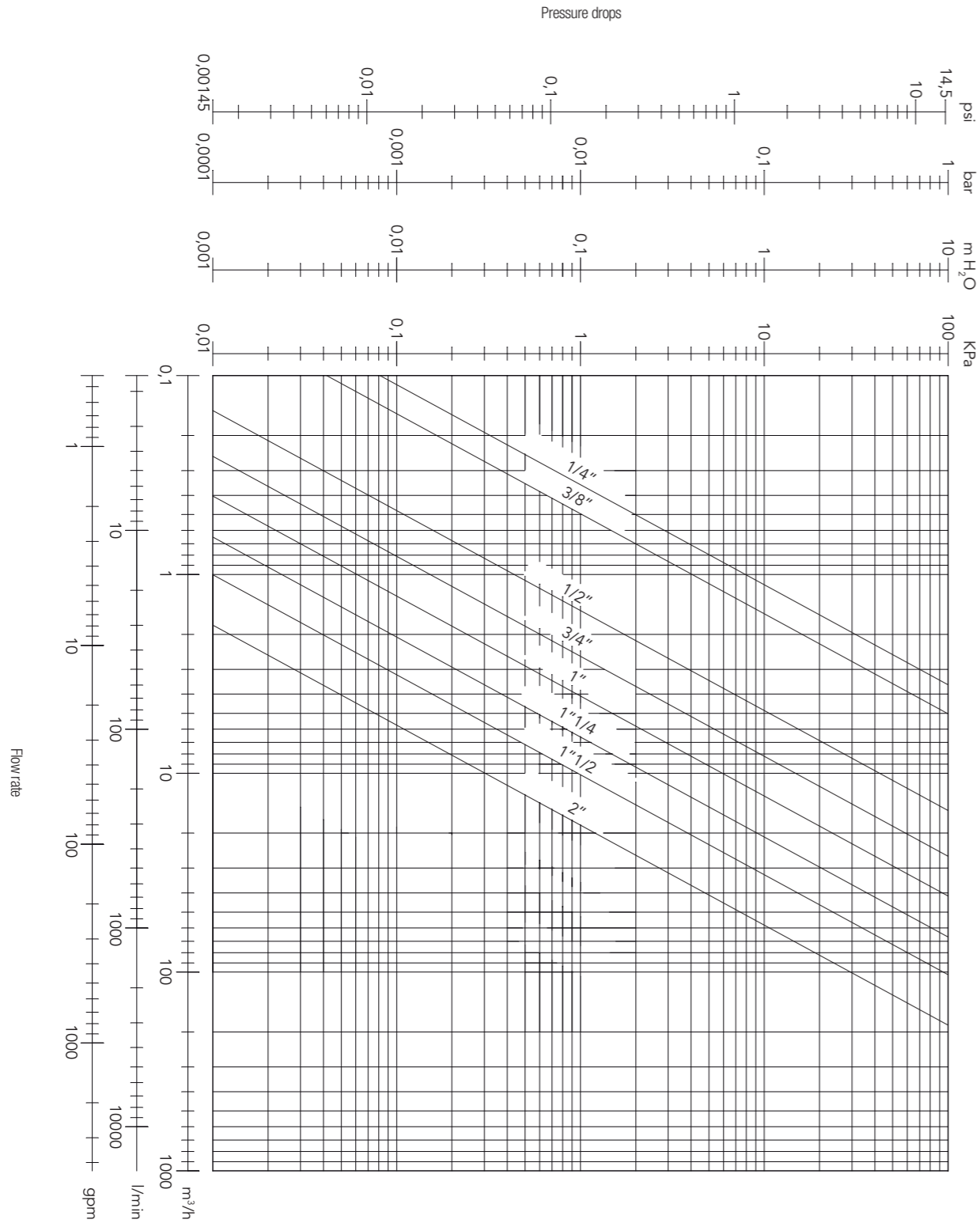
POS.	DESCRIPTION	MATERIAL
1	Body	EN GJS 400-15 / EN GJL250*, epoxy coated
2	Flange	EN GJS 400-15 / EN GJL250*, epoxy coated
3	Ball	Brass CuZn40Pb2 chrome plated / AISI 304 / AISI 316 / EN GJL250**
4	Ball seat	Reinforced PTFE
5	Stem	Brass CuZn40Pb2 / AISI 304 / AISI 316
6	Sliding washer	PTFE
7	Ring	Brass CuZn40Pb2 / AISI 304 / AISI 316
8	O-Ring	NBR /FKM (Viton®)
9	Lever	Carbon steel, epoxy coated
10	Stop plate	Galvanized carbon steel
11	Spring washer	Galvanized carbon steel

DN	DIMENSIONS (mm)											
	15	20	25	32	40	50	65	80	100	125	150	200
P	15	20	25	32	40	50	63	76	95	120	145	190
A	EN 558/1-14 (ex DIN 3202 F4)											
H	84	84	96	101	125	135	143	165	180	225	243	320
H1	50,5	52	59	64	78,5	87	95	118	132,5	165	182,5	230
B	160	160	170	170	230	230	230	280	360	450	560	1000
C	EN1092/2 PN 16											
ISO5211	F04	F04	F04	F04	F05	F05	F05	F05	F07	F07	F10	F10
J	42	42	42	42	50	50	50	70	70	102	102	125
n°x Ø q	4X6	4X6	4X6	4X6	4X7	4X7	4X7	4X9	4X9	4X11	4X11	4X13
E	11,5	11,5	14,5	14,5	17,5	17,5	17,5	20	20	24,5	24,5	27
S	□ 9	□ 9	□ 11	□ 11	□ 14	□ 14	□ 14	□ 17	□ 17	□ 22	□ 22	□ 27

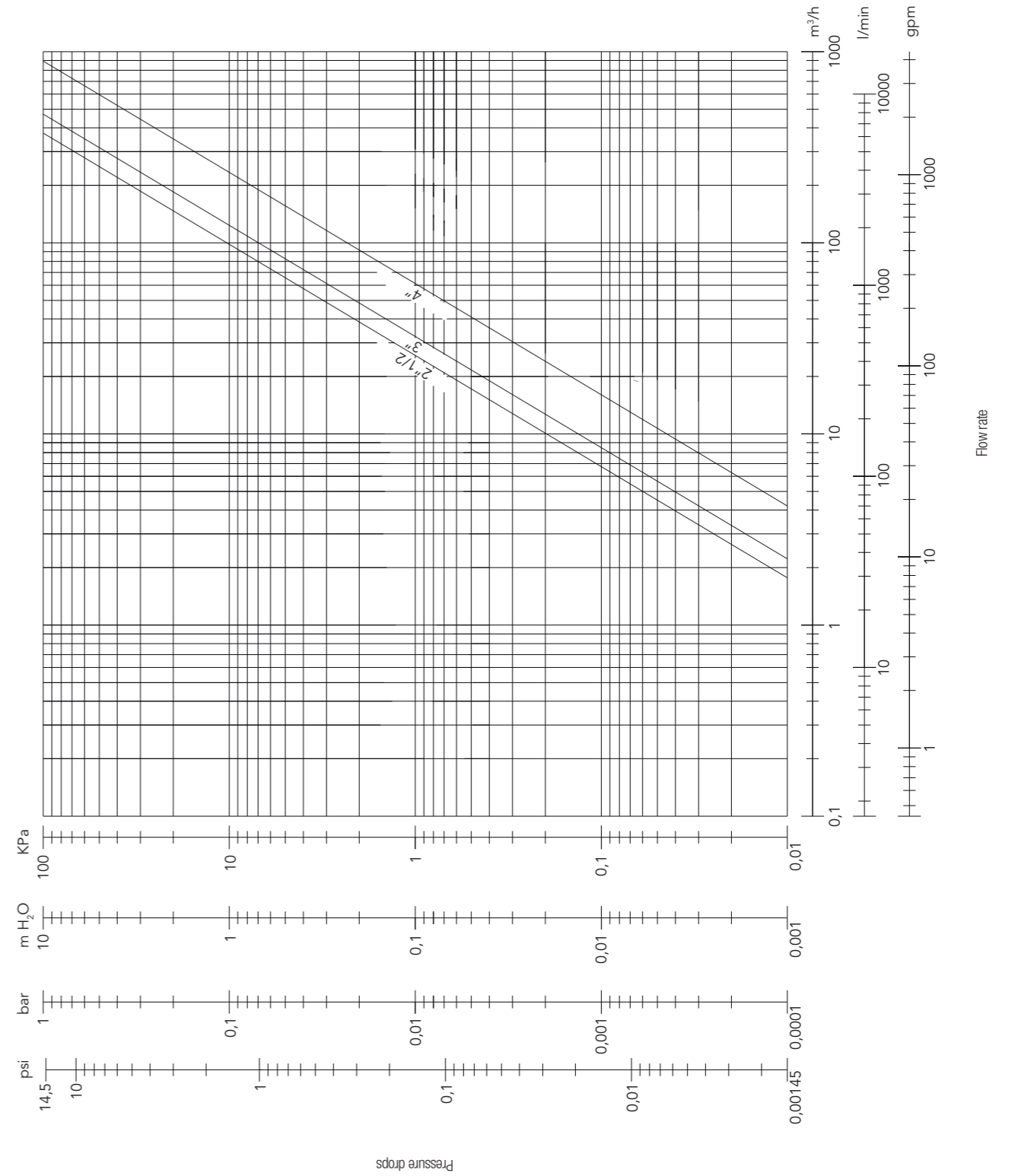
WEIGHT (Kg)												
	2,6	3,3	4,2	5,8	7,5	9	10,5	15,5	18,5	28	38,5	93

OPERATING TORQUE (Nm)												
	15	15	18	18	18	20	40	70	100	180	250	600

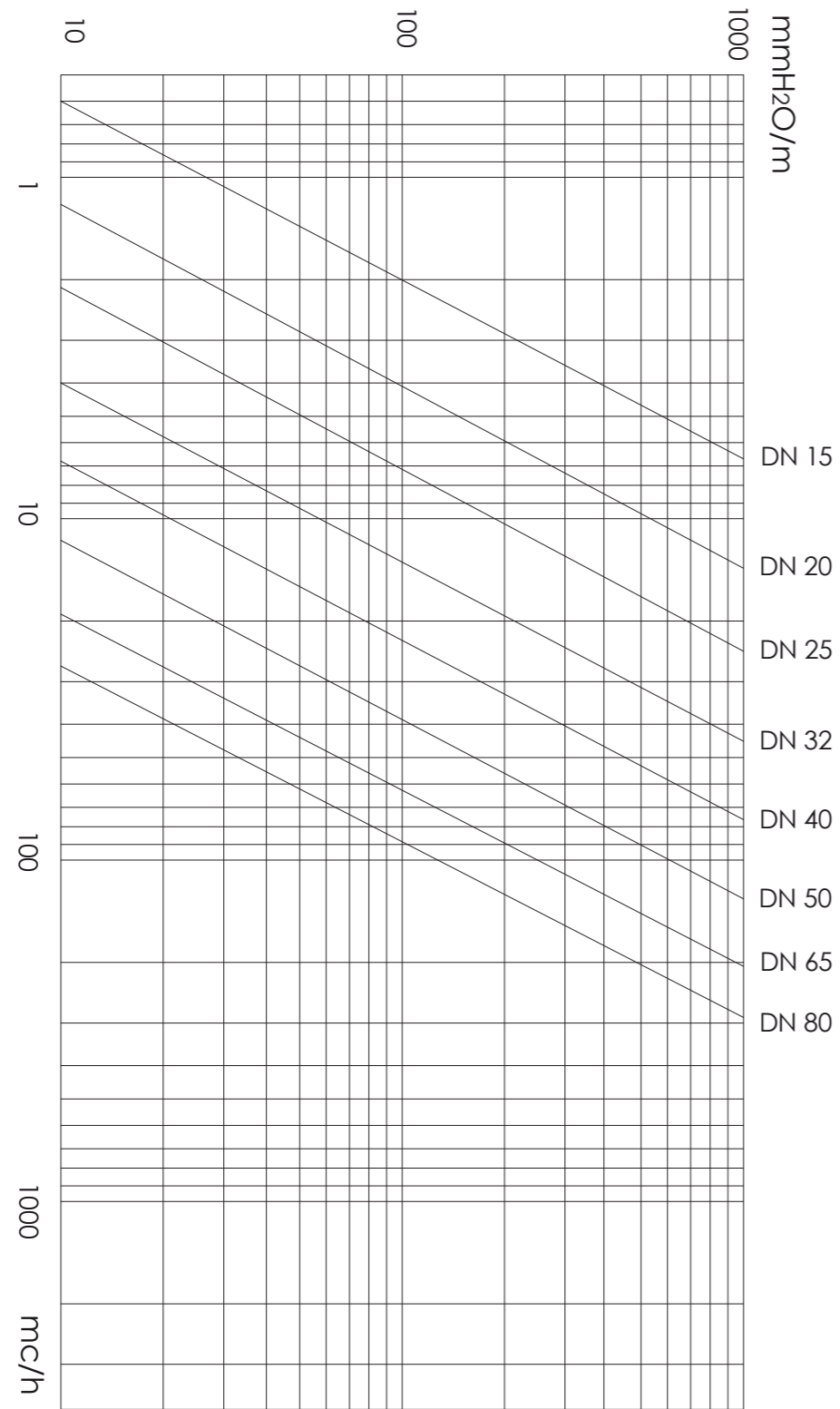
GAS BALL VALVE, FULL FLOW - FROM 1/2" TO 2"



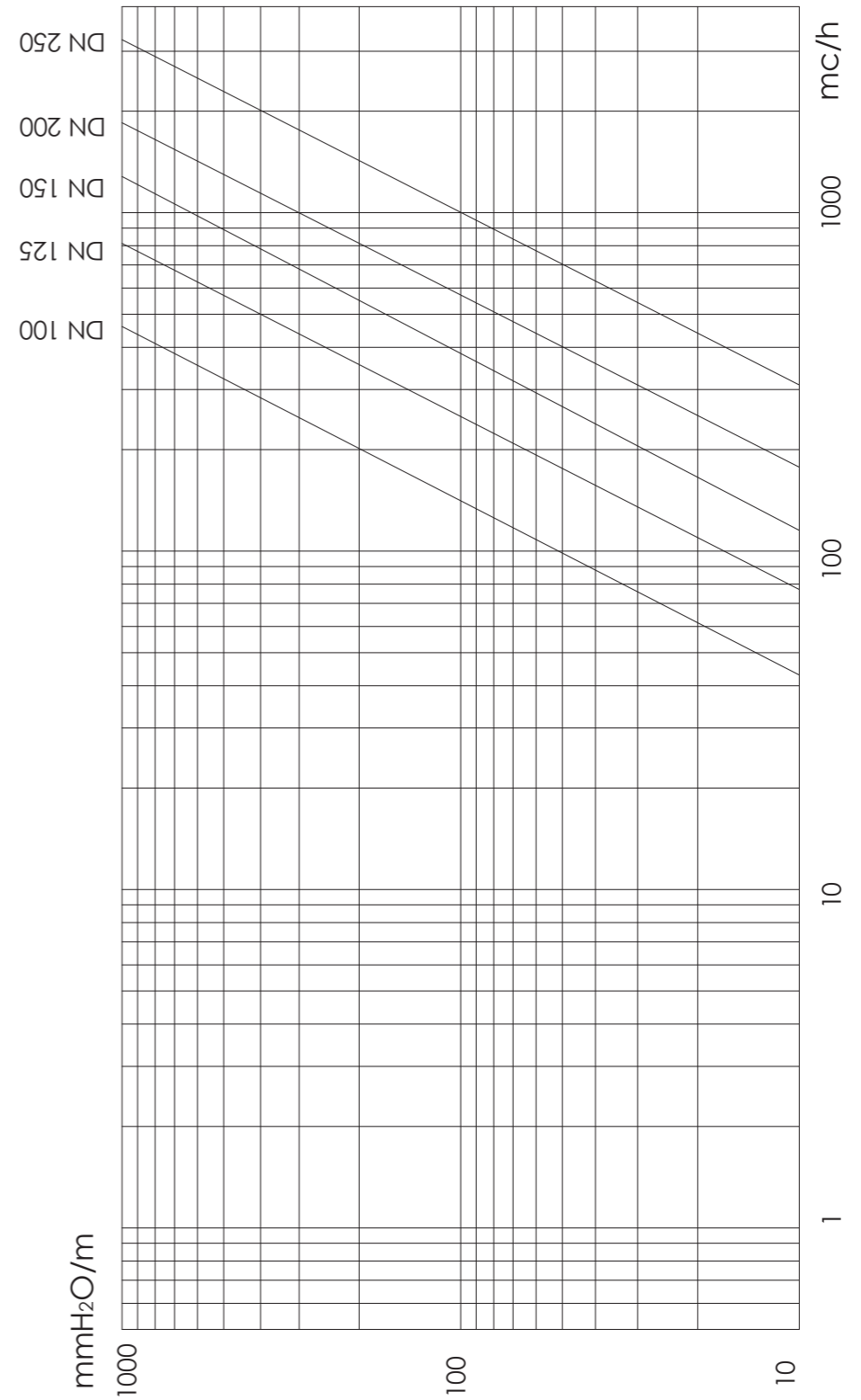
GAS BALL VALVE, FULL FLOW - FROM 2 1/2" TO 4"



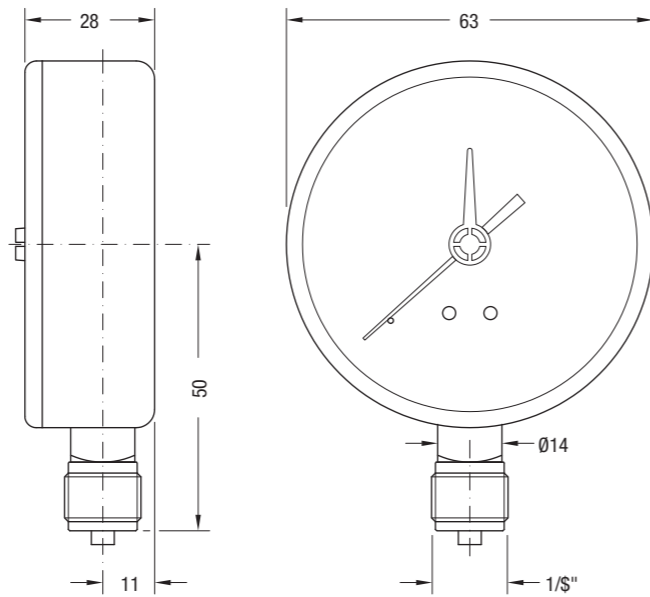
FLANGED CAST IRON GAS BALL VALVE - FROM 1/2" TO DN80



FLANGED CAST IRON GAS BALL VALVE - FROM DN100 TO DN200



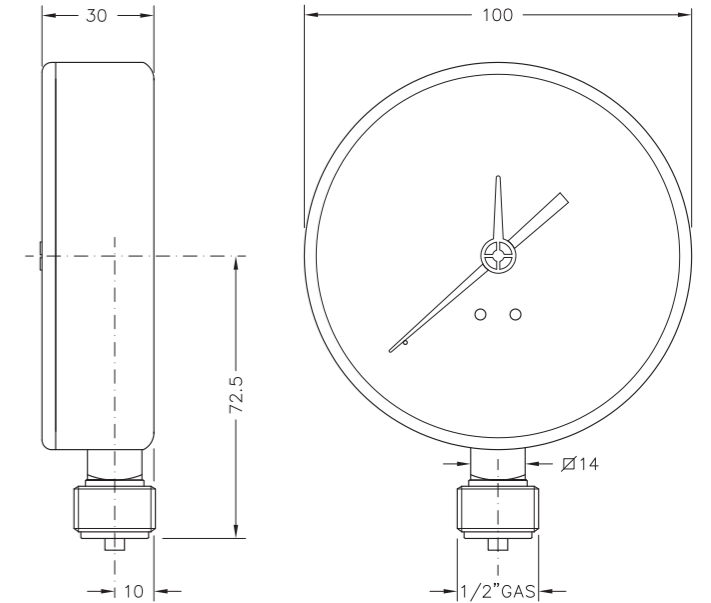
Guages for Gas with bourdon spring - M63-M80



Code	Description	Connection	Scale
GM004- 63 - BS	M 63 RP IR bar	1/4"	4 bar
GM006- 63 - BS	M 63 RP IR bar	1/4"	6 bar
GM010- 63 - BS	M 63 RP IR bar	1/4"	10 bar
GM016- 63 - BS	M 63 RP IR bar	1/4"	16 bar
GM004- 80 - BS	M 80 RP IR bar	3/8"	4 bar
GM006- 80 - BS	M 80 RP IR bar	3/8"	6 bar
GM010- 80 - BS	M 80 RP IR bar	3/8"	10 bar
GM016- 80 - BS	M 80 RP IR bar	3/8"	16 bar

TECHNICAL FEATURES	
Applications	Pressure gauges with red adjustable reference indicator to use on appliances and installations governed by I.S.P.E.S.L. regulations, suitable for measuring the pressure of liquid and gaseous fluids, provided they are not highly viscous, crystallizing or corrosive to copper and tin alloys.
Main fields of application	<ul style="list-style-type: none"> - plumbing equipment and systems - heating systems - regulated equipment or subject to I.S.P.E.S.L. control
Normative References	<ul style="list-style-type: none"> - EN 837-1 2.5 precision class - according to I.S.P.E.S.L. normative - CE 1997-23 directive (PED) - degree of protection IP31 according to EN 60529
Operating limits	
Temperatures	On the body of the pressure gauge -40 ÷ +70 °C Of pressurized fluid max 70 °C
Pressure	Up to 3/4 of the full scale value for static pressures Up to 2/3 of the full scale value for fluctuating pressure Up to the full scale value for short periods
Fluids	Liquid or gaseous non-corrosive to copper alloys, not highly viscous, not crystallising Gauges not suitable for oxygen
Construction features	<ul style="list-style-type: none"> - shockproof ABS case - crystal clear methacrylate window - red adjustable indicator mounted on window - prepainted aluminium white dial - black graphics - available two different series of graduations: bar or mH2O (hydrometers) - black plastic indicator - brass coupling - "C" shaped Bourdon spring in copper alloy - movement in watch brass alloy (OT59) - weight 128 gr

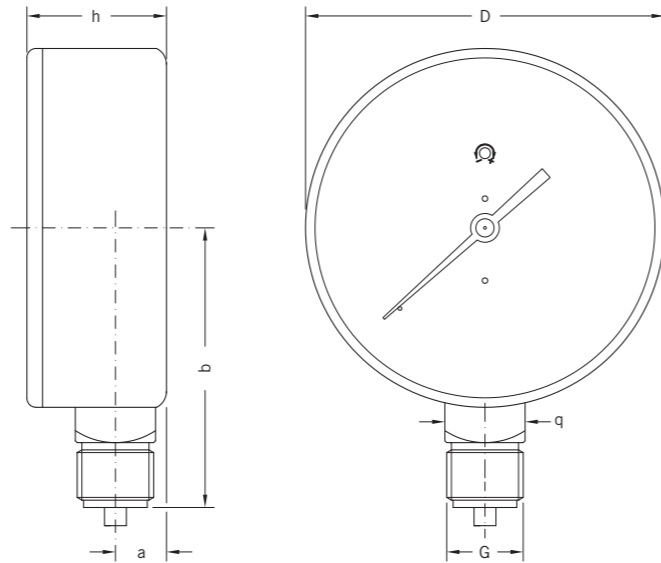
Guages for Gas with bourdon spring - M100



Code	Description	Connection	Scale
GM004-100 - BS	M 100 RM IR bar	1/2"	4 bar
GM006-100 - BS	M 100 RM IR bar	1/2"	6 bar
GM010-100 - BS	M 100 RM IR bar	1/2"	10 bar
GM016-100 - BS	M 100 RM IR bar	1/2"	16 bar

TECHNICAL FEATURES	
Applications	Pressure gauges with red adjustable reference indicator to use on appliances and installations governed by I.S.P.E.S.L. regulations, suitable for measuring the pressure of liquid and gaseous fluids, provided they are not highly viscous, crystallizing or corrosive to copper and tin alloys.
Main fields of application	<ul style="list-style-type: none"> - plumbing equipment and systems - heating systems - regulated equipment or subject to I.S.P.E.S.L. control
Normative References	<ul style="list-style-type: none"> - EN 837-1 2.5 precision class - according to I.S.P.E.S.L. normative - CE 1997-23 directive (PED) - degree of protection IP31 according to EN 60529
Operating limits	
Temperatures	On the body of the pressure gauge -40 ÷ +70 °C Of pressurized fluid max 70 °C
Pressure	Up to 3/4 of the full scale value for static pressures Up to 2/3 of the full scale value for fluctuating pressure Up to the full scale value for short periods
Fluids	Liquid or gaseous non-corrosive to copper alloys, not highly viscous, not crystallising Gauges not suitable for oxygen
Construction features	<ul style="list-style-type: none"> - painted steel black case - crystal clear methacrylate window - red adjustable indicator mounted on window - prepainted aluminium white dial - black graphics - available two different series of graduations: bar or mH2O (hydrometers) - black plastic indicator - brass coupling - "C" shaped Bourdon spring in copper alloy - movement in watch brass alloy (OT59) - weight 242 gr

Gas gauge, capsule pressure gauges, bottom connection, gas-specific version, DN 63-80-100



Code	Description	Connection	Scale
GM040 - 63	MP 63 RM	1/4"	40 mbar
GM060 - 63	MP 63 RM	1/4"	60 mbar
GM100 - 63	MP 63 RM	1/4"	100 mbar
GM160 - 63	MP 63 RM	1/4"	160 mbar
GM250 - 63	MP 63 RM	1/4"	250 mbar
GM400 - 63	MP 63 RM	1/4"	400 mbar
GM600 - 63	MP 63 RM	1/4"	600 mbar

GM040 - 80	MP 80 RM	3/8"	40 mbar
GM060 - 80	MP 80 RM	3/8"	60 mbar
GM100 - 80	MP 80 RM	3/8"	100 mbar
GM160 - 80	MP 80 RM	3/8"	160 mbar
GM250 - 80	MP 80 RM	3/8"	250 mbar
GM400 - 80	MP 80 RM	3/8"	400 mbar
GM600 - 80	MP 80 RM	3/8"	600 mbar

GM040 - 100	MP 100 RM	1/2"	40 mbar
GM060 - 100	MP 100 RM	1/2"	60 mbar
GM100 - 100	MP 100 RM	1/2"	100 mbar
GM160 - 100	MP 100 RM	1/2"	160 mbar
GM250 - 100	MP 100 RM	1/2"	250 mbar
GM400 - 100	MP 100 RM	1/2"	400 mbar
GM600 - 100	MP 100 RM	1/2"	600 mbar

DIMENSIONS (mm) and WEIGHT (gr)							
MOD	D	G	q	a	b	h	PESO/WEIGHT
MP 63 RM	63	R1/4"	14x14	11	50	31	165
MP 80 RM	80	G 3/8"	17x17	12	63	32	230
MP 100 RM	100	G 1/2"	22x22	14	77	38	415

TECHNICAL FEATURES

Applications Pressure gauges for measuring low pressures (max. 600 mbar). Particularly suitable for combustible gases (methane, propane and similar) or other non-corrosive to copper and tin alloys.

Main fields of application

- domestic distribution systems and use of fuel gases
- tests to verify pressure supply and gas usage
- industrial and technical equipment

Normative References

- EN 837-3
- 1.6 precision class
- CE 1997-23 directive (PED)
- degree of protection IP31 according to EN 60529

Operating limits

Temperatures On the body of the pressure gauge -40 ÷ +70 °C
Of pressurized fluid max 70 °C

Pressure Up to 3/4 of the full scale value for static pressures
Up to 2/3 of the full scale value for fluctuating pressure
Up to the full scale value for short periods

Fluids Liquid or gaseous non-corrosive to copper alloys, not highly viscous, not crystallising. Gauges not suitable for oxygen

Construction features

- grey oven-painted steel case
- crystal clear methacrylate window
- prepainted aluminium white dial
- black graphics
- aluminium indicator
- brass coupling
- sensitive system: membrane in beryllium copper and brass alloy clockwork mechanism (OT59)

ACCESSORIES

PRESSURE GAUGE HOLDER VALVES WITH STUFFING BOX

Their purpose is to isolate the pressure gauge from the rest of the system, whenever it is not necessary to check the pressure. The model with flange is also required when the pressure gauge is installed in systems, boilers or other equipment subject to control based on I.S.P.E.S.L. standards. Maximum permissible pressure: 10 bar



COD.	FITTING	MOD.
GH008 - NF	G 1/4"	without flange
GH010 - NF	G 3/8"	without flange
GH015 - NF	G 1/2"	without flange
GH008 - WF	G 1/4"	with flange
GH010 - WF	G 3/8"	with flange
GH015 - WF	G 1/2"	with flange

PRESSURE GAUGE HOLDER VALVES WITH MALE THROUGH BOLT

Their purpose is to isolate the pressure gauge from the rest of the system, whenever it is not necessary to check the pressure. Maximum permissible pressure: 3 bar



COD.	FITTING	MOD.
GH008 - MB	G 1/4"	without flange
GH010 - MB	G 3/8"	without flange
GH015 - MB	G 1/2"	without flange

PRESSURE GAUGE HOLDER VALVE WITH PUSHBUTTON FOR GAS

They protect the capsule pressure gauges, keeping them isolated from the system. To read the pressure gauge, press the valve button.



COD.	FITTING
GH008	G 1/4"
GH010	G 3/8"
GH015	G 1/2"

PRESSURE GAUGE COILS

In boilers and installations operating at high temperatures, they cool the fluid before it flows into the pressure gauge. Maximum permissible pressure: 25 bar for nickel-plated version (PN 25), 100 bar for the stainless steel version (PN 100).



COD.	FITTING	MOD.
GC008	G 1/4"	nickel-plated
GC010	G 3/8"	nickel-plated
GC015	G 1/2"	nickel-plated
GC015-SS	G 1/2"	stainless steel

Central Unit for 1 Remote Sensor

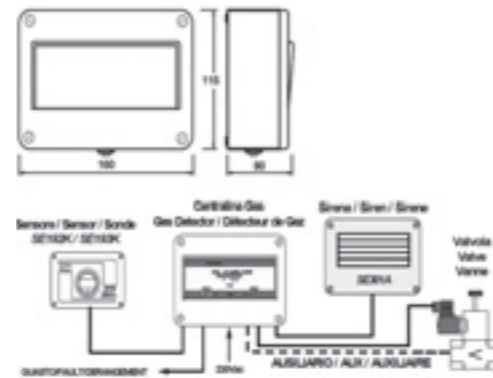


SE128K

Central realized with microprocessor technology and printed circuits are SMD assembled. External gas sensor to be installed in the conform place to detect gas.

- Display by the LED bar placed at the front of the device
- N° 3 relays for alarm and fault
- TEST function
- RESET function
- N° 1 AUX input for electrovalves with magnetic sensor

Type	Sensors	Output	Capacity	Sensors
SE128K	Methane LPG	N° 3 relays	230Vac 3A SPDT	SE 192KM SE 192KG SE 193KM SE 193KG



CE IP54

Power supply: 230Vac 50-60Hz

Installation: Wall

Absorption: 3,5VA

Alarm level: 10% LEL - 20% LEL - Measuring range: 0÷20% LEL

To be connected to a remote sensor

A led bar indicate the reached gas concentration

N° 3 safety positive relay with alarm memory

Gas detector - IP44

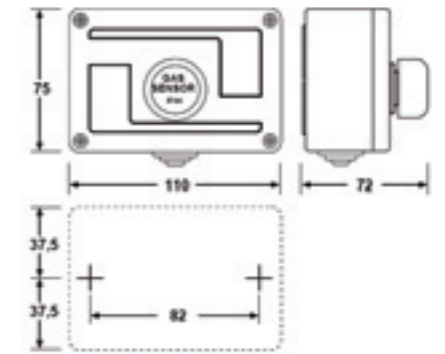


SE192K

Catalytic sensor to detect methane or LPG.

In spite of its low price, this sensor stands out because of its high reliability and such a rating that makes it perfectly fit to be installed in heating plants and a number of industrial appliances.

Type	Detected gas	Cylinder calibration	Average time	Sensors
SE192KM SE192KG	Methane LPG	B0200	5 years	5 years



CE IP44

Power supply: 12Vdc

Absorption: 1W

Output: 4÷20 mA - Measuring range: 0÷20% LEL

Sensor: Catalytic

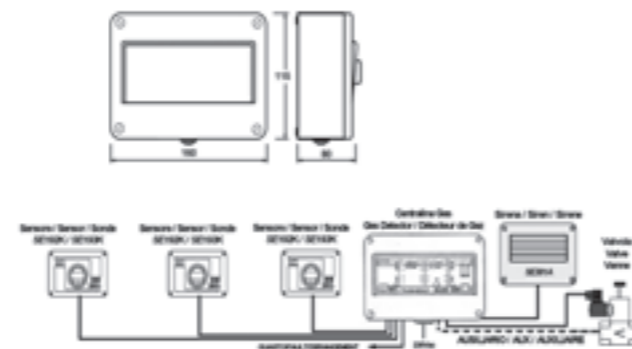
Central Unit for 3 Remote Sensors



SE194K

The central panels are equipped with three led bars that indicate the reached gas concentration. The green led indicates fresh air, the first and second red leds indicate pollution and the third and fourth red leds indicate the switching on of the alarm relay. The yellow led indicate an anomaly of the system and it operate on the fault relay.

Type	Sensors	Output	Capacity	Sensors
SE194K	Methane LPG	N° 3 relays 230V 3A SPDT	230Vac 3A SPDT	SE 192KM SE 192KG SE 193KM SE 193KG



CE IP54

Power supply: 230Vac 50-60Hz 12Vcc - Installation: Wall

Absorption: 10 VA

Alarm level: 10% LIE - 20% LEL - Measuring range: 0÷20% LEL

N° 3 safety positive relay with alarm memory for all sensors

A led bar indicate the reached gas concentration;1 for each sensor

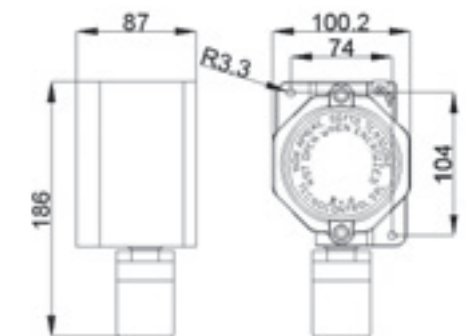
Gas Detector - ATEX



SE193K

The article SE 193K only differs for its explosion-proof case certified by ATEX, which makes it fit for industrial installations where the area classification requires this type of cases. It can be equipped with an (optional) explosion-proof joint Art.-Nr. ZT163 required for the connection to the cable raceway. Such connection is made easier by coupling terminals. Type of protection: II 2G Ex d IIC T6 - Certificazione CESI 03 ATEX 323

Type	Detected gas	Cylinder calibration	Average time	Sensors
SE193KM SE193KG	Methane LPG	B0200	5 years	5 years



CE EXPLOSION PROOF

Power supply: 12Vdc

Absorption: 1W

Output: 4÷20 mA - Measuring range: 0÷20% LEL

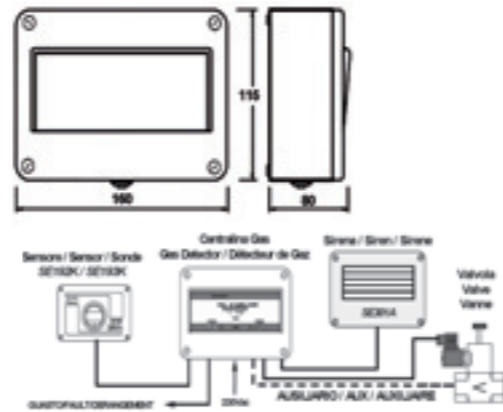
Sensor: Catalytic

Siren



SE301A

Piezoelectric modulated siren with flashing red light indication.



CE IP43

Power supply: 230Vca 50-60Hz - 12Vdc

Absorption: 9VA - 230V / 6W - 12Vdc

Sound intensity: 115db

Installation: Wall

On request: SE301/24 with power supply 24Vdc

Safety gas kit



Standard certified
CEI EN 50194



Gas leak detector



Solenoid valve
230Vca Normally Open



Gas Kit - Gas detector + Gas solenoid valves -

Auxiliary power supply



PS

It consists of a power supply unit with a continuous on-charge battery which activates only in case of a current failure.

Type	Size	Current	Pb battery
PS 175	285x220x95	1.2 A	7 Ah
PS 180	285x220x95	2.5 A	7 Ah
PS 185	455x260x220	6 A	18 Ah

CE IP40

Power supply: 230Vac 50-60Hz

Standard battery Pb: 12Vdc, 7,2Ah

Housing: Metallic

Installation: Wall



Standard certified
CEI EN 50194



BETA gas leak detector
replaceable sensor



Solenoid valve
230Vca Normally Open



Gas Kit - Gas detector + Gas solenoid valves - Beta has replaceable sensor

Measurement Instruments

» Measurement instrument for proper installation and maintenance of gas appliances

Measurement Instruments

MANOMETER FOR TEST GAS PIPELINES
PORTABLE GAS LEAK DETECTORS

p. 172

Manometer for test gas pipelines



MA202PT

The system performs pressure measurements, a direct tightness test and a leak rate test. The MA402PT provides several methods for you to test pipelines and gas trains that are filled with gas or air. The MA402PT standard leak procedure is particularly quick and easy for the user. There is no need to disassemble a gas meter or gas train. The MA402PT uses the changes in pressure measured with and without the standard leak to determine the leakage rate and volume in the gas line in just 10 to 15 minutes! The serviceability check (gas safety check) meets the technical conditions of the new UNI 11137:2012. The leak test is fully automatic. In addition, the gas line to be tested is connected to the MA402PT via just one pressure measurement hose. The pressure in the gas line to be tested is automatically increased to 150 mbar by the measurement system. The stabilization and measurement times correspond to UNI 11137:2012.

CALCULATED VALUES

- Differential pressure
- Compensation in environment
- Calculation of plant piping volume
- Calculation of flow rate of dispersed air
- Calculation of flow rate of dispersed gas

SOFTWARE DATA

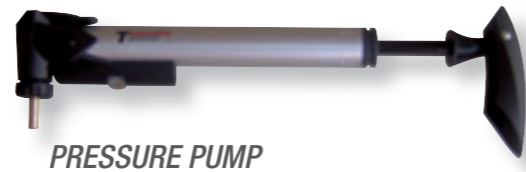
- Automatic zero calibration after switching on
- Free programming of all parameters by operator

EQUIPMENT

- Gate RS 232 for communication to PC
- Power feed by lithium batteries rechargeable from network
- Internal calendar and clock
- 25 measure reports tat can be stored
- Lithium batteries rechargeable

PRINCIPAL PERFORMANCES

- It reads the "maximum drop-out"
- Conversion into the different measure units (hPa, mmH₂O, mmBar, Psi) possible
- Measuring of differential pressures
- Measuring of room humidity by probe (optional S0390)
- Displaying of testing time
- Temperature compensation in environment
- Storing of reports which can be personalised with users' data
- Operating range: 50h



PRESSURE PUMP



PRINTER



SEAL CONES

Complying with Standard UNI 11137:2012 / ± 15.000 Pa			
REAL VALUES	RANGE	RESOLUTION	MAXIMUM ERROR
Differential pressure	± 15.000 Pa	1 Pa	± 1 Pa or 3% reading
Chimney depression	± 15.000 Pa	1 Pa	± 1 Pa or 3% reading

PARAMETERS	RANGES	MEASURE PRINCIPLE
Pressure	± 15.000 Pa	DMS bridge
T° air	-15...100 °C	Semiconductor
Humidity	0...100%	Capacitive
Differential	0...100%	Calculated
Volume	0...100%	Calculated

It the plant proves to require maintenance or shutdown, then leak needs be searched, repaired and the plant tested again conforming to the Standard 7129-1.

PARAMETERS TO USE FOR THE CLASSIFICATION OF GAS PLANTS

Gas Family	Plant is compliance with standards	Safe plant but maintenance required withing30 day	Plant shutdown
I - II	Q ≤1 dm ³ /h	1<Q≤5 dm ³ /h	Q>5 dm ³ /h
III	Q ≤0,4 dm ³ /h	0,4<Q≤2 dm ³ /h	Q>2 dm ³ /h

Portable gas leak detectors



SE 151NM

The SE151NM is an ideal instrument for seek combustible gas leaks in a number of residential, commercial and industrial applications, including gas pipeline and valve, regulator and gas meter inspection. It uses a long-life (5 years) sensor and is easy to operate. The SE151NM has a long, flexible neck for detecting leaks in hard-to-reach areas. Only Audible alarm if limit value is exceeded.



- Sensibility: 20 ppm
- Power supply: 4 x 1.5V (battery enclosed)
- Operation range: 8hours
- Automatic switching off: 10min
- Case: 220x160x40mm



SE 153NM

The SE151NM is an ideal instrument for seek combustible gas leaks in a number of residential, commercial and industrial applications, including gas pipeline and valve, regulator and gas meter inspection. It uses a long-life (5 years) sensor and is easy to operate. The SE151NM has a long, flexible neck for detecting leaks in hard-to-reach areas, with bar LED display to show relative leak sizes and a manual balance feature for finding leaks in backgrounds where target gas is present. Display LED & Audible alarm if limit value is exceeded.



- Sensibility: 20 ppm
- Power supply: Rechargeable batteries Ni-MH
- Operation range: 5hours
- Recharge time: 14hours
- Automatic switching off: 10min
- Case: 280x120x90mm



Our policy of continuous product improvement, the features and data shown are subject to change without notice. The images of the products and accessories are only indicative. Graphic colors of the products may differ from reality.

9584015

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