

Gas Governors

» Spring-loaded governors, are designed and built according 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

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GAS GOVERNOR ½", ¾", 1" – 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
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

TECHNICAL FEATURES

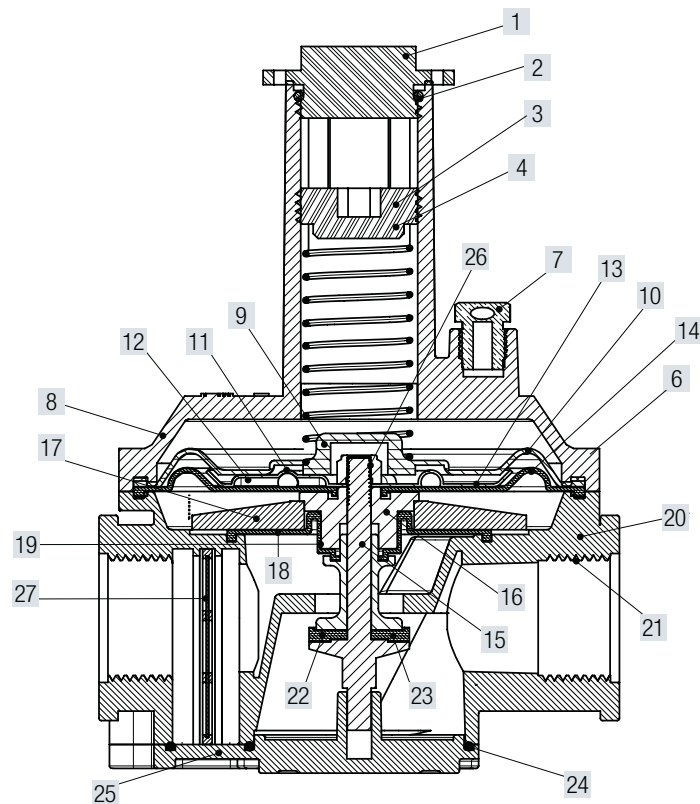
Pmax	inlet max – 500 mbar
Setting outlet	5 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Plastic cartridge
Inlet - Outlet Connection	Thread gas ½", ¾", 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-1:2011 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu – EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	Yellow POM / Pa 66 + 25% Gf

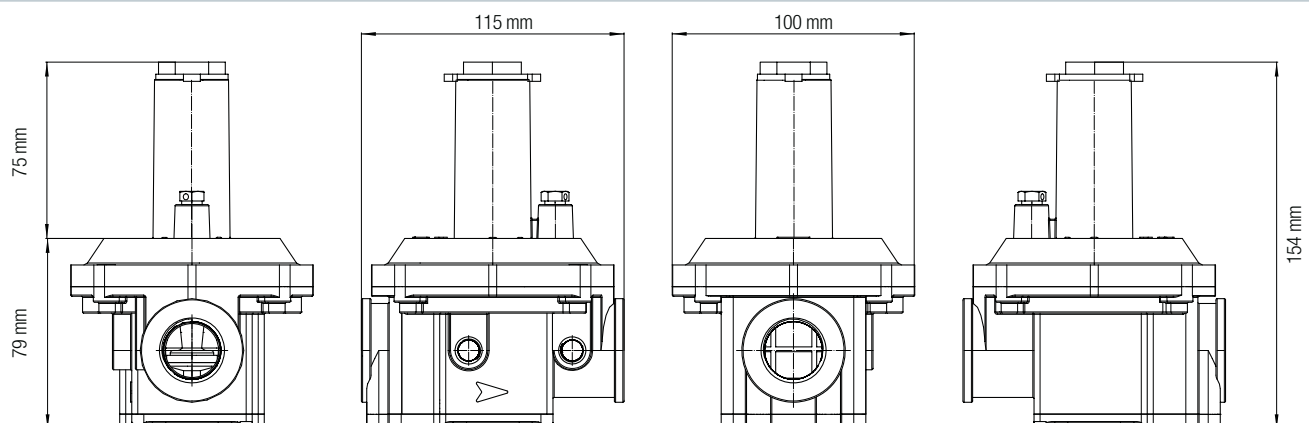
Code: Color Range mbar

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
SPG1-5	Green	120 - 300 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 ½", ¾", 1" - High Capacity - Pmax 500 mbar



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

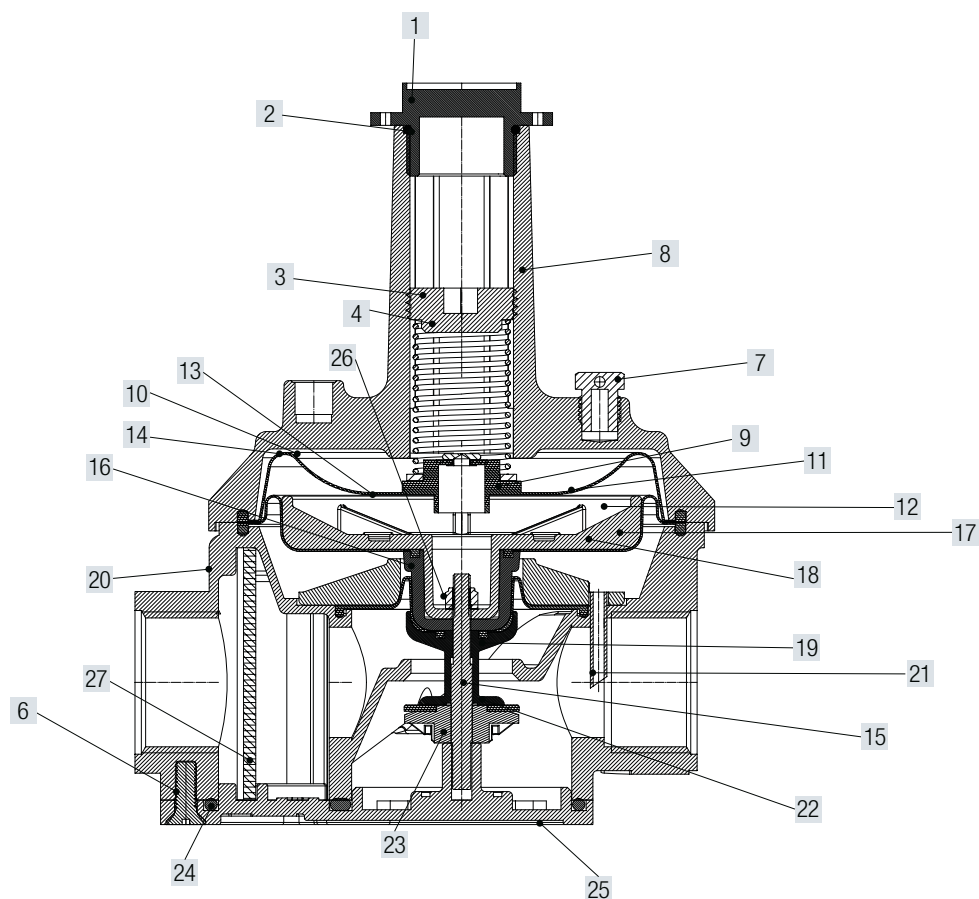
TECHNICAL FEATURES

Pmax	inlet max – 500 mbar
Setting outlet	5 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm
Inlet - Outlet Connection	Thread gas ½", ¾", 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 / PED / EAC

Materials:

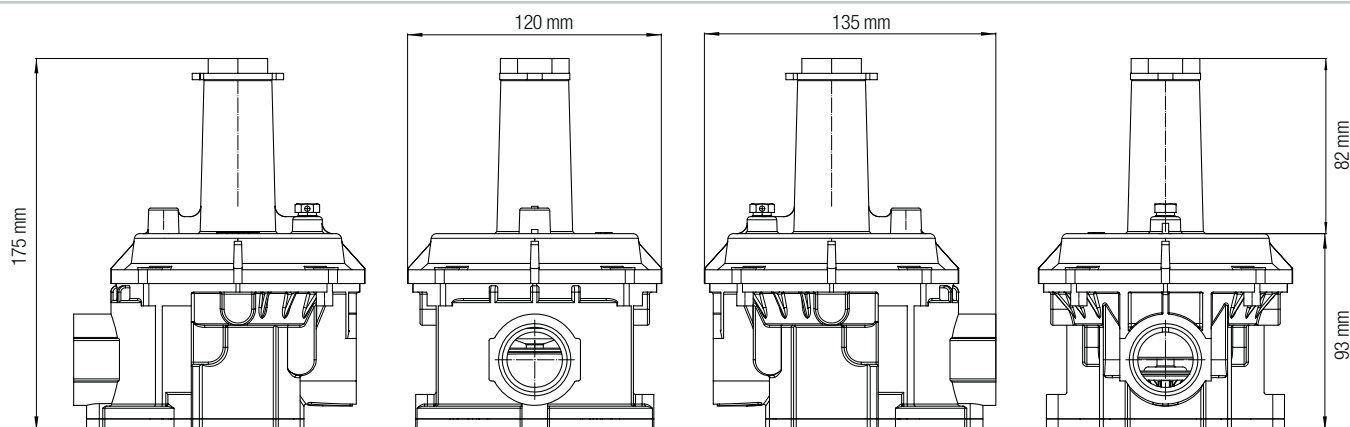
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu – EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	Yellow POM / Pa 66 + 25% Gf

Code:	Color	Range mbar
SPW1-5HC	White	5 - 14 mbar
SPY1-5HC	Yellow	6 - 22 mbar
SPN1-5HC	Neutral	10 - 27 mbar
SPR1-5HC	Red	28 - 70 mbar
SPBK1-5HC	Black	60 - 130 mbar
SPB1-5HC	Blue	120 - 300 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)	0,980	0,955	0,915

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	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

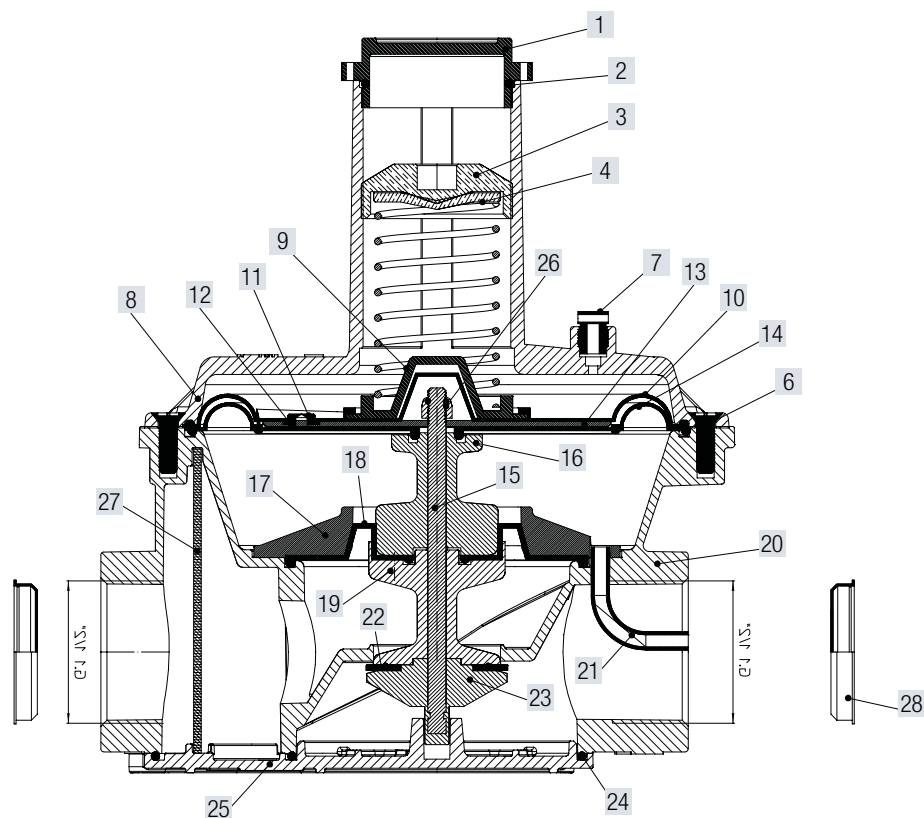
TECHNICAL FEATURES

Pmax	inlet max – 500 mbar
Setting outlet	5 – 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" 1½" - 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 / PED / EAC

Materials:

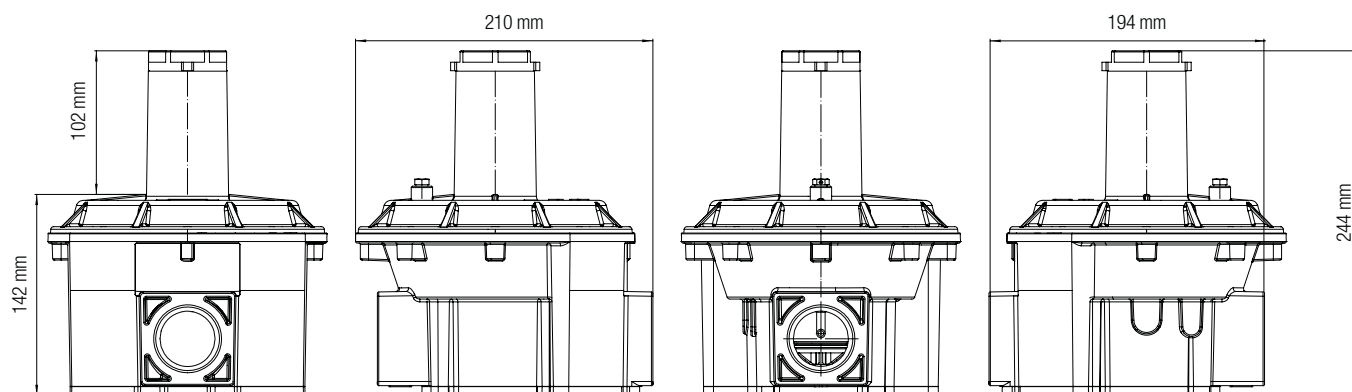
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

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
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
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

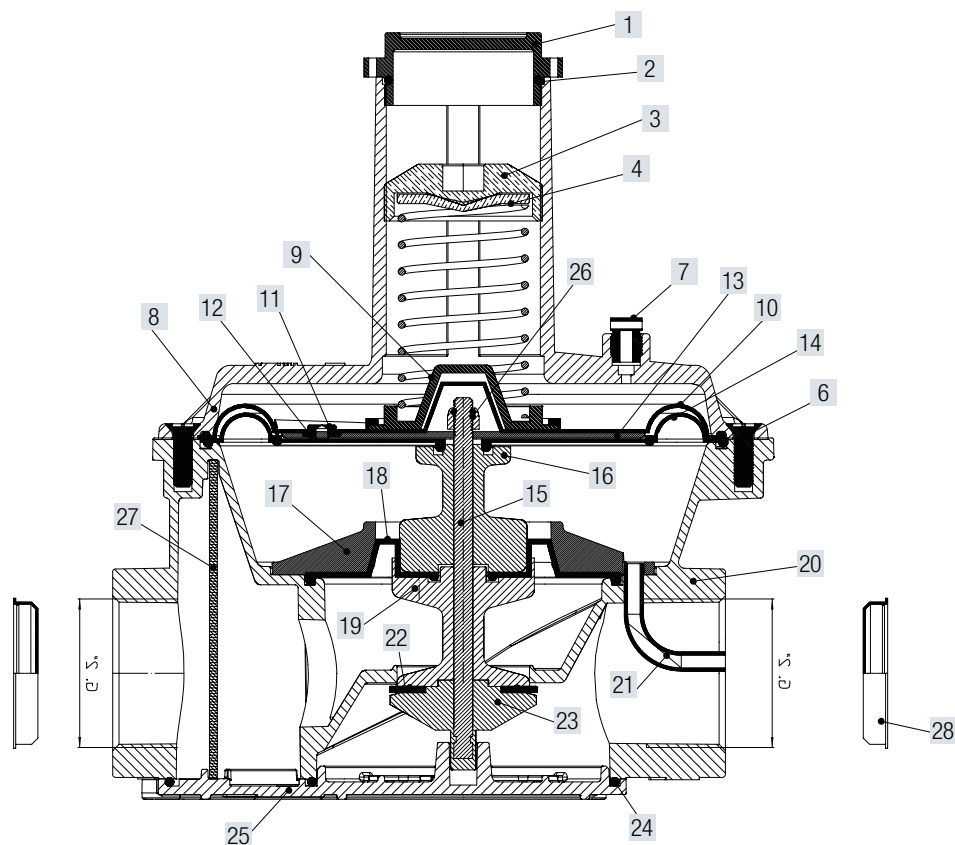
TECHNICAL FEATURES

Pmax	inlet max – 500 mbar
Setting outlet	5 – 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 / PED / EAC

Materials:

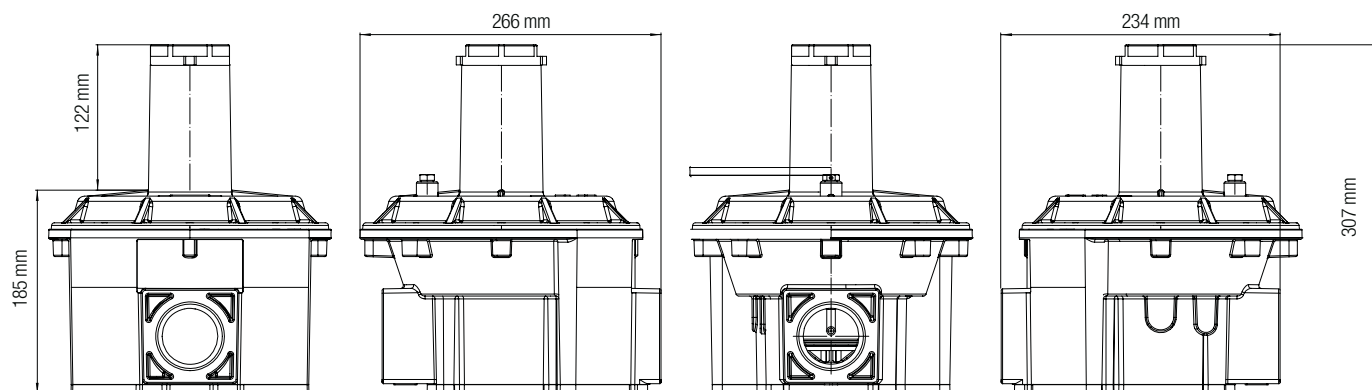
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

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
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
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

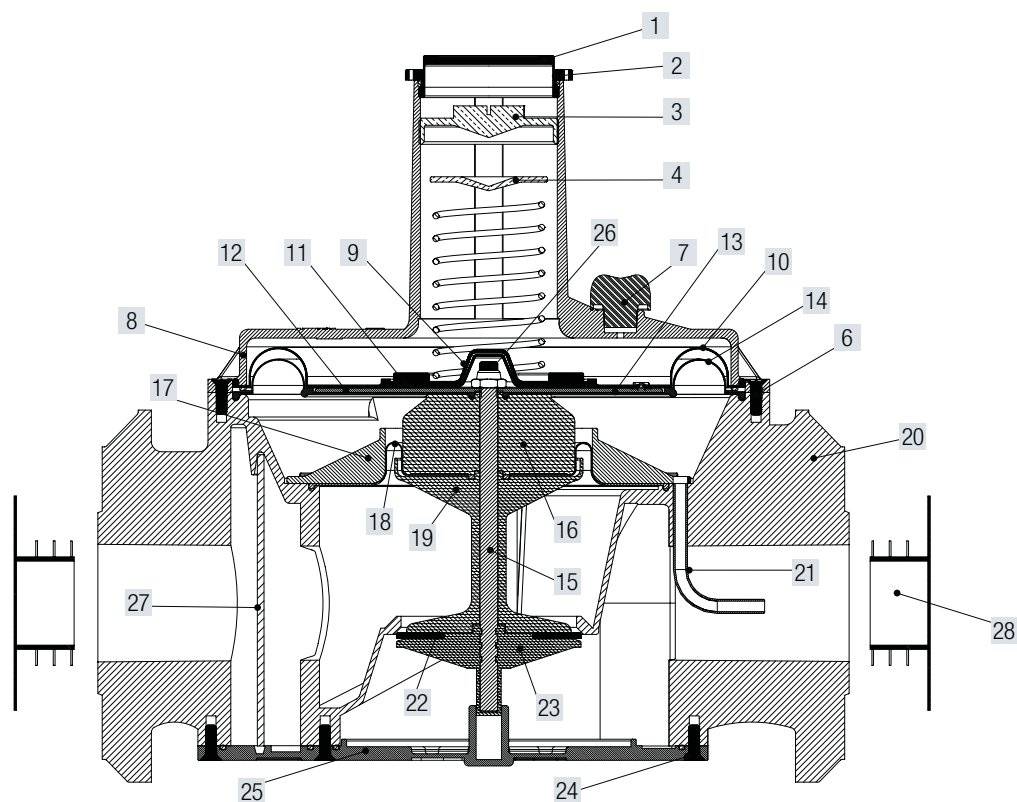
Pmax	inlet max – 500 mbar
Setting outlet	5 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Flanged connection DN65 DN80 - DN100 - PN16
Test point	Inlet / outlet on request – Test point 1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu – EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

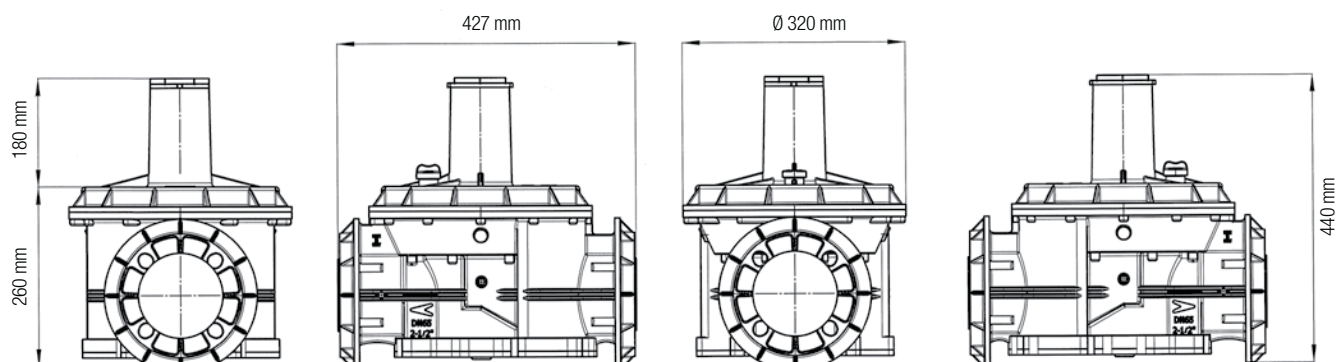
Spring Range:

	Color	Range mbar
SPW4-5	White	5 - 14 mbar
SPW4-5	Yellow	6 - 22 mbar
SPW4-5	Neutral	10 - 27 mbar
SPR4-5	Red	28 - 70 mbar
SPBK4-5	Black	60 - 130 mbar
SPB4-5	Blue	120 - 300 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
28	Screw cover



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

Gas Governors Pmax 1 bar

Gas Governors Pmax 1 bar

GAS GOVERNOR P_{MAX} 1 BAR

GAS GOVERNOR ½", ¾" and 1" – P _{max} 1 bar	p. 28
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Gas Governor ½", ¾" and 1" High Capacity - P _{max} 1 bar	p. 30
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GAS GOVERNOR 1 ¼", 1 ½" – P _{max} 1 bar	p. 32
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GAS GOVERNOR 2" – P _{max} 1 bar	p. 34
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GAS GOVERNOR DN65, DN80, DN100 - P _{max} 1 bar	p. 36
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GAS GOVERNOR ½", ¾" and 1" – 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
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
RGD25-1B-TPIO	Gas Governor with test point in/out	DN25	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
RGD25-FT-1B-TPIO	Gas Governor with filter and test point in/out	DN25	1 bar

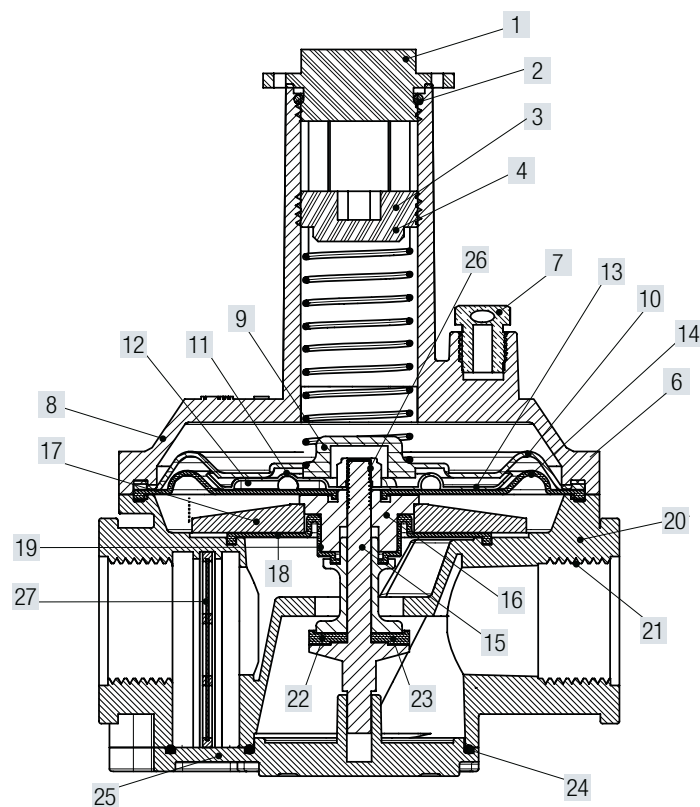
TECHNICAL FEATURES

Pmax	inlet max – 1 bar
Setting outlet	6 – 480 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm –
Inlet - Outlet Connection	Thread gas ½", ¾" 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 / PED / EAC

Materials:

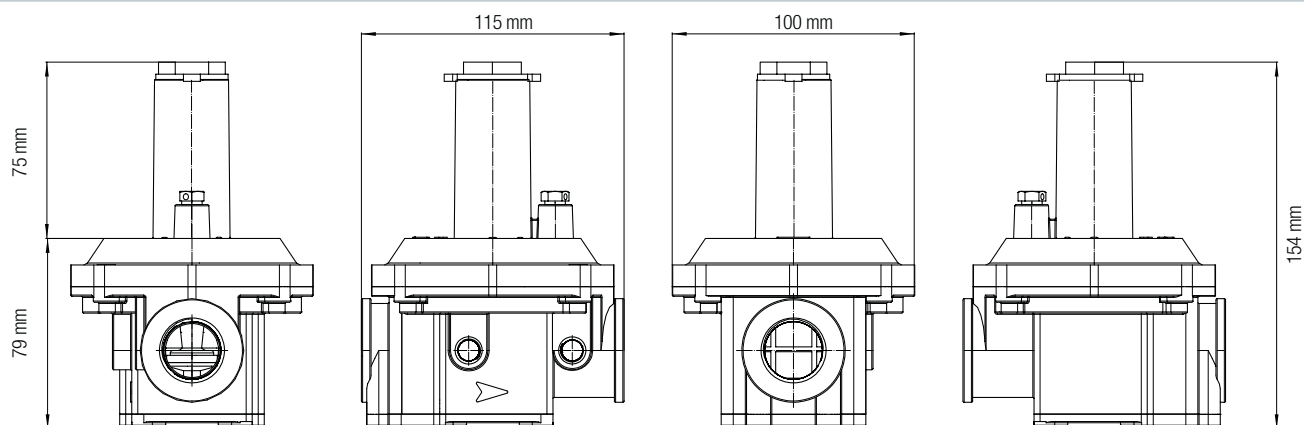
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	Yellow POM / Pa 66 + 25% Gf

Code:	Color	Range mbar
SPY1-12	Yellow	6 - 22 mbar
SPN1-12	Neutral	10 - 27 mbar
SPR1-12	Red	28 - 70 mbar
SPG1 -12	Green	70 - 280 mbar
SPBR1-12	Brown	220- 480 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 ½", ¾" and 1" - High Capacity - Pmax 1 bar



Code	Description	Dimension	Pmax
RG015-HC-1B	Gas Governor	½"	1 bar
RG020-HC-1B	Gas Governor	¾"	1 bar
RG025-HC-1B	Gas Governor	1"	1 bar
RGD25-HC-1B	Gas Governor	DN25	1 bar
RG015-HC-FT-1B	Gas Governor with filter	½"	1 bar
RG020-HC-FT-1B	Gas Governor with filter	¾"	1 bar
RG025-HC-FT-1B	Gas Governor with filter	1"	1 bar
RGD25-HC-FT-1B	Gas Governor with filter	DN25	1 bar
RG015-HC-1B-TPIO	Gas Governor with test point in/out	½"	1 bar
RG020-HC-1B-TPIO	Gas Governor with test point in/out	¾"	1 bar
RG025-HC-1B-TPIO	Gas Governor with test point in/out	1"	1 bar
RGD25-HC-1B-TPIO	Gas Governor with test point in/out	DN25	1 bar
RG015-HC-FT-1B-TPIO	Gas Governor with filter and test point in/out	½"	1 bar
RG020-HC-FT-1B-TPIO	Gas Governor with filter and test point in/out	¾"	1 bar
RG025-HC-FT-1B-TPIO	Gas Governor with filter and test point in/out	1"	1 bar
RGD25-HC-FT-1B-TPIO	Gas Governor with filter and test point in/out	DN25	1 bar

TECHNICAL FEATURES

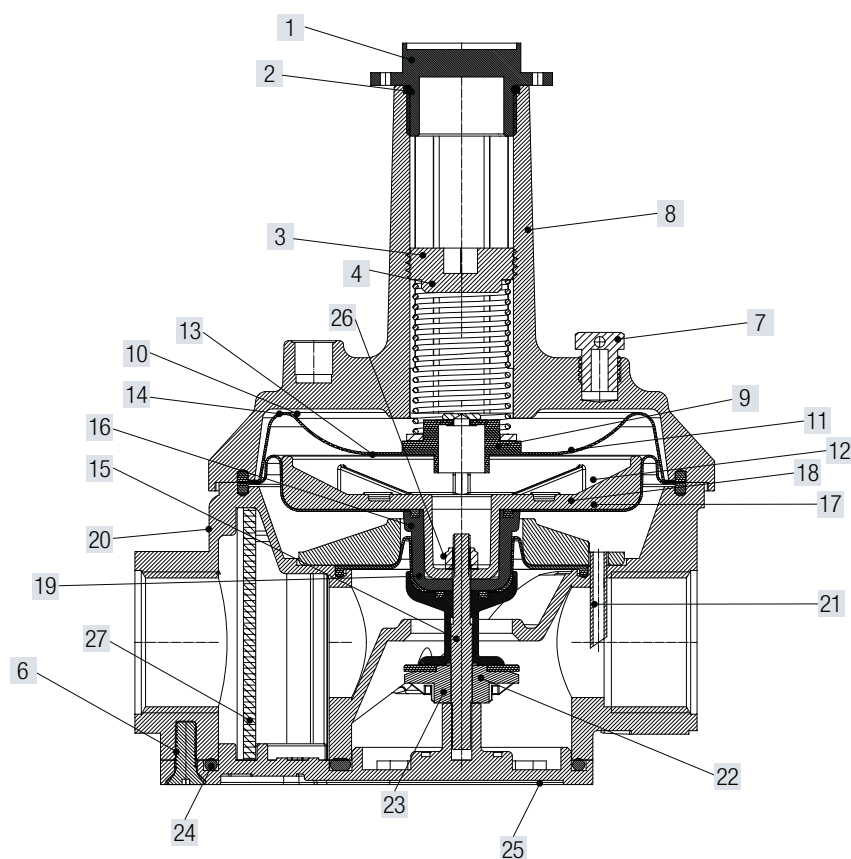
Pmax	inlet max – 1 bar
Setting outlet	6 – 480 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm –
Inlet - Outlet Connection	Thread gas ½", ¾" 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	Yellow POM / Pa 66 + 25% Gf

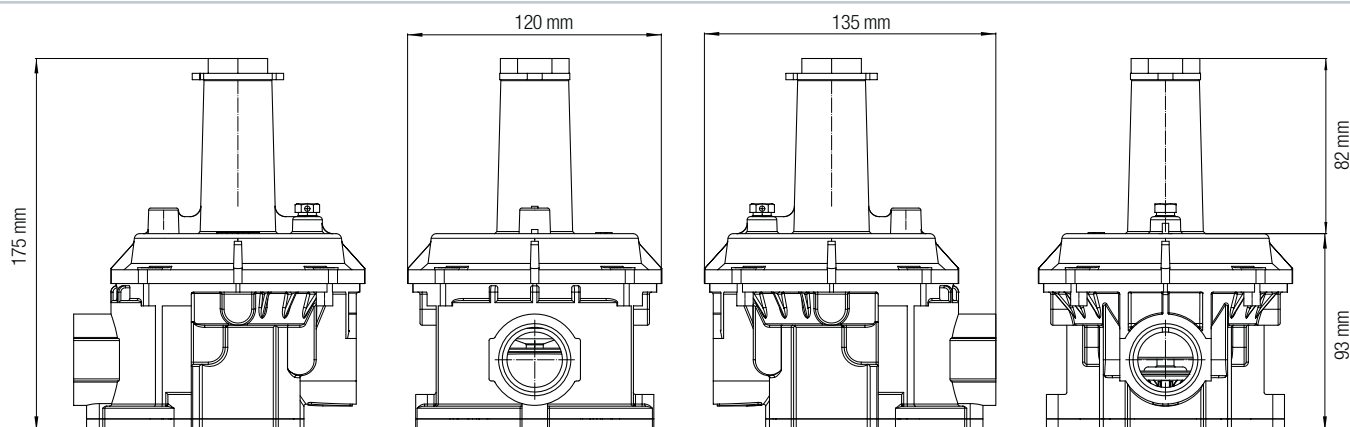
Code: Color Range mbar

SPY1-12HC	Yellow	6 - 22 mbar
SPN1-12HC	Neutral	10 - 27 mbar
SPR1-12HC	Red	28 - 70 mbar
SPG1-12HC	Green	70 - 280 mbar
SPBR1-12HC	Brown	220 - 480 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)	0,980	0,955	0,915

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

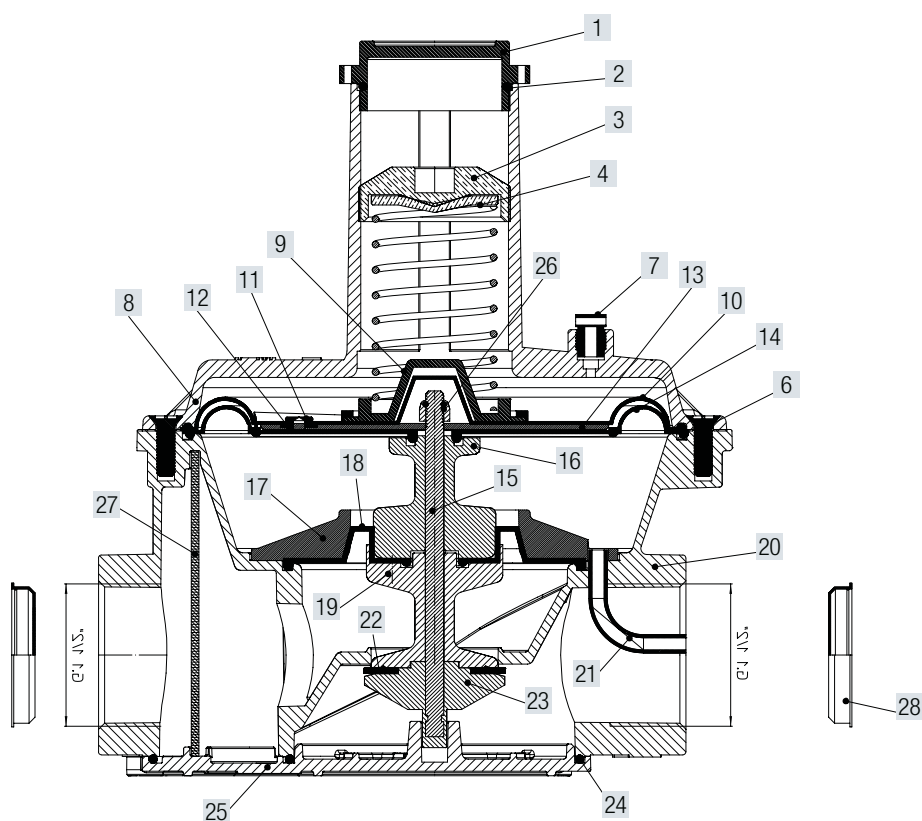
TECHNICAL FEATURES

Pmax	inlet max – 1 bar
Setting outlet	6 – 480 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" 1½" - 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 / PED / EAC

Materials:

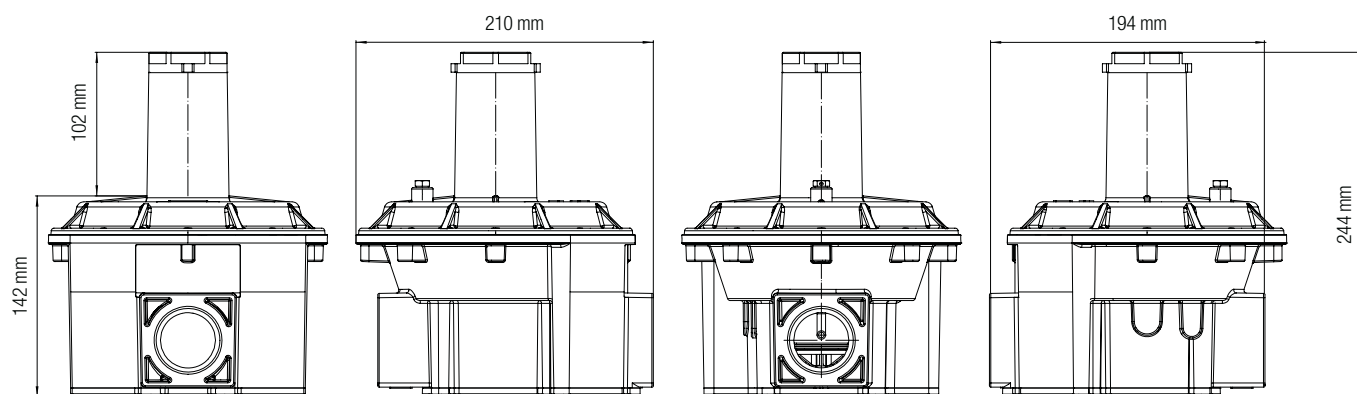
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

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
SPG2-12	Green	120 - 300 mbar
SPBR2-12	Brown	220 - 480 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
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

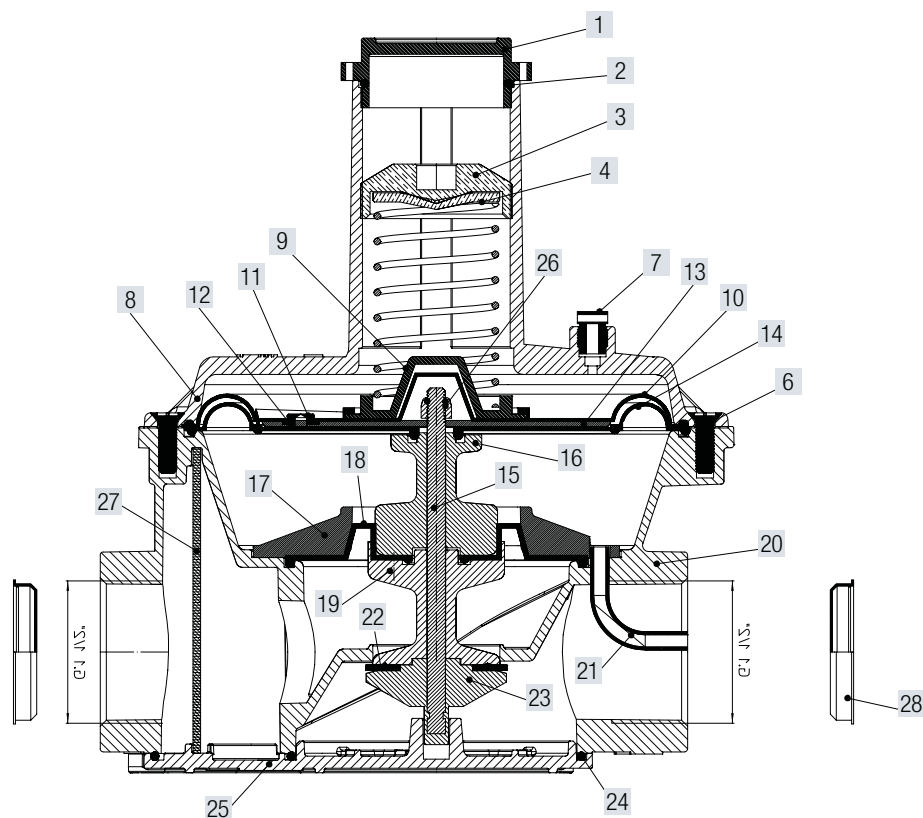
Pmax	inlet max – 1 bar
Setting outlet	6 – 480 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Thread gas 2" - ISO 228 DN50 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

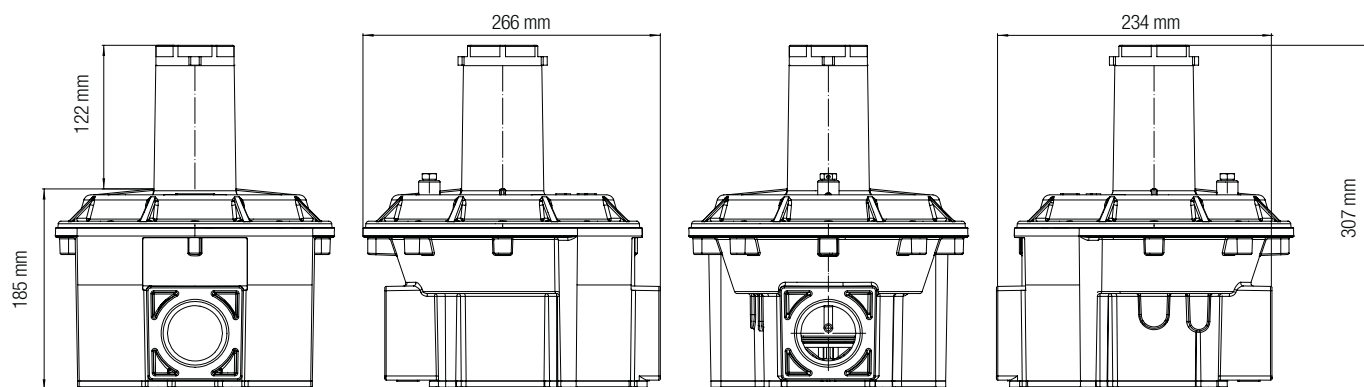
Code: Color Range mbar

SPY3-12	Yellow	6 - 22 mbar
SPN3-12	Neutral	10 - 27 mbar
SPR3-12	Red	28 - 70 mbar
SPBK3-12	Black	60 - 130 mbar
SPG3-12	Green	120 - 300 mbar
SPBR3-12	Brown	220 - 480 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
28	Screw cover



Dimension	2"
WEIGHT (kgs)	5,8

GAS GOVERNOR DN65, DN80, DN100 - Pmax 1 bar



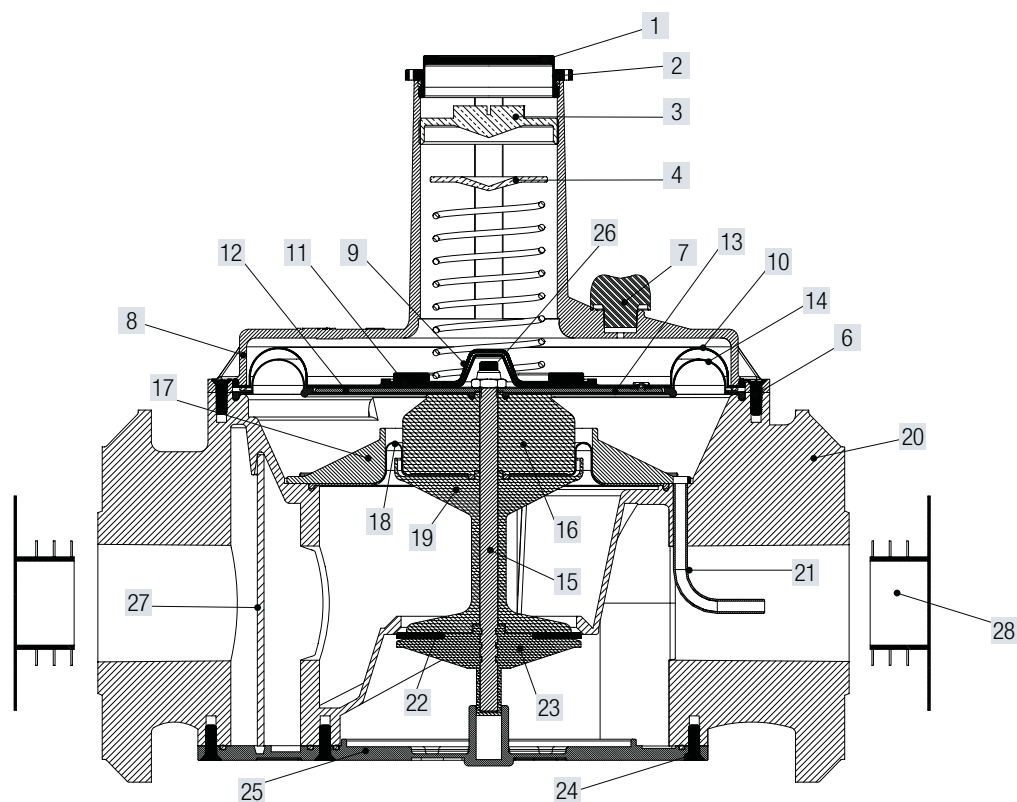
Code	Description	Dimension	Pmax
RGD65-1B	Gas Governor	DN65	1 bar
RGD80-1B	Gas Governor	DN80	1 bar
RGD100-1B	Gas Governor	DN100	1 bar
RGD65-FT-1B	Gas Governor with filter	DN65	1 bar
RGD80-FT-1B	Gas Governor with filter	DN80	1 bar
RGD100-FT-1B	Gas Governor with filter	DN100	1 bar
RGD65-1B-TPIO	Gas Governor 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	6 – 130 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 / PED / EAC
Materials:	
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549
Plastic components	White POM / Pa 66 + 25% Gf

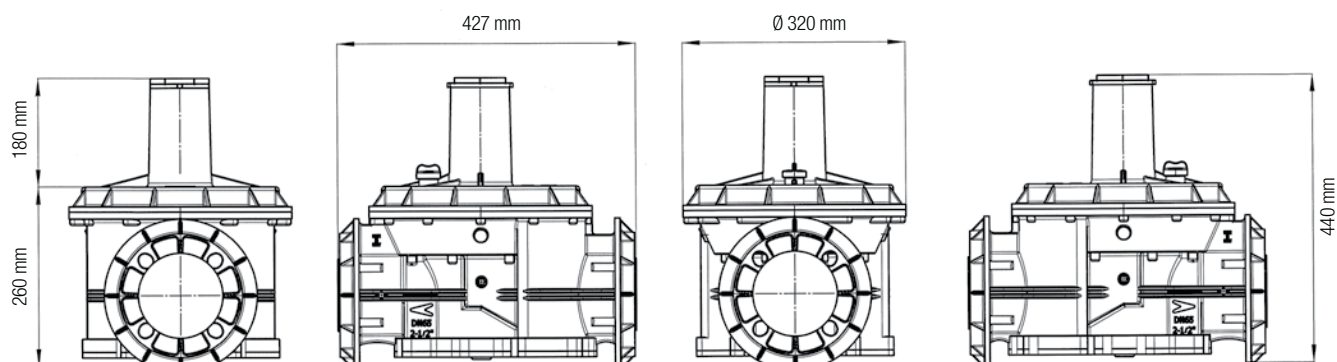
Spring Range:

	Color	Range mbar
SPY4-12	Yellow	6 - 22 mbar
SPN4-12	Neutral	10 - 27 mbar
SPR4-12	Red	28 - 70 mbar
SPBK4-12	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
28	Screw cover



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

Gas Governors Pmax 2 bar

Gas Governors Pmax 2 bar

GAS GOVERNOR 2 BAR

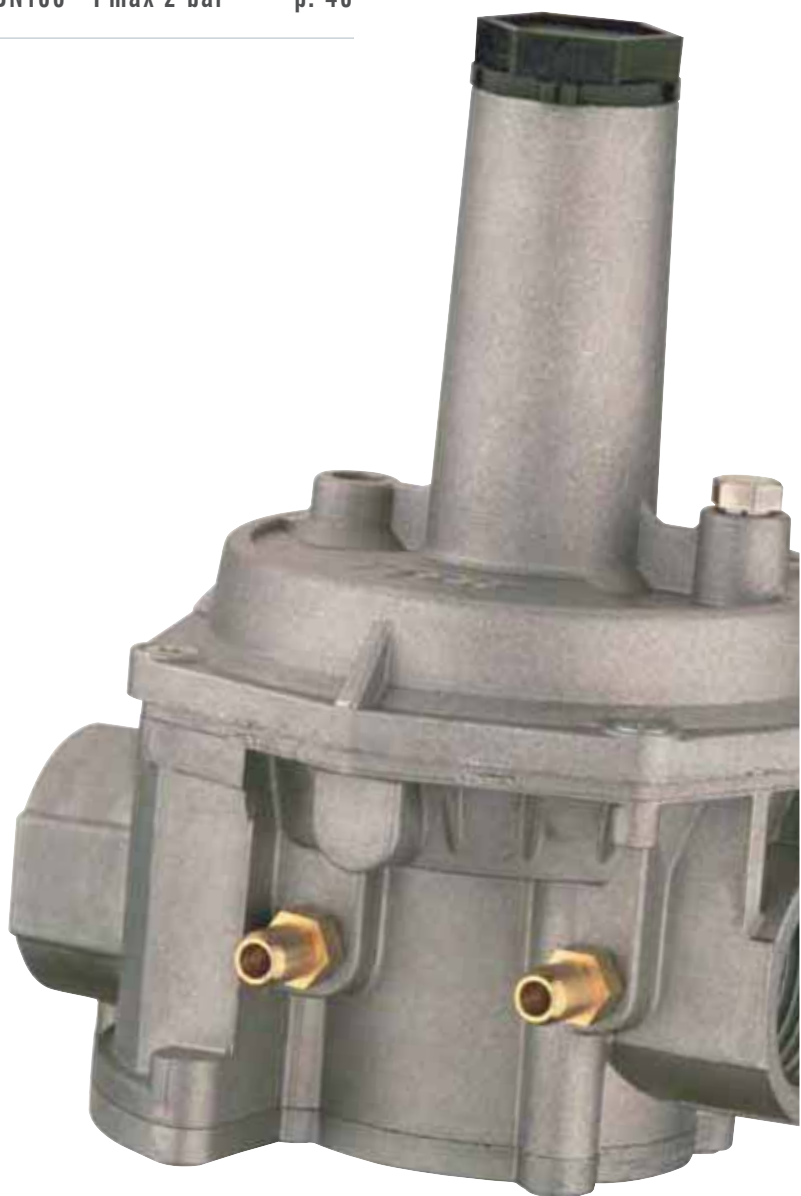
GAS GOVERNOR 1/2", 3/4" and 1" – Pmax 2 bar	p. 40
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Gas Governor 1/2", 3/4" and 1" High Capacity - Pmax 2 bar	p. 42
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GAS GOVERNOR 1 1/4", 1 1/2" – Pmax 2 bar	p. 44
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GAS GOVERNOR 2" – Pmax 2 bar	p. 46
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GAS GOVERNOR DN65, DN80, DN100 - Pmax 2 bar	p. 48
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GAS GOVERNOR ½", ¾" and 1"– 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	DN25	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

RG015-2B-TPIO	Gas Governor with test point in/out	½"	2 bar
RG020-2B-TPIO	Gas Governor with test point in/out	¾"	2 bar
RG025-2B-TPIO	Gas Governor with test point in/out	1"	2 bar
RGD25-2B-TPIO	Gas Governor with test point in/out	DN25	2 bar

RG015-FT-2B-TPIO	Gas Governor with filter and test point in/out	½"	2 bar
RG020-FT-2B-TPIO	Gas Governor with filter and test point in/out	¾"	2 bar
RG025-FT-2B-TPIO	Gas Governor with filter and test point in/out	1"	2 bar
RGD25-FT-2B-TPIO	Gas Governor with filter and test point in/out	DN25	2 bar

TECHNICAL FEATURES

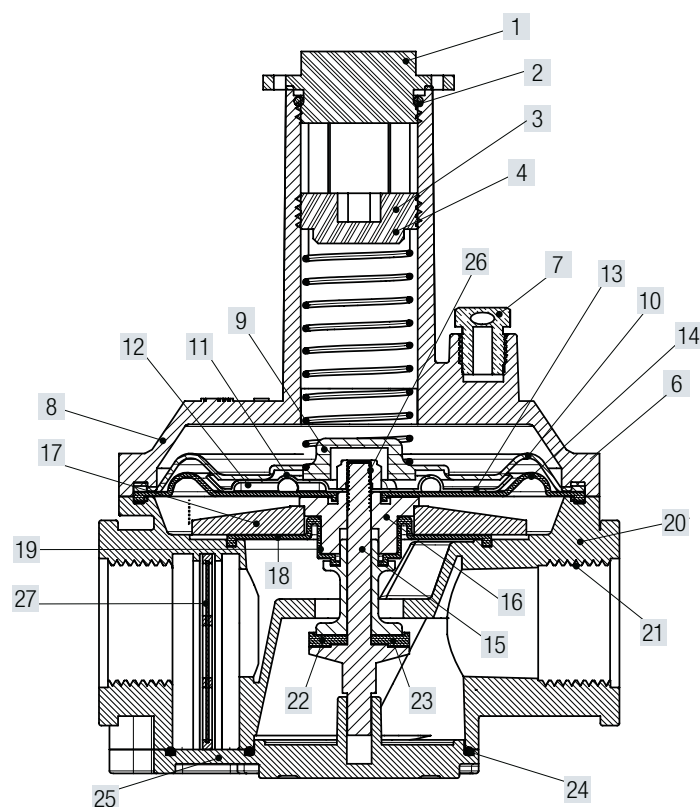
Pmax	inlet max – 2 bar
Setting outlet	6 – 480 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm –
Inlet - Outlet Connection	Thread gas ½", ¾" 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	Yellow POM / Pa 66 + 25% Gf

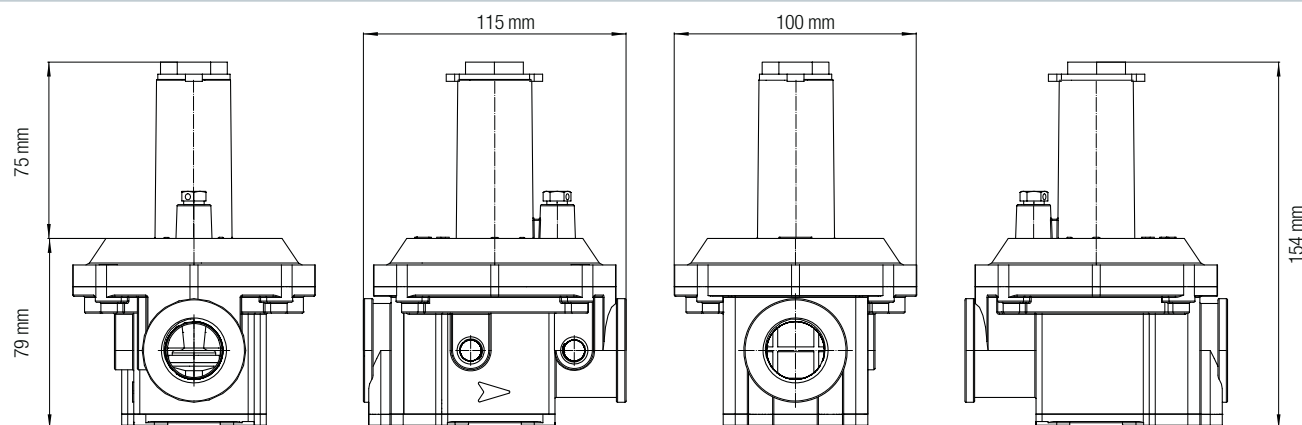
Code: Color Range mbar

SPY1-12	Yellow	6 - 22 mbar
SPN1-12	Neutral	10 - 27 mbar
SPR1-12	Red	28 - 70 mbar
SPG1 -12	Green	70 - 280 mbar
SPBR1-12	Brown	220 - 480 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 ½", ¾" and 1" - High Capacity - Pmax 2 bar



Code	Description	Dimension	Pmax
RG015-HC-2B	Gas Governor	½"	2 bar
RG020-HC-2B	Gas Governor	¾"	2 bar
RG025-HC-2B	Gas Governor	1"	2 bar
RGD25-HC-2B	Gas Governor	DN25	2 bar
RG015-HC-FT-2B	Gas Governor with filter	½"	2 bar
RG020-HC-FT-2B	Gas Governor with filter	¾"	2 bar
RG025-HC-FT-2B	Gas Governor with filter	1"	2 bar
RGD25-HC-FT-2B	Gas Governor with filter	DN25	2 bar
RG015-HC-2B-TPIO	Gas Governor with test point in/out	½"	2 bar
RG020-HC-2B-TPIO	Gas Governor with test point in/out	¾"	2 bar
RG025-HC-2B-TPIO	Gas Governor with test point in/out	1"	2 bar
RGD25-HC-2B-TPIO	Gas Governor with test point in/out	DN25	2 bar
RG015-HC-FT-2B-TPIO	Gas Governor with filter and test point in/out	½"	2 bar
RG020-HC-FT-2B-TPIO	Gas Governor with filter and test point in/out	¾"	2 bar
RG025-HC-FT-2B-TPIO	Gas Governor with filter and test point in/out	1"	2 bar
RGD25-HC-FT-2B-TPIO	Gas Governor with filter and test point in/out	DN25	2 bar

TECHNICAL FEATURES

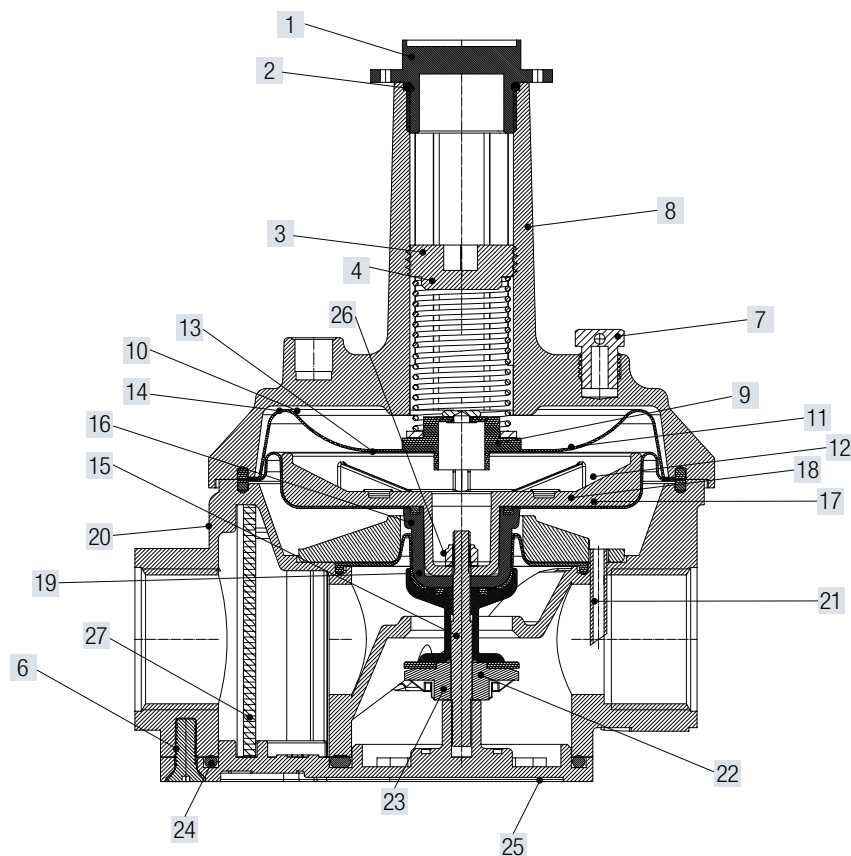
Pmax	inlet max – 2 bar
Setting outlet	6 – 480 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm –
Inlet - Outlet Connection	Thread gas ½", ¾" 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	Yellow POM / Pa 66 + 25% Gf

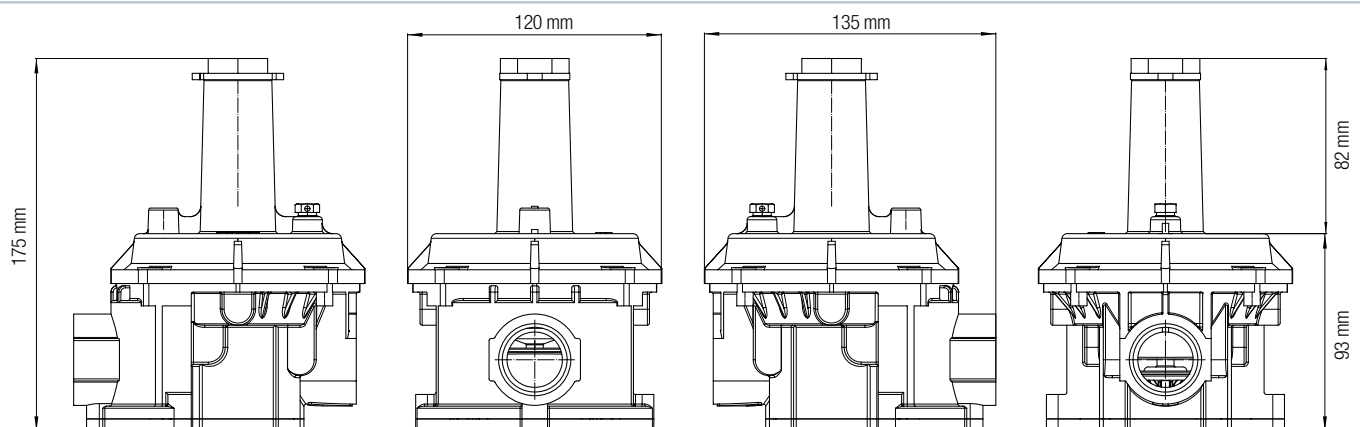
Code: Color Range mbar

SPY1-12HC	Yellow	6 - 22 mbar
SPN1-12HC	Neutral	10 - 27 mbar
SPR1-12HC	Red	28 - 70 mbar
SPG1-12HC	Green	70 - 280 mbar
SPBR2-12HC	Brown	220 - 480 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)	0,980	0,955	0,915

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

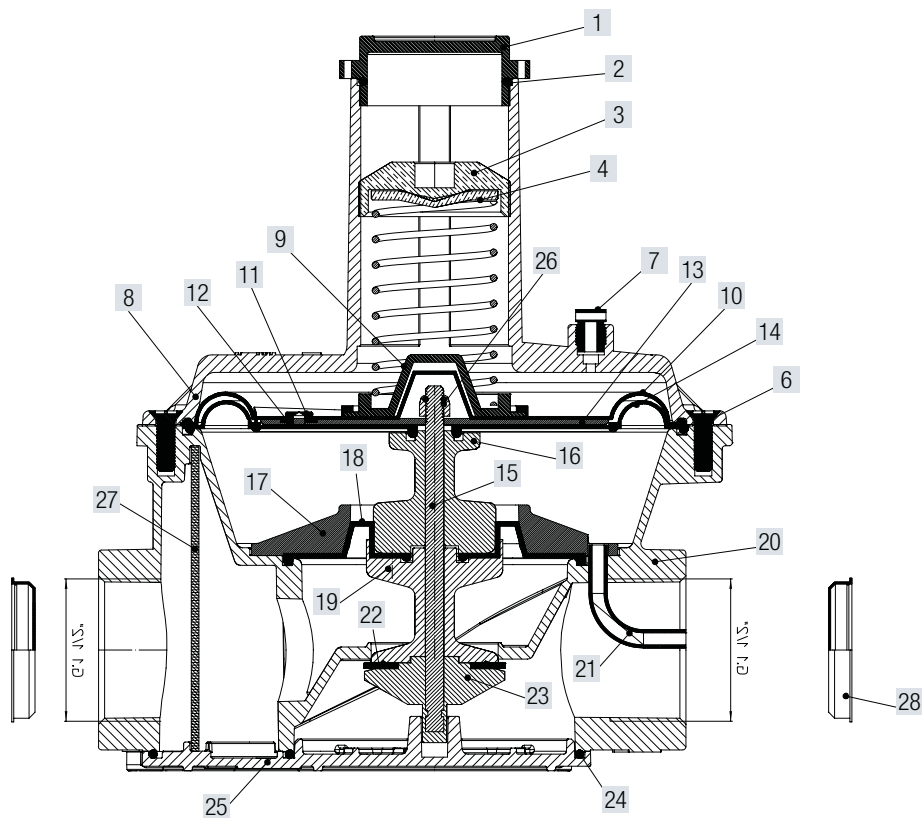
Pmax	inlet max – 2 bar
Setting outlet	6 – 480 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Thread gas 1 ¼" 1 ½" - ISO 228 DN32 DN40 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu – EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	White POM / Pa 66 + 25% Gf

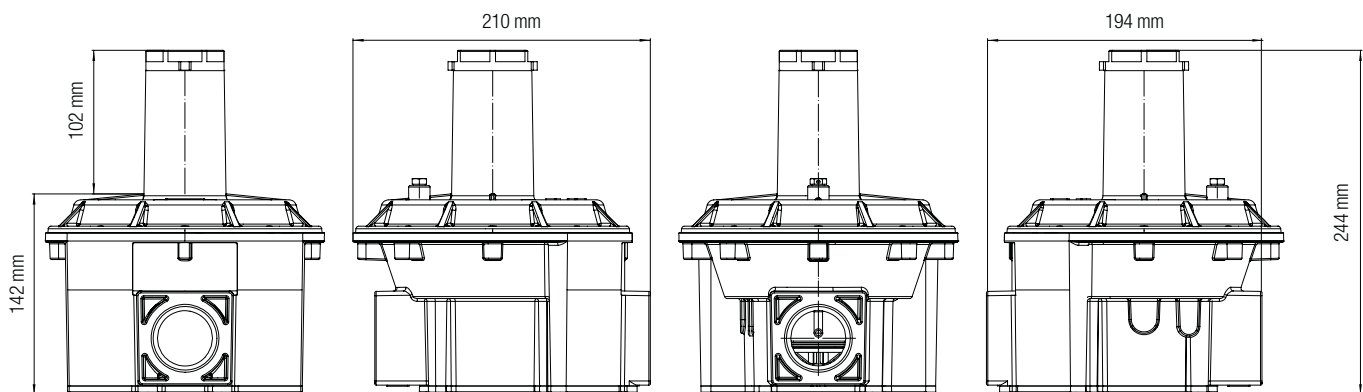
Code: Color Range mbar

SPY2-12	Yellow	6 - 22 mbar
SPN2-12	Neutral	10 - 27 mbar
SPR2-12	Red	28 - 70 mbar
SPBK2-12	Black	60 - 130 mbar
SPG2-12	Green	120 - 300 mbar
SPBR2-12	Brown	220 - 480 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
28	Screw cover



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

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

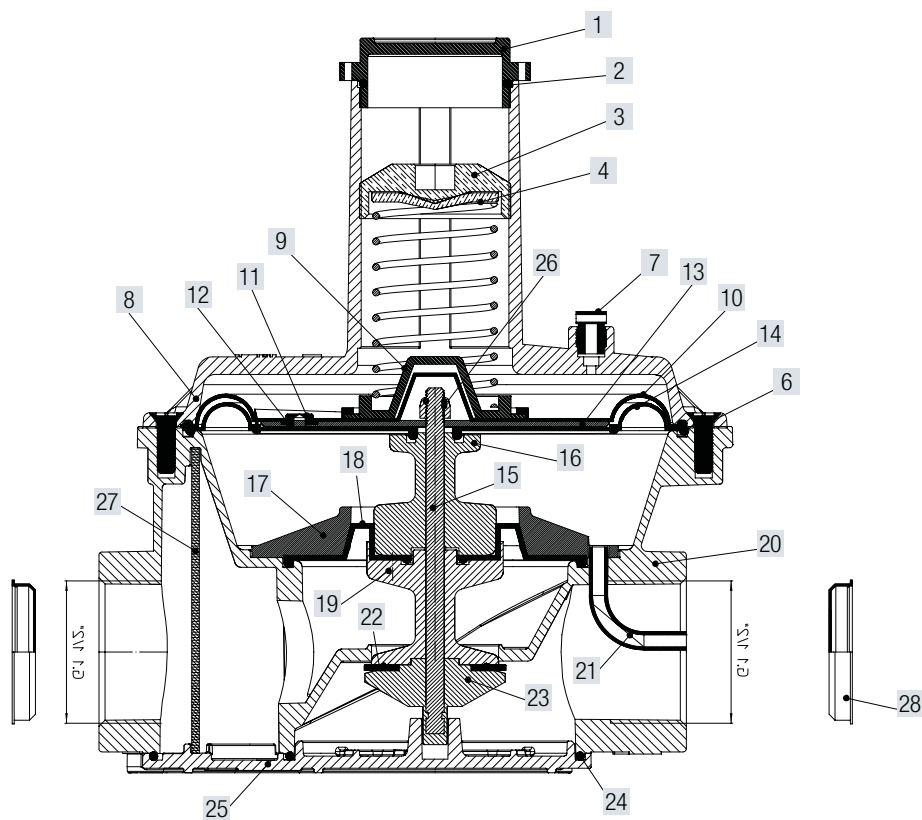
TECHNICAL FEATURES

Pmax	inlet max – 2 bar
Setting outlet	6 – 480 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 / PED / EAC

Materials:

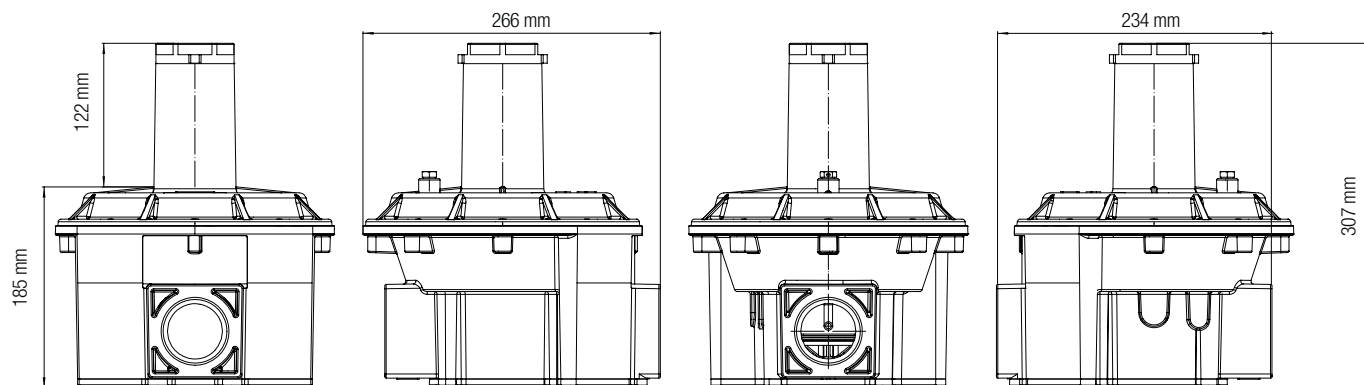
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	White POM / Pa 66 + 25% Gf

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
SPG3-12	Green	120 - 300 mbar
SPBR3-12	Brown	220 - 480 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
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

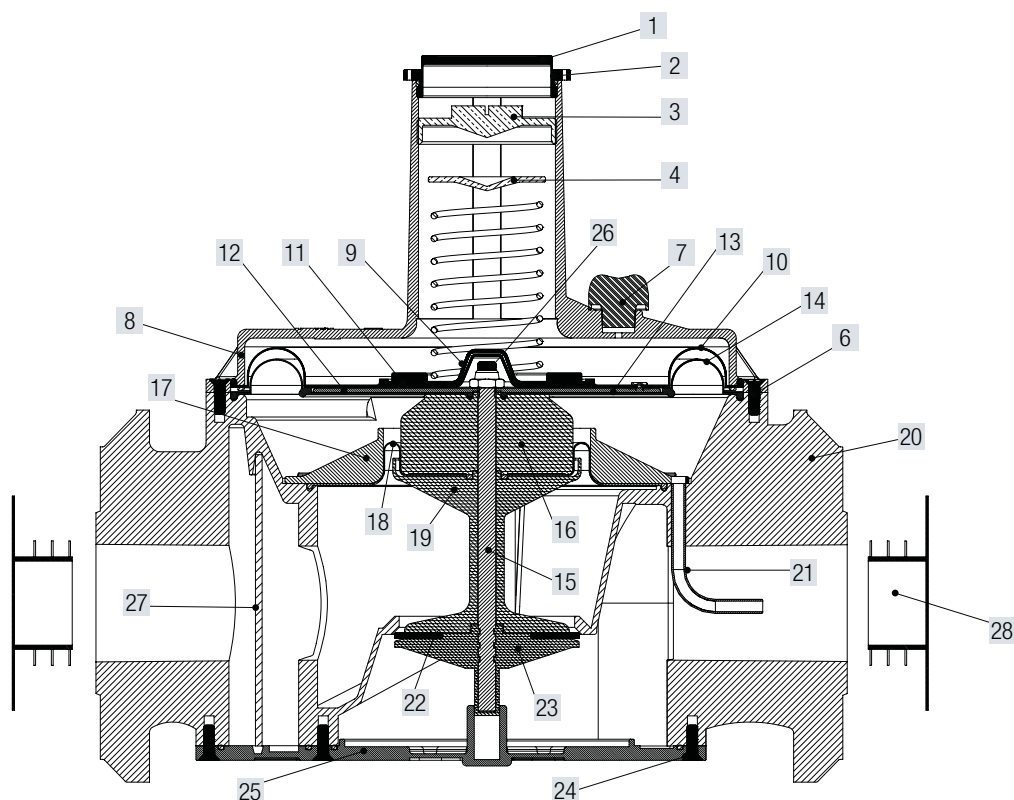
Pmax	inlet max – 2 bar
Setting outlet	6 – 130 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Flanged connection DN65 DN80 - DN100 - PN16
Test point	Inlet / outlet on request – Test point 1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu – EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	White POM / Pa 66 + 25% Gf

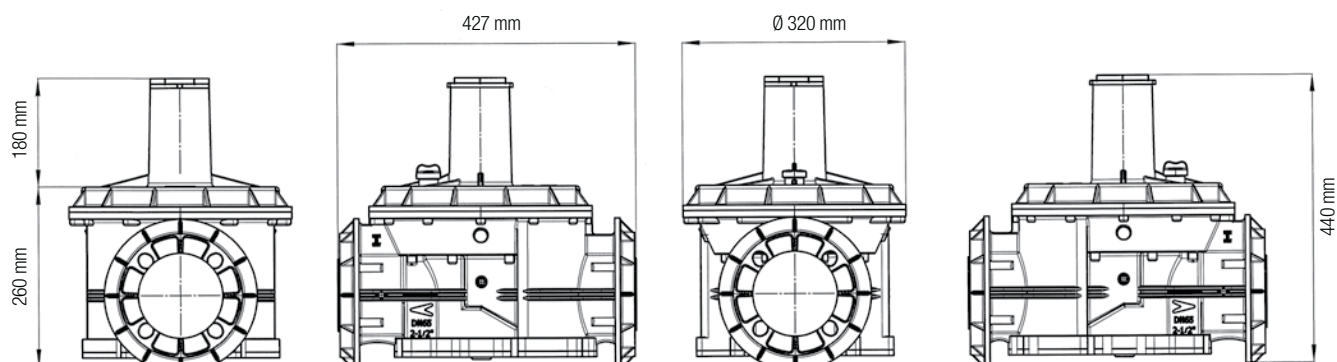
Spring Range:

	Color	Range mbar
SPY4-12	Yellow	6 - 22 mbar
SPN4-12	Neutral	10 - 27 mbar
SPR4-12	Red	28 - 70 mbar
SPBK4-12	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
28	Screw cover



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

Gas Governors Pmax 5 bar

Gas Governors Pmax 5 bar

GAS GOVERNOR PMAX 5 BAR

GAS GOVERNOR ½", ¾", 1" – Pmax 5 bar	p. 52
Gas Governor ½", ¾", 1" - High Capacity - 5 bar	p. 54
GAS GOVERNOR 1 ¼", 1 ½" – Pmax 5 bar	p. 56
GAS GOVERNOR 2" – Pmax 5 bar	p. 58
GAS GOVERNOR DN65, DN80, DN100 - Pmax 5 bar	p. 60



GAS GOVERNOR ½", ¾", 1" – Pmax 5 bar



Code	Description	Dimension	Pmax
RG015-5B	Gas Governor	½"	5 bar
RG020-5B	Gas Governor	¾"	5 bar
RG025-5B	Gas Governor	1"	5 bar
RGD25-5B	Gas Governor	DN25	5 bar
RG015-FT-5B	Gas Governor with filter	½"	5 bar
RG020-FT-5B	Gas Governor with filter	¾"	5 bar
RG025-FT-5B	Gas Governor with filter	1"	5 bar
RGD25-FT-5B	Gas Governor with filter	DN25	5 bar
RG015-5B-TPIO	Gas Governor with test point in/out	½"	5 bar
RG020-5B-TPIO	Gas Governor with test point in/out	¾"	5 bar
RG025-5B-TPIO	Gas Governor with test point in/out	1"	5 bar
RGD25-5B-TPIO	Gas Governor with test point in/out	DN25	5 bar
RG015-FT-5B-TPIO	Gas Governor with filter and test point in/out	½"	5 bar
RG020-FT-5B-TPIO	Gas Governor with filter and test point in/out	¾"	5 bar
RG025-FT-5B-TPIO	Gas Governor with filter and test point in/out	1"	5 bar
RGD25-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN25	5 bar

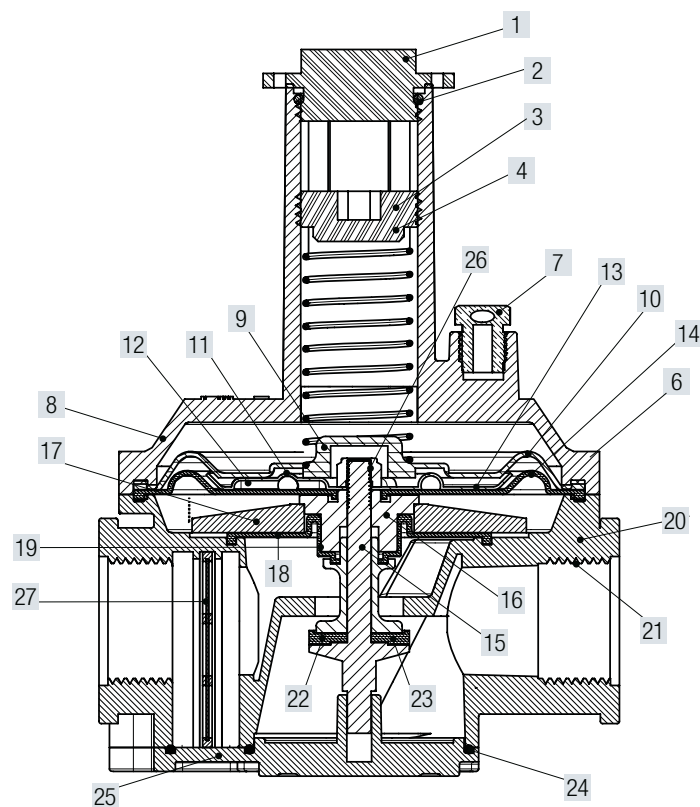
TECHNICAL FEATURES

Pmax	inlet max – 5 bar
Setting outlet	6 – 480 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm –
Inlet - Outlet Connection	Thread gas ½", ¾" 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 / PED / EAC

Materials:

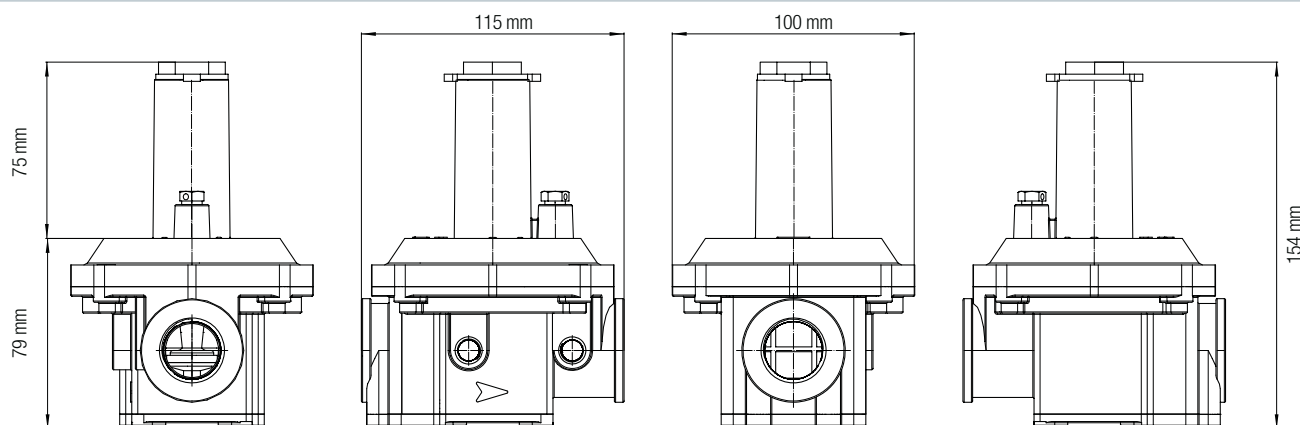
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	Yellow POM / Pa 66 + 25% Gf

Code:	Color	Range mbar
SPY1-12	Yellow	6 - 22 mbar
SPN1-12	Neutral	10 - 27 mbar
SPR1-12	Red	28 - 70 mbar
SPG1 -12	Green	70 - 280 mbar
SPBR1-12	Brown	220- 480 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 ½", ¾", 1" - High Capacity - 5 bar



Code	Description	Dimension	Pmax
RG015-HC-5B	Gas Governor	½"	5 bar
RG020-HC-5B	Gas Governor	¾"	5 bar
RG025-HC-5B	Gas Governor	1"	5 bar
RGD25-HC-5B	Gas Governor	DN25	5 bar
RG015-HC-FT-5B	Gas Governor with filter	½"	5 bar
RG020-HC-FT-5B	Gas Governor with filter	¾"	5 bar
RG025-HC-FT-5B	Gas Governor with filter	1"	5 bar
RGD25-HC-FT-5B	Gas Governor with filter	DN25	5 bar
RG015-HC-5B-TPIO	Gas Governor with test point in/out	½"	5 bar
RG020-HC-5B-TPIO	Gas Governor with test point in/out	¾"	5 bar
RG025-HC-5B-TPIO	Gas Governor with test point in/out	1"	5 bar
RGD25-HC-5B-TPIO	Gas Governor with test point in/out	DN25	5 bar
RG015-HC-FT-5B-TPIO	Gas Governor with filter and test point in/out	½"	5 bar
RG020-HC-FT-5B-TPIO	Gas Governor with filter and test point in/out	¾"	5 bar
RG025-HC-FT-5B-TPIO	Gas Governor with filter and test point in/out	1"	5 bar
RGD25-HC-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN25	5 bar

TECHNICAL FEATURES

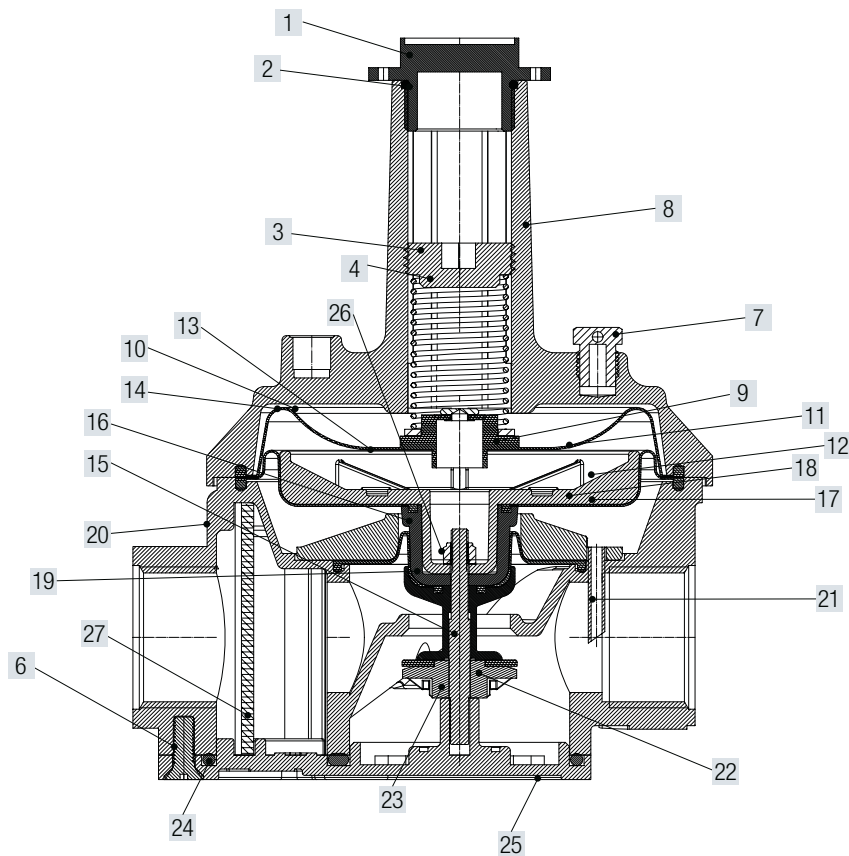
Pmax	inlet max – 5 bar
Setting outlet	6 – 480 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request – Range as per below table
Filtering	≤ 50µm –
Inlet - Outlet Connection	Thread gas ½", ¾", 1" - ISO 228 DN25 - Sliding Aluminium flange PN10
Test point	1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	Yellow POM / Pa 66 + 25% Gf

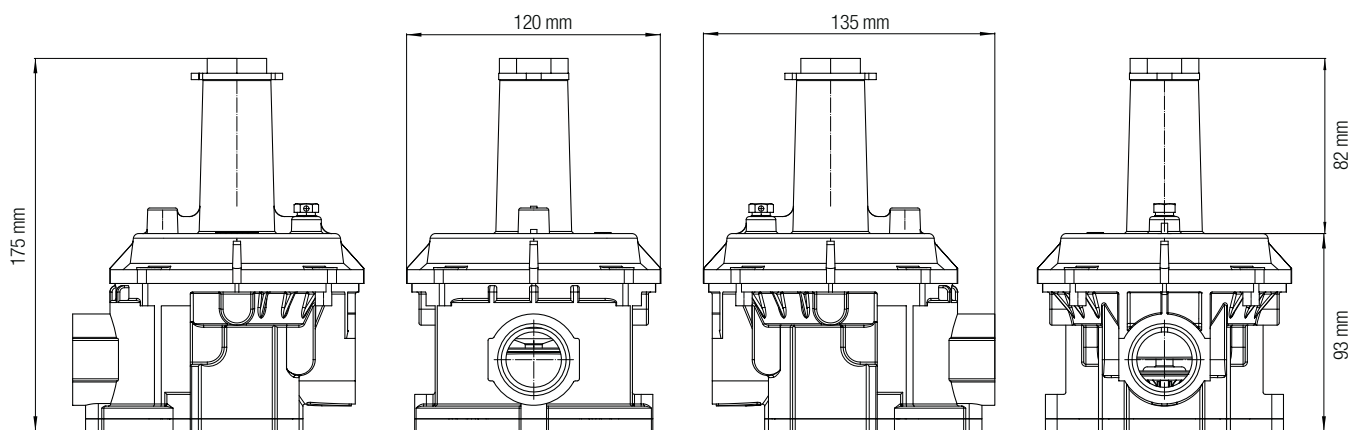
Code: Color Range mbar

SPY1-12HC	Yellow	6 - 22 mbar
SPN1-12HC	Neutral	10 - 27 mbar
SPR1-12HC	Red	28 - 70 mbar
SPG1-12HC	Green	70 - 280 mbar
SPBR2-12HC	Brown	220 - 480 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)	0,980	0,955	0,915

GAS GOVERNOR 1 ¼", 1 ½" – Pmax 5 bar



Code	Description	Dimension	Pmax
RG032-5B	Gas Governor	1 ¼"	5 bar
RG040-5B	Gas Governor	1 ½"	5 bar
RGD32-5B	Gas Governor	DN32	5 bar
RGD40-5B	Gas Governor	DN40	5 bar

RG032-FT-5B	Gas Governor with filter	1 ¼"	5 bar
RG040-FT-5B	Gas Governor with filter	1 ½"	5 bar
RGD32-FT-5B	Gas Governor with filter	DN32	5 bar
RGD40-FT-5B	Gas Governor with filter	DN40	5 bar

RG032-5B-TPIO	Gas Governor with test point in/out	1 ¼"	5 bar
RG040-5B-TPIO	Gas Governor with test point in/out	1 ½"	5 bar
RGD32-5B-TPIO	Gas Governor with test point in/out	DN32	5 bar
RGD40-5B-TPIO	Gas Governor with test point in/out	DN40	5 bar

RG032-FT-5B-TPIO	Gas Governor with filter test point in/out	1 ¼"	5 bar
RG040-FT-5B-TPIO	Gas Governor with filter test point in/out	1 ½"	5 bar
RGD32-FT-5B-TPIO	Gas Governor with filter test point in/out	DN32	5 bar
RGD40-FT-5B-TPIO	Gas Governor with filter test point in/out	DN40	5 bar

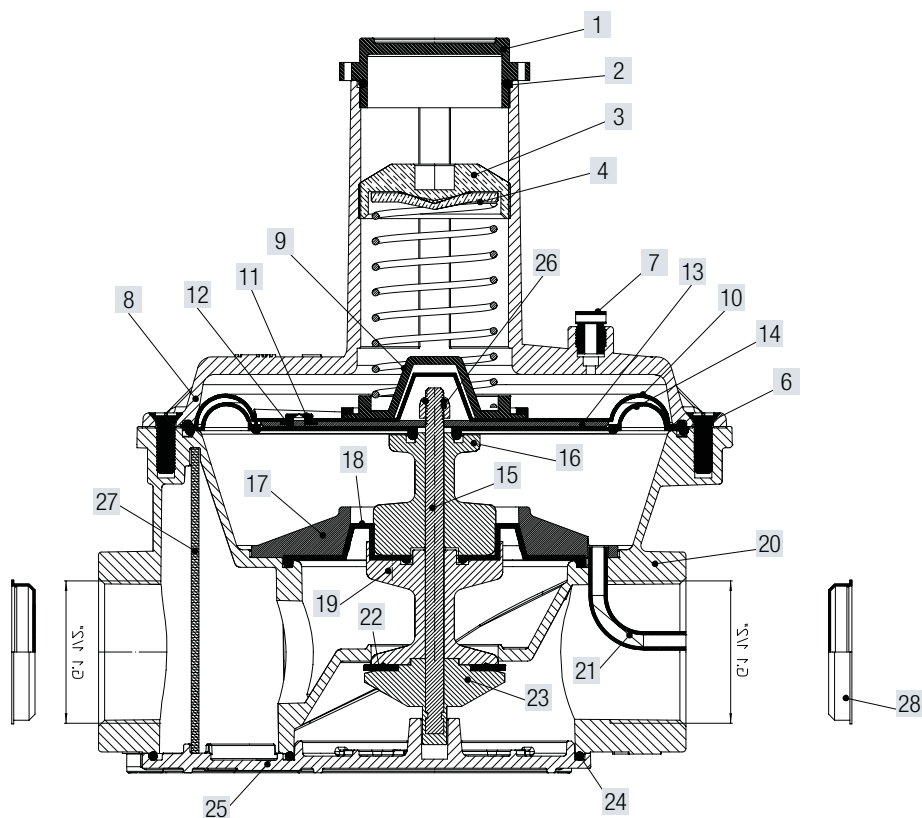
TECHNICAL FEATURES

Pmax	inlet max – 5 bar
Setting outlet	6 – 480 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 / PED / EAC

Materials:

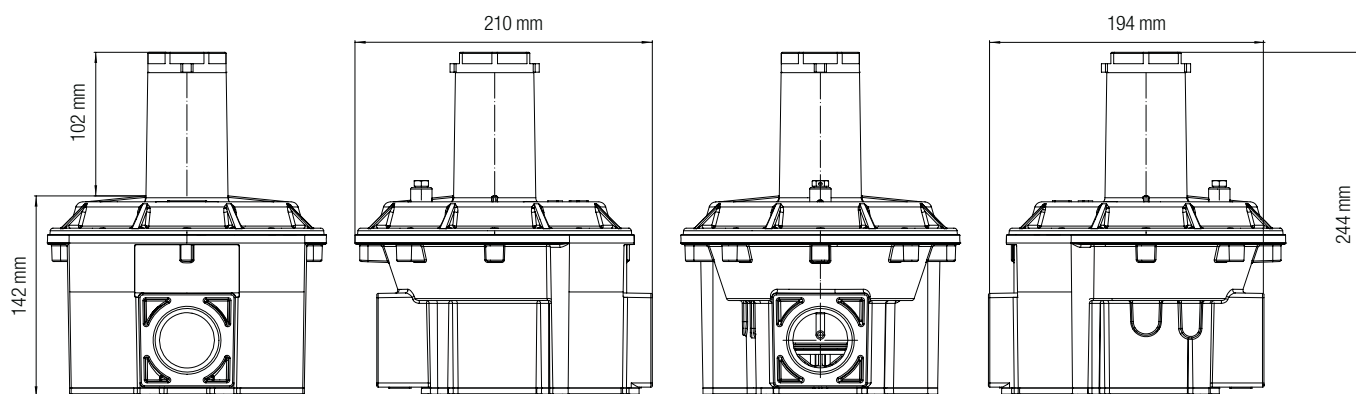
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu – EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	White POM / Pa 66 + 25% Gf

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
SPG2-12	Green	120 - 300 mbar
SPBR2-12	Brown	220 - 480 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
28	Screw cover



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

GAS GOVERNOR 2"– Pmax 5 bar



Code	Description	Dimension	Pmax
RG050-5B	Gas Governor	2"	5 bar
RGD50-5B	Gas Governor	DN50	5 bar
RG050-FT-5B	Gas Governor with filter	2"	5 bar
RGD50-FT-5B	Gas Governor with filter	DN50	5 bar
RG050-5B-TPIO	Gas Governor with test point in/out	2"	5 bar
RGD50-5B-TPIO	Gas Governor with test point in/out	DN50	5 bar
RG050-FT-5B-TPIO	Gas Governor with filter and test point in/out	2"	5 bar
RGD50-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN50	5 bar

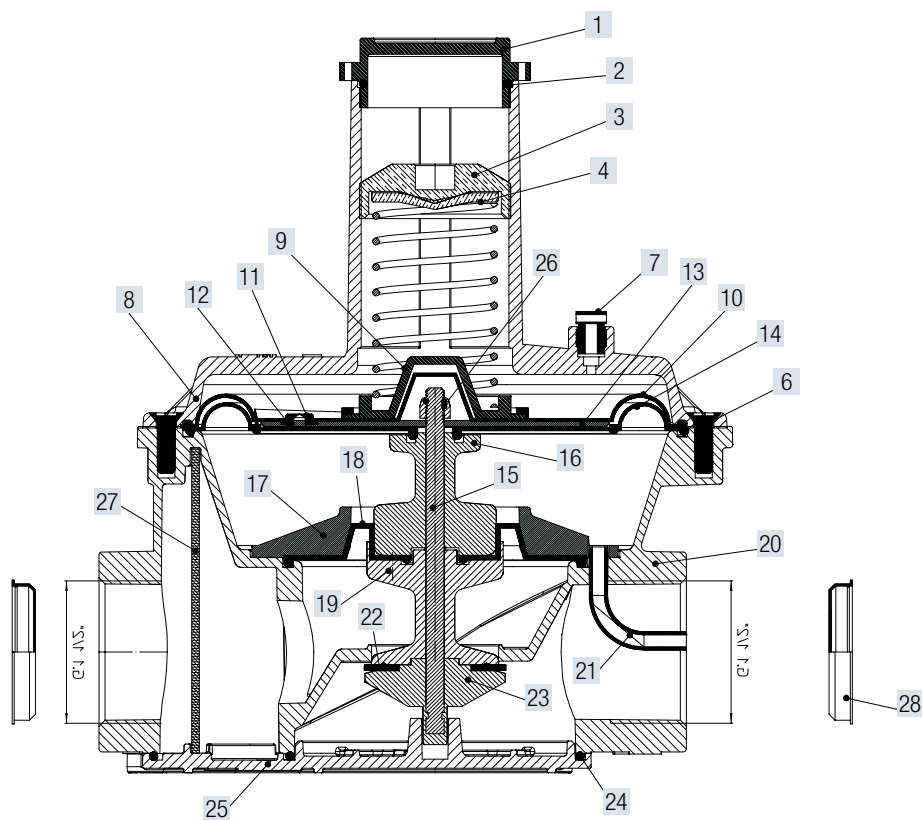
TECHNICAL FEATURES

Pmax	inlet max – 5 bar
Setting outlet	6 – 480 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 / PED / EAC

Materials:

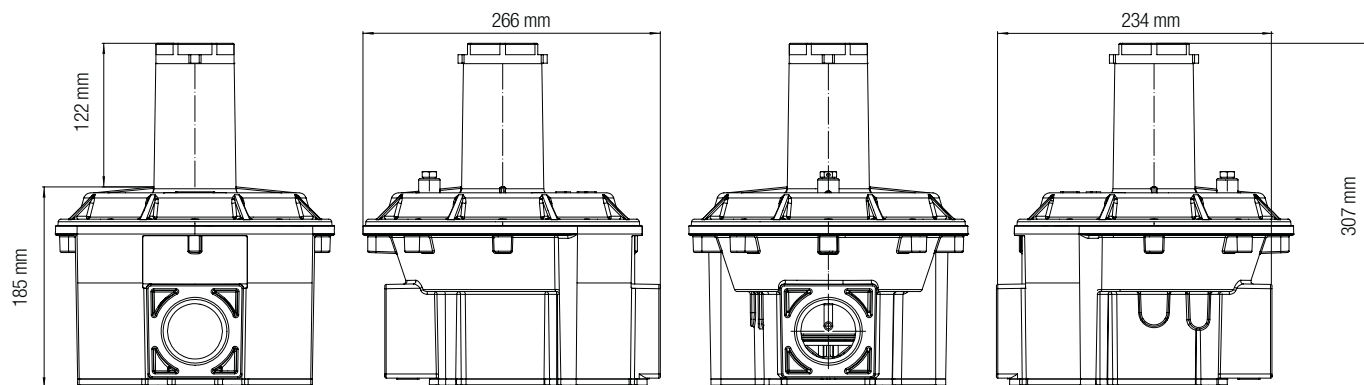
Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	White POM / Pa 66 + 25% Gf

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
SPG3-12	Green	120 - 300 mbar
SPBR3-12	Brown	220 - 480 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
28	Screw cover



Dimension	2"
WEIGHT (kgs)	5,8

GAS GOVERNOR DN65, DN80, DN100 - Pmax 5 bar



Code	Description	Dimension	Pmax
RGD65-5B	Gas Governor	DN65	5 bar
RGD80-5B	Gas Governor	DN80	5 bar
RGD100-5B	Gas Governor	DN100	5 bar
RGD65-FT-5B	Gas Governor with filter	DN65	5 bar
RGD80-FT-5B	Gas Governor with filter	DN80	5 bar
RGD100-FT-5B	Gas Governor with filter	DN100	5 bar
RGD65-5B-TPIO	Gas Governor with test point in/out	DN65	5 bar
RGD80-5B-TPIO	Gas Governor with test point in/out	DN80	5 bar
RGD100-5B-TPIO	Gas Governor with test point in/out	DN100	5 bar
RGD65-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN65	5 bar
RGD80-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN80	5 bar
RGD100-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN100	5 bar

TECHNICAL FEATURES

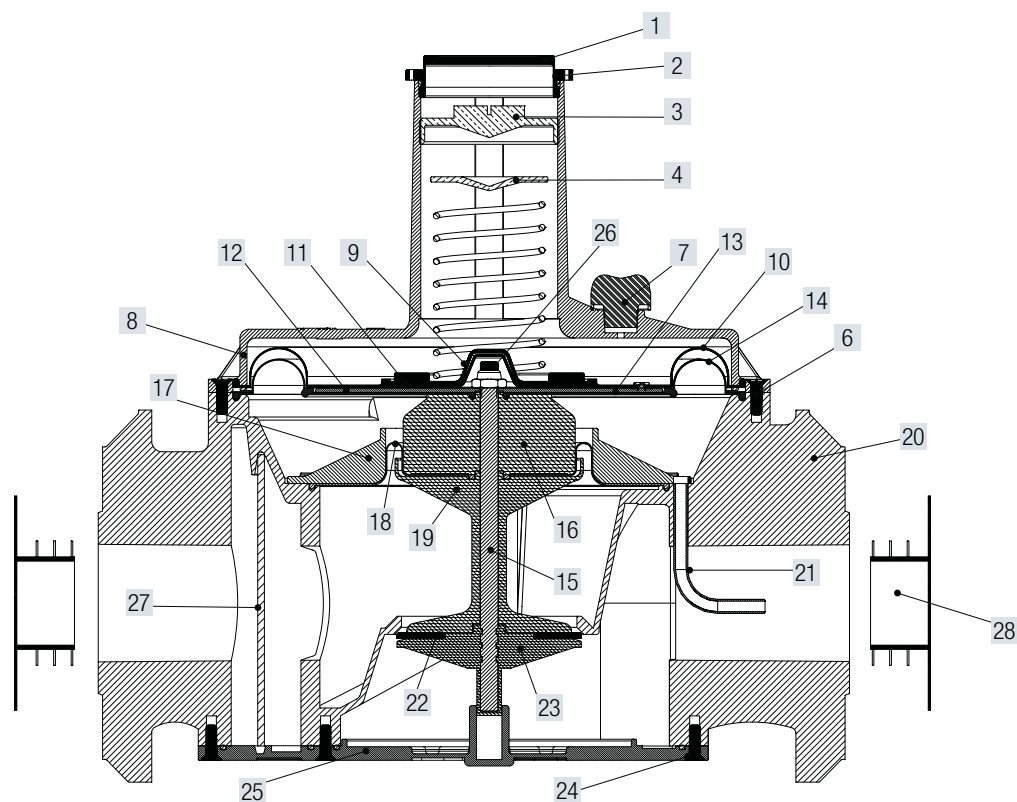
Pmax	inlet max – 5 bar
Setting outlet	10 – 300 mbar – Standard spring supplied 10 – 27 mbar – Other spring on request
Filtering	≤ 50µm – Viledon cartridge
Inlet - Outlet Connection	Flanged connection DN65 DN80 - DN100 - PN16
Test point	Inlet / outlet on request – Test point 1/8" NPT
Working Temperature	- 20 °C – + 60 °C
Use	Not aggressive gases of three families – Natural Gas – LPG – Town Gas
Approval	UNI EN 88-2:2008 / PED / EAC

Materials:

Complete Body	Die – Cast Aluminium Gd – AlSi12Cu - EN AB 46100
Diaphragms	NBR 60Sh – DvGW EN 549 - reinforced diaphragm
Plastic components	White POM / Pa 66 + 25% Gf

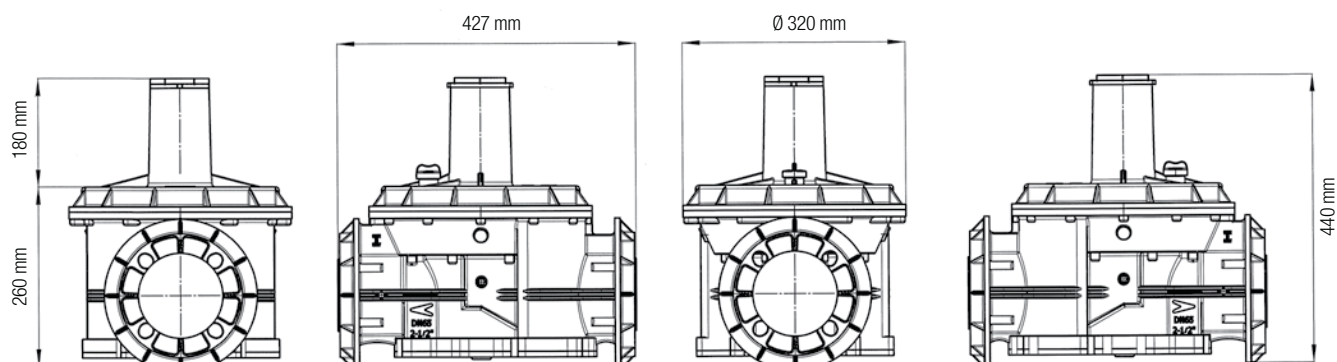
Spring Range:

	Color	Range mbar
SPY4-12	Yellow	6 - 22 mbar
SPN4-12	Neutral	10 - 27 mbar
SPR4-12	Red	28 - 70 mbar
SPBK4-12	Black	60 - 130 mbar



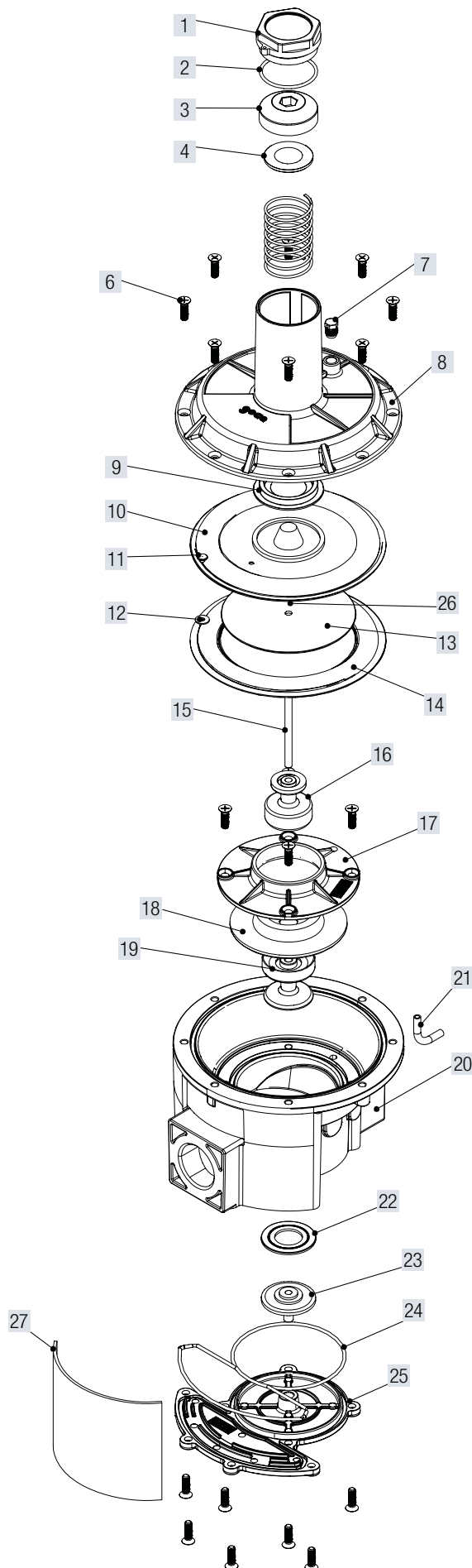
1	Seal cap
2	O-Ring
3	Spring compressor
4	Washer
6	Screws
7	Vent cap
8	Upper cover
9	Plastic Washer
10	Safety diaphragm
11	Calibrated nozzle
12	Washer
13	Disc
14	Compensation diaphragm

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
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

SPRINGS 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 (Standard 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

Others range on request

GAS GOVERNORS - Standard 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
RG015-HC	Gas Governor	½"	500 mbar
RG020-HC	Gas Governor	¾"	500 mbar
RG025-HC	Gas Governor	1"	500 mbar
RGD25-HC	Gas Governor	DN25	500 mbar
RG015-HC-FT	Gas Governor with filter	½"	500 mbar
RG020-HC-FT	Gas Governor with filter	¾"	500 mbar
RG025-HC-FT	Gas Governor with filter	1"	500 mbar
RGD25-HC-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
RG015-HC-1B	Gas Governor	½"	1 bar
RG020-HC-1B	Gas Governor	¾"	1 bar
RG025-HC-1B	Gas Governor	1"	1 bar
RGD25-HC-1B	Gas Governor	DN25	1 bar

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

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

Gas Governor - Pmax 5 bar

Code	Description	Dimension	Pmax
RG015-5B	Gas Governor	½"	5 bar
RG020-5B	Gas Governor	¾"	5 bar
RG025-5B	Gas Governor	1"	5 bar
RGD25-5B	Gas Governor	DN25	5 bar
RG015-FT-5B	Gas Governor with filter	½"	5 bar
RG020-FT-5B	Gas Governor with filter	¾"	5 bar
RG025-FT-5B	Gas Governor with filter	1"	5 bar
RGD25-FT-5B	Gas Governor with filter	DN25	5 bar

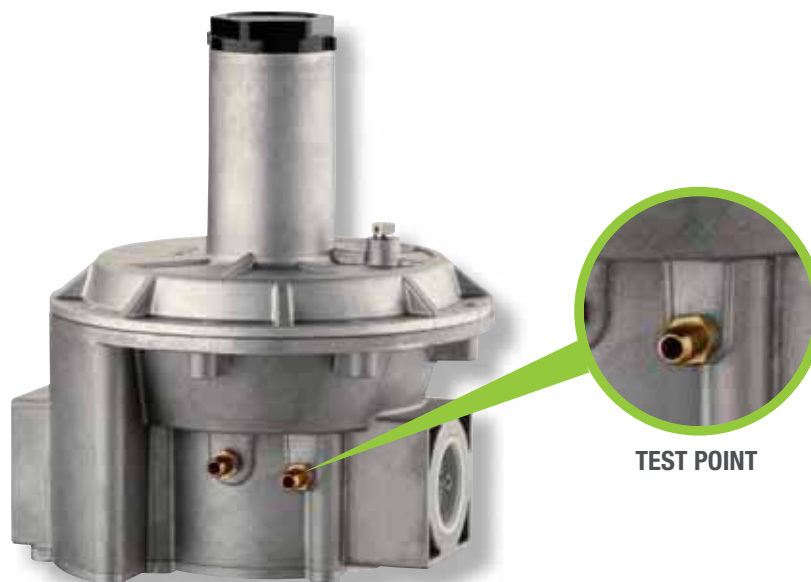
Code	Description	Dimension	Pmax
RG015-HC-5B	Gas Governor	½"	5 bar
RG020-HC-5B	Gas Governor	¾"	5 bar
RG025-HC-5B	Gas Governor	1"	5 bar
RGD25-HC-5B	Gas Governor	DN25	5 bar
RG015-HC-FT-5B	Gas Governor with filter	½"	5 bar
RG020-HC-FT-5B	Gas Governor with filter	¾"	5 bar
RG025-HC-FT-5B	Gas Governor with filter	1"	5 bar
RGD25-HC-FT-5B	Gas Governor with filter	DN25	5 bar

Code	Description	Dimension	Pmax
RG032-5B	Gas Governor	1 ¼"	5 bar
RG040-5B	Gas Governor	1 ½"	5 bar
RGD32-5B	Gas Governor	DN32	5 bar
RGD40-5B	Gas Governor	DN40	5 bar
RG032-FT-5B	Gas Governor with filter	1 ¼"	5 bar
RG040-FT-5B	Gas Governor with filter	1 ½"	5 bar
RGD32-FT-5B	Gas Governor with filter	DN32	5 bar
RGD40-FT-5B	Gas Governor with filter	DN40	5 bar

Code	Description	Dimension	Pmax
RG050-5B	Gas Governor	2"	5 bar
RGD50-5B	Gas Governor	DN50	5 bar
RG050-FT-5B	Gas Governor with filter	2"	5 bar
RGD50-FT-5B	Gas Governor with filter	DN50	5 bar

Code	Description	Dimension	Pmax
RGD65-5B	Gas Governor	DN65	5 bar
RGD80-5B	Gas Governor	DN80	5 bar
RGD100-5B	Gas Governor	DN100	5 bar
RGD65-FT-5B	Gas Governor with filter	DN65	5 bar
RGD80-FT-5B	Gas Governor with filter	DN80	5 bar
RGD100-FT-5B	Gas Governor with filter	DN100	5 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
RG015-HC-TPIO	Gas Governor with test point in/out	½"	500 mbar
RG020-HC-TPIO	Gas Governor with test point in/out	¾"	500 mbar
RG025-HC-TPIO	Gas Governor with test point in/out	1"	500 mbar
RGD25-HC-TPIO	Gas Governor with test point in/out	DN25	500 mbar
RG015-HC-FT-TPIO	Gas Governor with filter and test point in/out	½"	500 mbar
RG020-HC-FT-TPIO	Gas Governor with filter and test point in/out	¾"	500 mbar
RG025-HC-FT-TPIO	Gas Governor with filter and test point in/out	1"	500 mbar
RGD25-HC-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 GOVERNORS - TPIO code - Test point input / output

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
RGD25-1B-TPIO	Gas Governor with test point in/out	DN25	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
RGD25-FT-1B-TPIO	Gas Governor with filter and test point in/out	DN25	1 bar

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

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

Code	Description	Dimension	Pmax
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

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	½"	2 bar
RG020-2B-TPIO	Gas Governor with test point in/out	¾"	2 bar
RG025-2B-TPIO	Gas Governor with test point in/out	1"	2 bar
RGD25-2B-TPIO	Gas Governor with test point in/out	DN25	2 bar

RG015-FT-2B-TPIO	Gas Governor with filter and test point in/out	½"	2 bar
RG020-FT-2B-TPIO	Gas Governor with filter and test point in/out	¾"	2 bar
RG025-FT-2B-TPIO	Gas Governor with filter and test point in/out	1"	2 bar
RGD25-FT-2B-TPIO	Gas Governor with filter and test point in/out	DN25	2 bar

Code	Description	Dimension	Pmax
RG015-HC-2B-TPIO	Gas Governor with test point in/out	½"	2 bar
RG020-HC-2B-TPIO	Gas Governor with test point in/out	¾"	2 bar
RG025-HC-2B-TPIO	Gas Governor with test point in/out	1"	2 bar

RG015-HC-FT-2B-TPIO	Gas Governor with filter and test point in/out	½"	2 bar
RG020-HC-FT-2B-TPIO	Gas Governor with filter and test point in/out	¾"	2 bar
RG025-HC-FT-2B-TPIO	Gas Governor with filter and test point in/out	1"	2 bar

Code	Description	Dimension	Pmax
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

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

Gas Governor - Pmax 5 bar

Code	Description	Dimension	Pmax
RG015-5B-TPIO	Gas Governor with test point in/out	½"	5 bar
RG020-5B-TPIO	Gas Governor with test point in/out	¾"	5 bar
RG025-5B-TPIO	Gas Governor with test point in/out	1"	5 bar
RGD25-5B-TPIO	Gas Governor with test point in/out	DN25	5 bar

RG015-FT-5B-TPIO	Gas Governor with filter and test point in/out	½"	5 bar
RG020-FT-5B-TPIO	Gas Governor with filter and test point in/out	¾"	5 bar
RG025-FT-5B-TPIO	Gas Governor with filter and test point in/out	1"	5 bar
RGD25-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN25	5 bar

Code	Description	Dimension	Pmax
RG015-HC-5B-TPIO	Gas Governor with test point in/out	½"	5 bar
RG020-HC-5B-TPIO	Gas Governor with test point in/out	¾"	5 bar
RG025-HC-5B-TPIO	Gas Governor with test point in/out	1"	5 bar
RGD25-HC-5B-TPIO	Gas Governor with test point in/out	DN25	5 bar

RG015-HC-FT-5B-TPIO	Gas Governor with filter and test point in/out	½"	5 bar
RG020-HC-FT-5B-TPIO	Gas Governor with filter and test point in/out	¾"	5 bar
RG025-HC-FT-5B-TPIO	Gas Governor with filter and test point in/out	1"	5 bar
RGD25-HC-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN25	5 bar

Code	Description	Dimension	Pmax
RG032-5B-TPIO	Gas Governor with test point in/out	1 ¼"	5 bar
RG040-5B-TPIO	Gas Governor with test point in/out	1 ½"	5 bar
RGD32-5B-TPIO	Gas Governor with test point in/out	DN32	5 bar
RGD40-5B-TPIO	Gas Governor with test point in/out	DN40	5 bar

RG032-FT-5B-TPIO	Gas Governor with filter test point in/out	1 ¼"	5 bar
RG040-FT-5B-TPIO	Gas Governor with filter test point in/out	1 ½"	5 bar
RGD32-FT-5B-TPIO	Gas Governor with filter test point in/out	DN32	5 bar
RGD40-FT-5B-TPIO	Gas Governor with filter test point in/out	DN40	5 bar

Code	Description	Dimension	Pmax
RG050-5B-TPIO	Gas Governor with test point in/out	2"	5 bar
RGD50-5B-TPIO	Gas Governor with test point in/out	DN50	5 bar

RG050-FT-5B-TPIO	Gas Governor with filter and test point in/out	2"	5 bar
RGD50-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN50	5 bar

Code	Description	Dimension	Pmax
RGD65-5B-TPIO	Gas Governor with test point in/out	DN65	5 bar
RGD80-5B-TPIO	Gas Governor with test point in/out	DN80	5 bar
RGD100-5B-TPIO	Gas Governor with test point in/out	DN100	5 bar

RGD65-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN65	5 bar
RGD80-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN80	5 bar
RGD100-FT-5B-TPIO	Gas Governor with filter and test point in/out	DN100	5 bar

CODE DESCRIPTION

RG015-FT-1B- TPIO

- | | | | | |
|---------------------------|---|----------|---|-------------------------|
| ① | ② | ③ | ④ | ⑤ |
| ① GAS GOVERNOR: | | | | ② DIMENSIONS: |
| RG=Threaded connections | | | | 015 = 1/2" |
| RGD=Flanged connections | | | | 020 = 3/4" |
| | | | | 025= 1" |
| | | | | 25= DN25 |
| | | | | 032= 1 ^{1/4} " |
| ③ OPTIONAL: | | ④ BAR: | | 32= DN32 |
| -FT= With Filter | | =500mbar | | 040= 1 ^{1/2} " |
| | | -1B=1bar | | 40= DN40 |
| | | -2B=2bar | | 050= 2" |
| | | -5B=5bar | | 50= DN50 |
| ⑤ TPIO: | | | | 65 = DN65 |
| -Test point inlet /outlet | | | | 80 = DN80 |
| | | | | 100 = DN100 |

PACKING DIMENSION

Code	Packaging Dimension (LxWxH) cm	Weight dimension (Kg)	Packaging
RG015 – RG020 – RG025	63x24x18	7,4	10 units
RG015-HC – RG020-HC – RG025HC	66x30x23	10	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

GENERAL DESCRIPTION

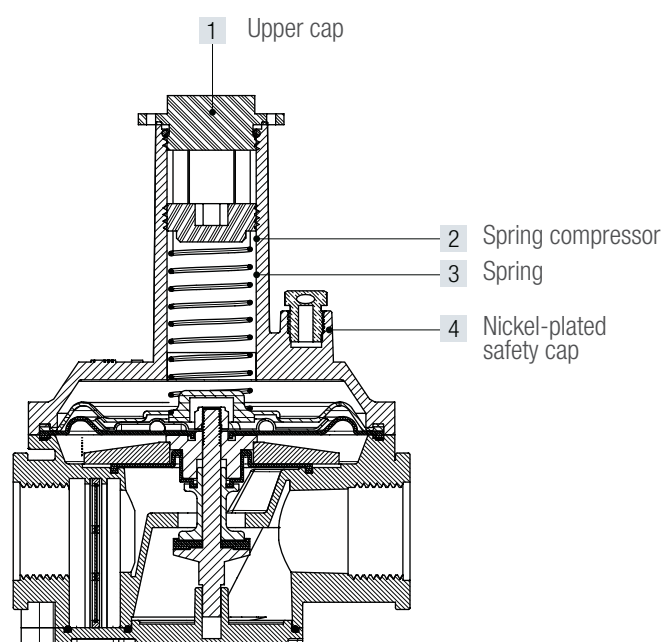
Verify that the installation is performed according to the particular law in force and according to the valid technical rules; Verify that the data indicated on the regulator's type plate, answer to the required terms from the instruments of combustion connected; Verify that regulator is installed according to the indications of this data sheet, and particularly: Verify the presence of an inlet and outlet stop valve; Verify the presence of a specific gas filter with suitable flow rate; Verify the correct assemblage position of governor.

To respect the direction of the flow as pointed out by the arrow on the governor.

For a correct assembly follow the mechanical diagram A. For any exhaust and/or vent pipes, remove the vent cap 1/4" or 1/2" (4) on the cover, using the union provided, connect 1/2" pipe, being careful to locate the outlet in a safe place

PRESSURE SETTING

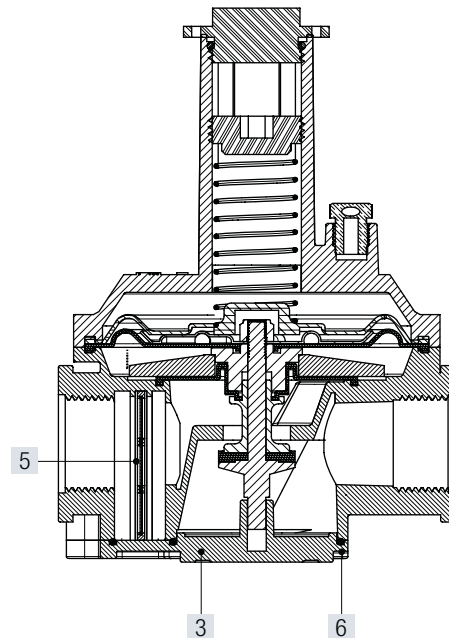
The possible varying of the setting is indicated in the plate. For increasing or decreasing, please unscrew the cap (1), turning clockwise the spring compressor (2) increase the pressure and counterclockwise to decrease it. When the adjustment is finished, secure cap (1) and seal it if necessary.



MAINTENANCE

Close the inlet and outlet valves and slowly depressurize the governor, ASSURE that there is no pressure inside the governor, then remove the screws on the cover. pos. 6. Remove the cover pos. 3, remove the filter cartridge pos. 5 and replace it with the new one.

Place the new cartridge in its seat, and assure that the new cartridge fits perfectly inside the governor housing guide. CAREFULLY inspect the O-ring seal and replace it if necessary. Reassemble the cover, making sure that the cartridge fits perfectly in the cover seat, and tighten the screws crosswise. Pressurize the governor by SLOWLY open the inlet valve and check the seal around the cover and the screws, using foam or soapy water. After successful test, SLOWLY open the outlet valve.



INSTALLATION AND POSITIONING

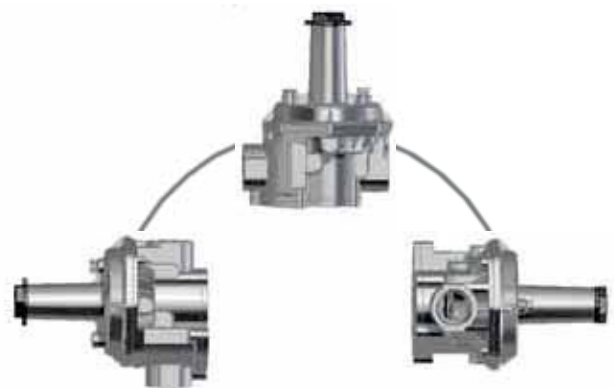
The governor gas regulator can be mounted in a vertical and horizontal position with a maximum angle of 90°.

Do not use the governor as a lever.

Check the equipment condition periodically.

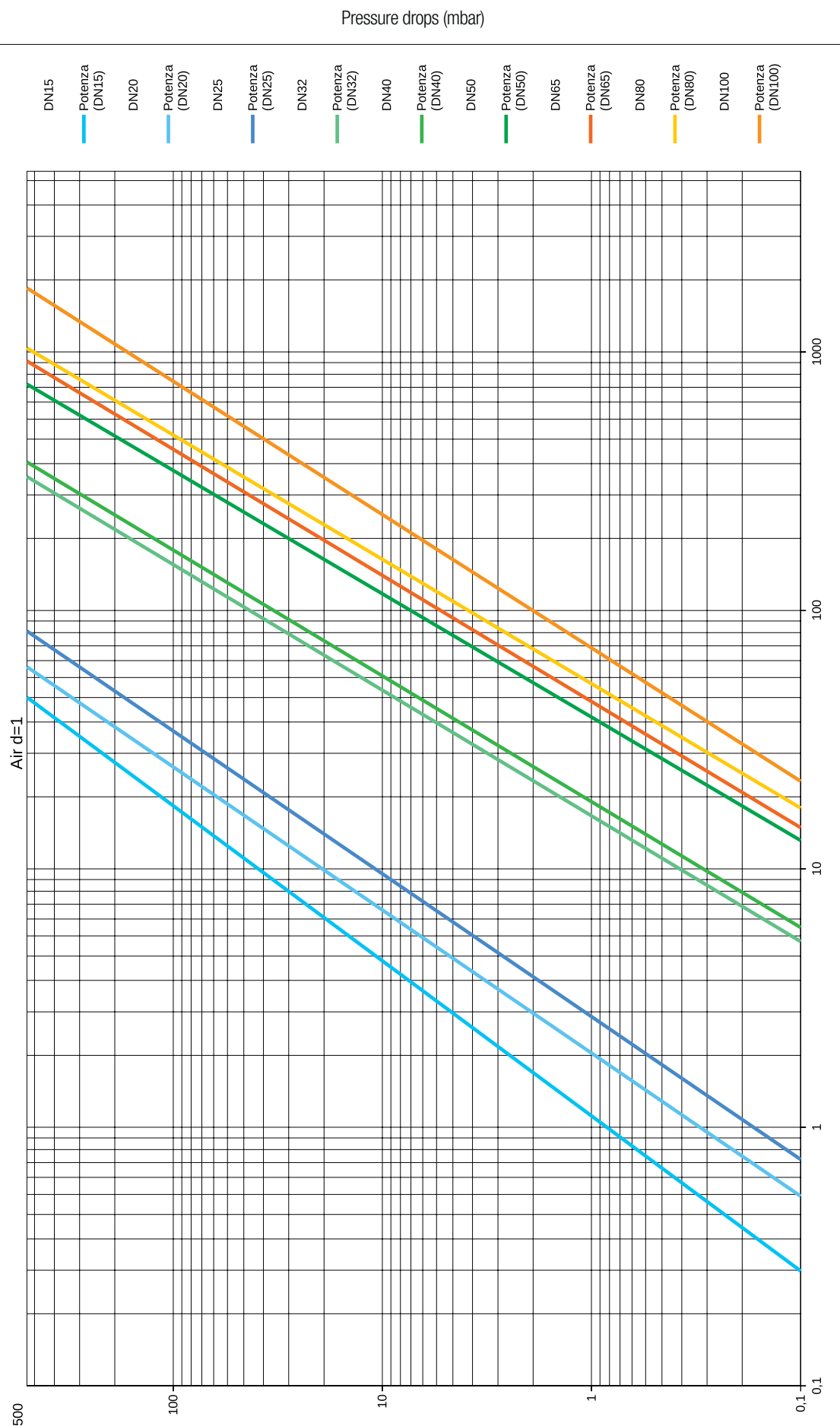
Check the downstream pressure periodically.

Verify that the whole system works perfectly (the smell of gas odour indicates a leak). Perform periodical maintenance to all the regulation equipments.



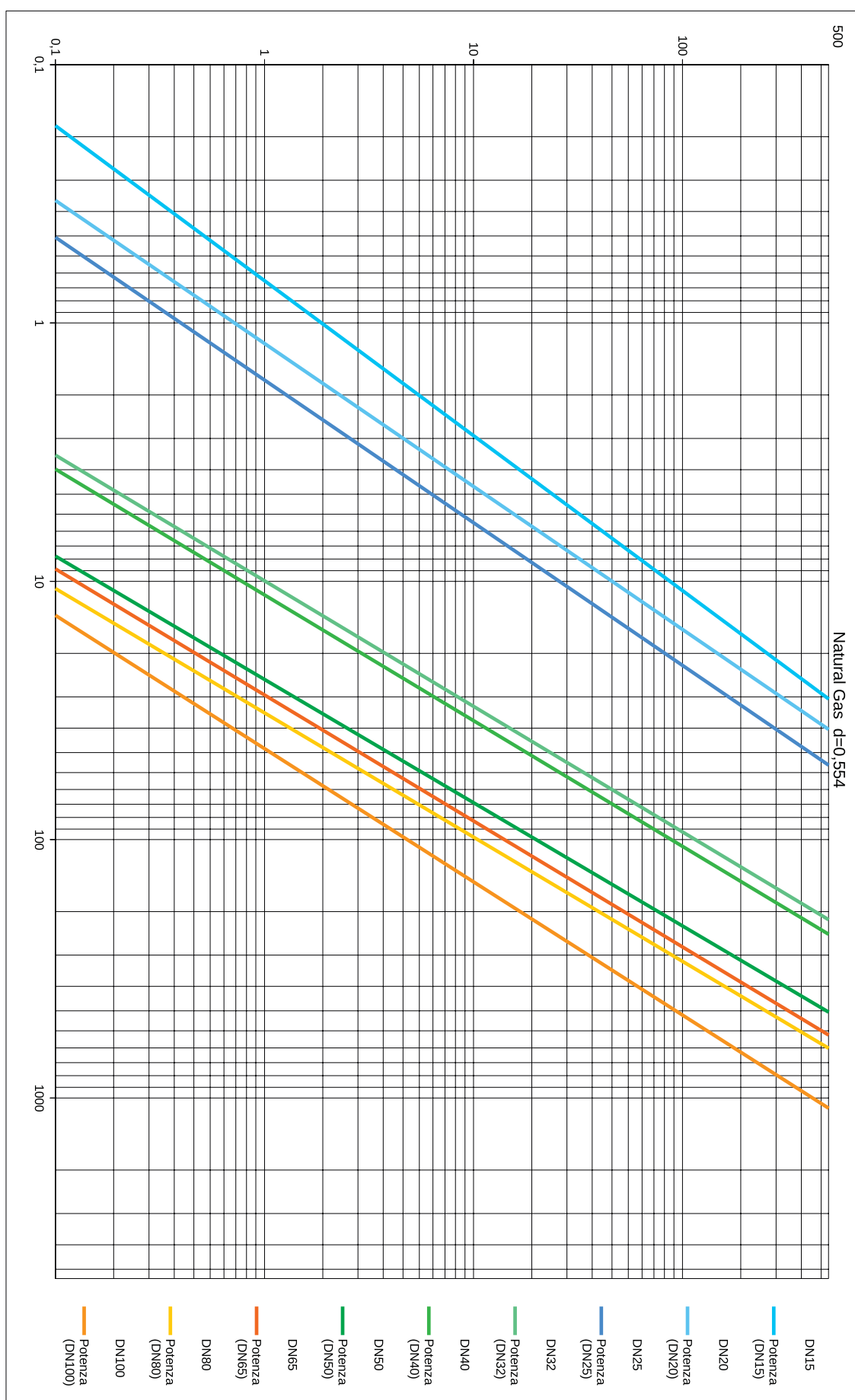
Max permitted agulation: 90°

Gas Governor 500 mbar - Air d=1



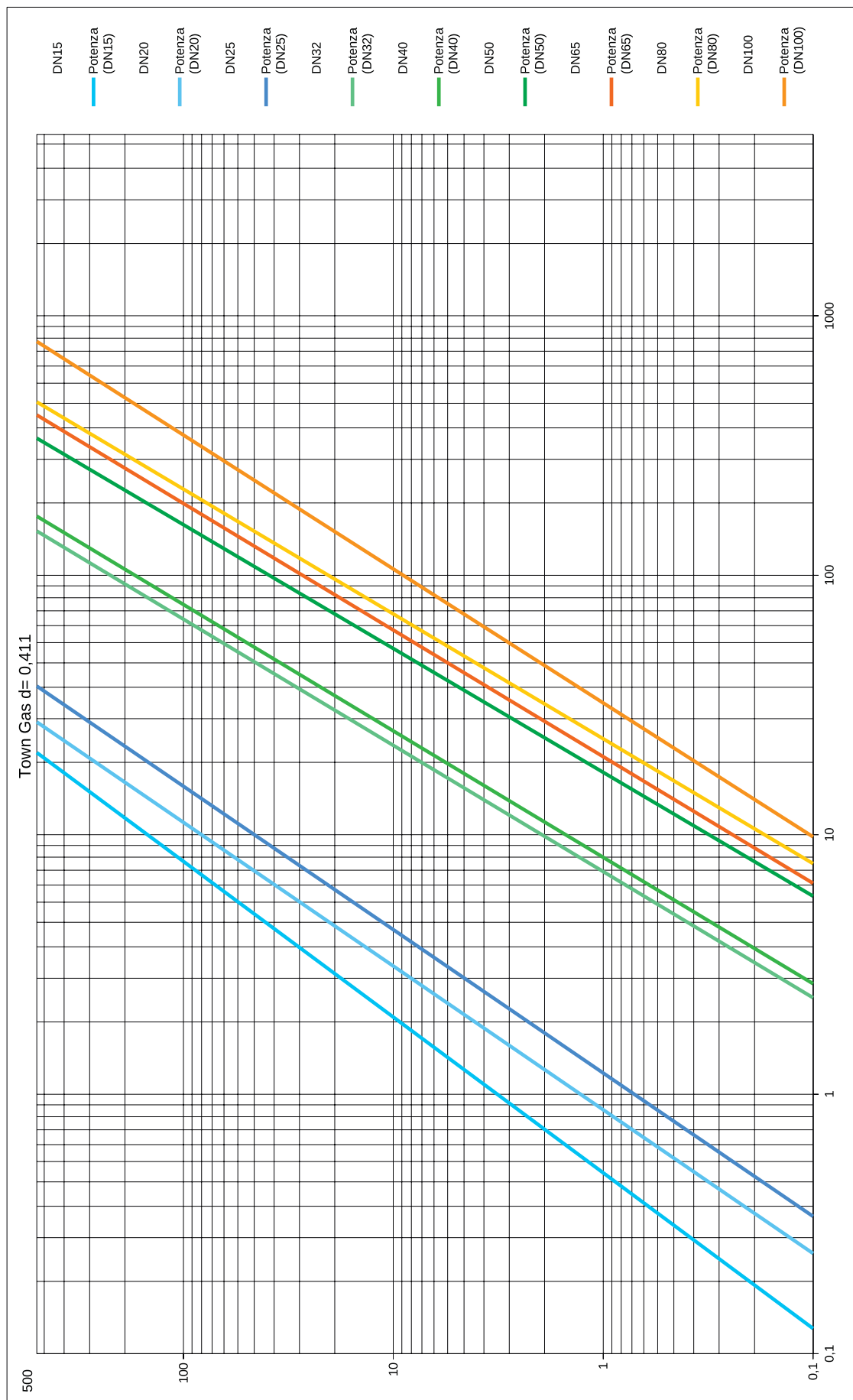
Gas Governor 500 mbar - Natural Gas $d=0,554$

Pressure drops (mbar)



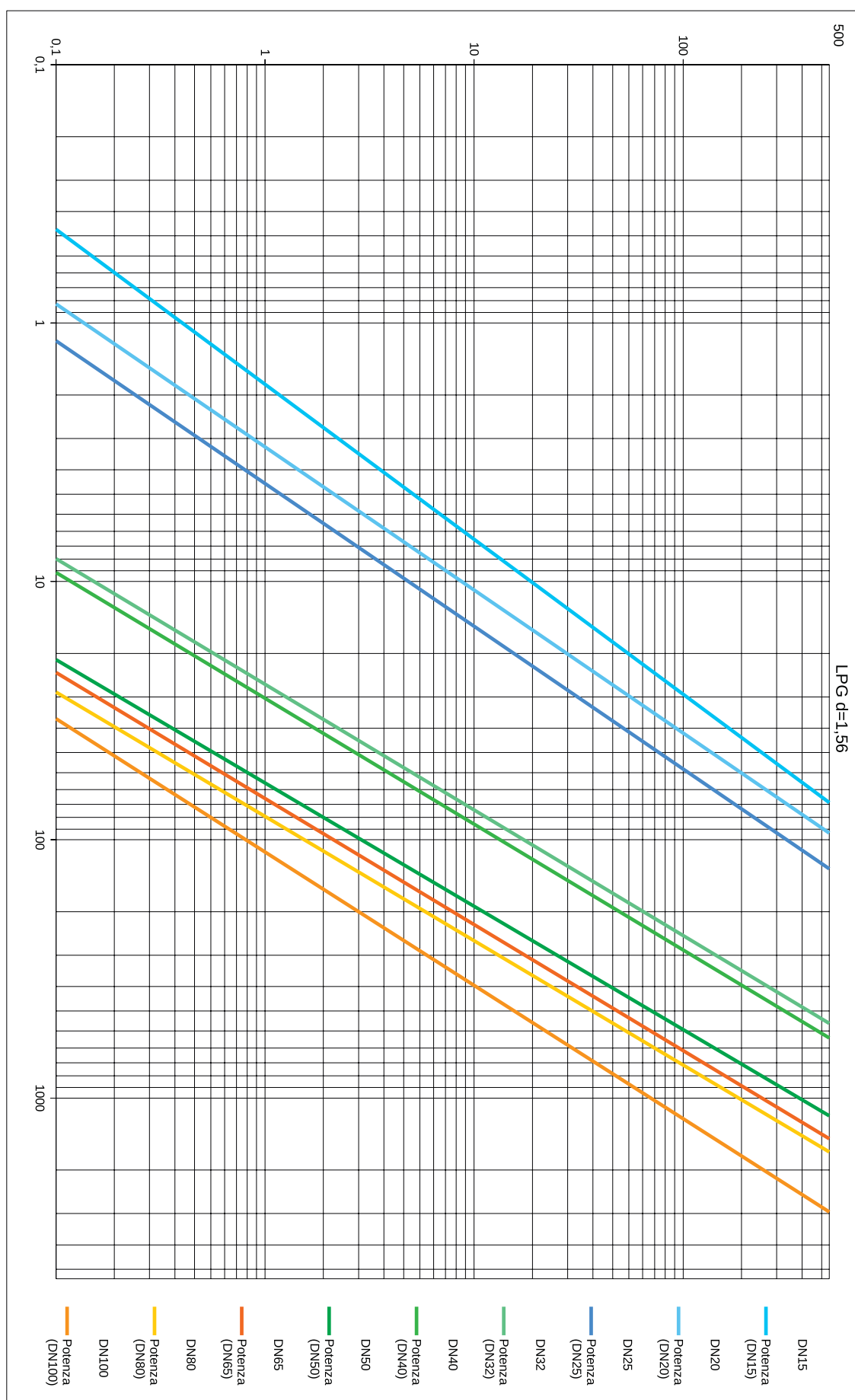
Gas Governor 500 mbar - Town Gas $d=0,411$

Pressure drops (mbar)

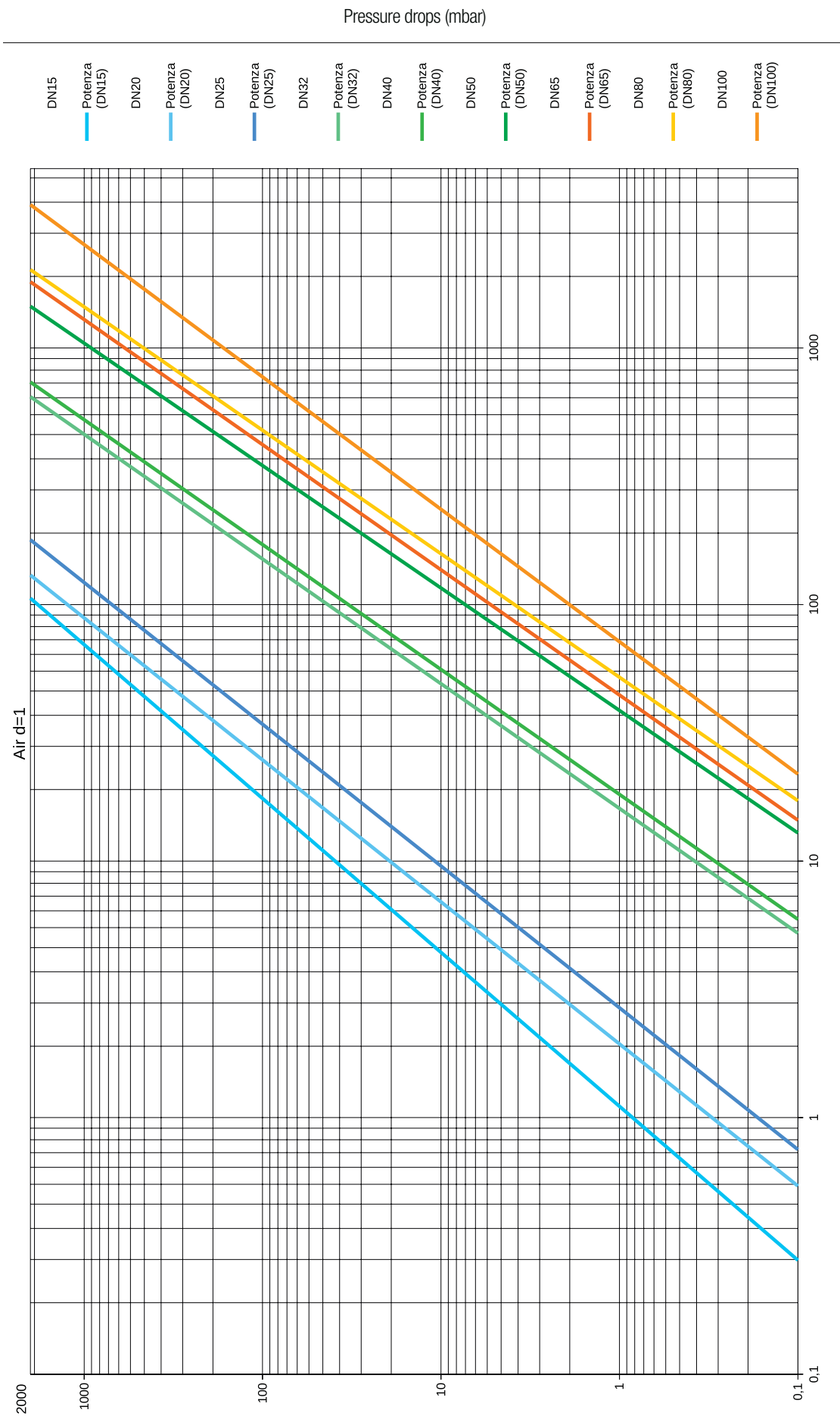


Gas Governor 500 mbar - LPG d=1,56

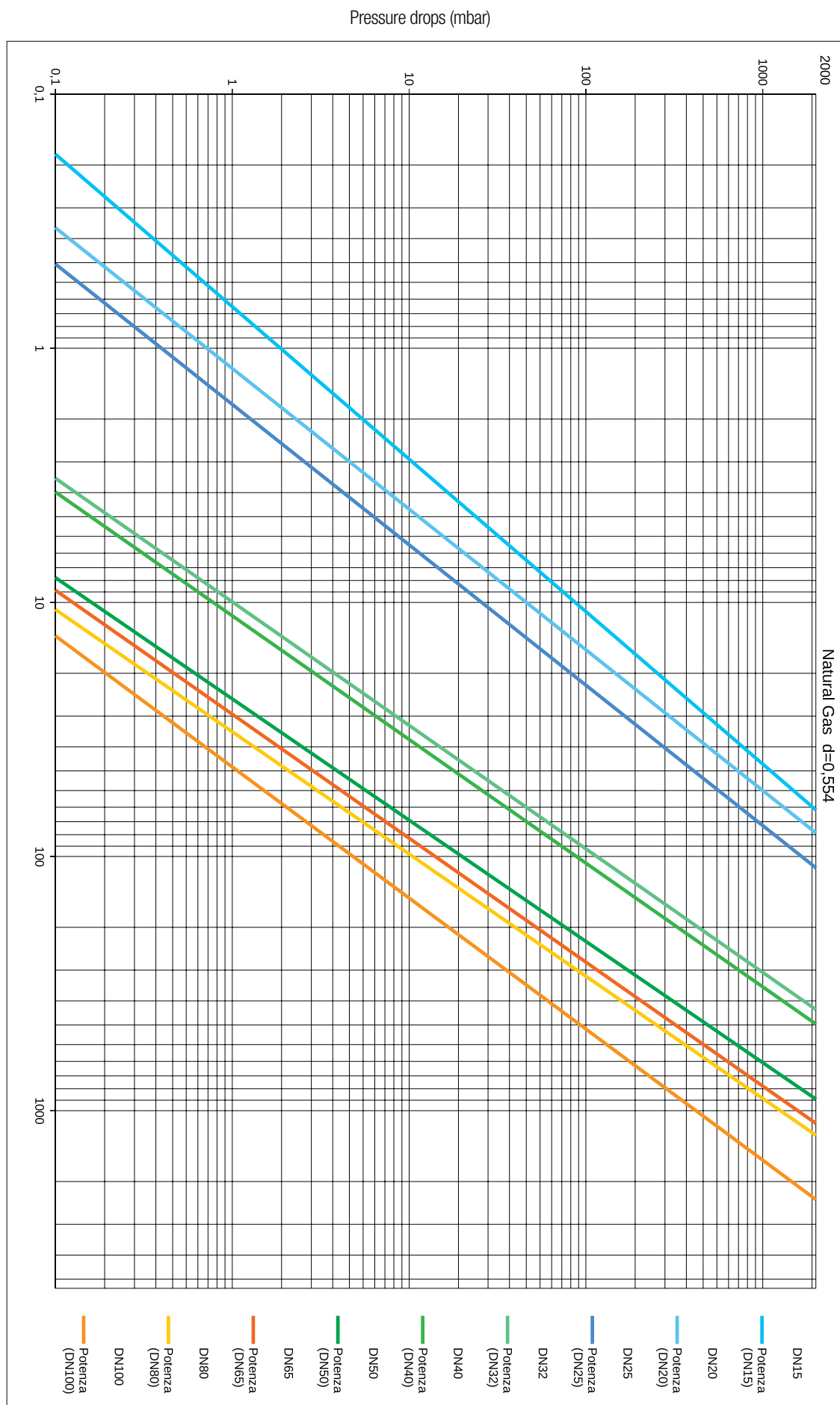
Pressure drops (mbar)



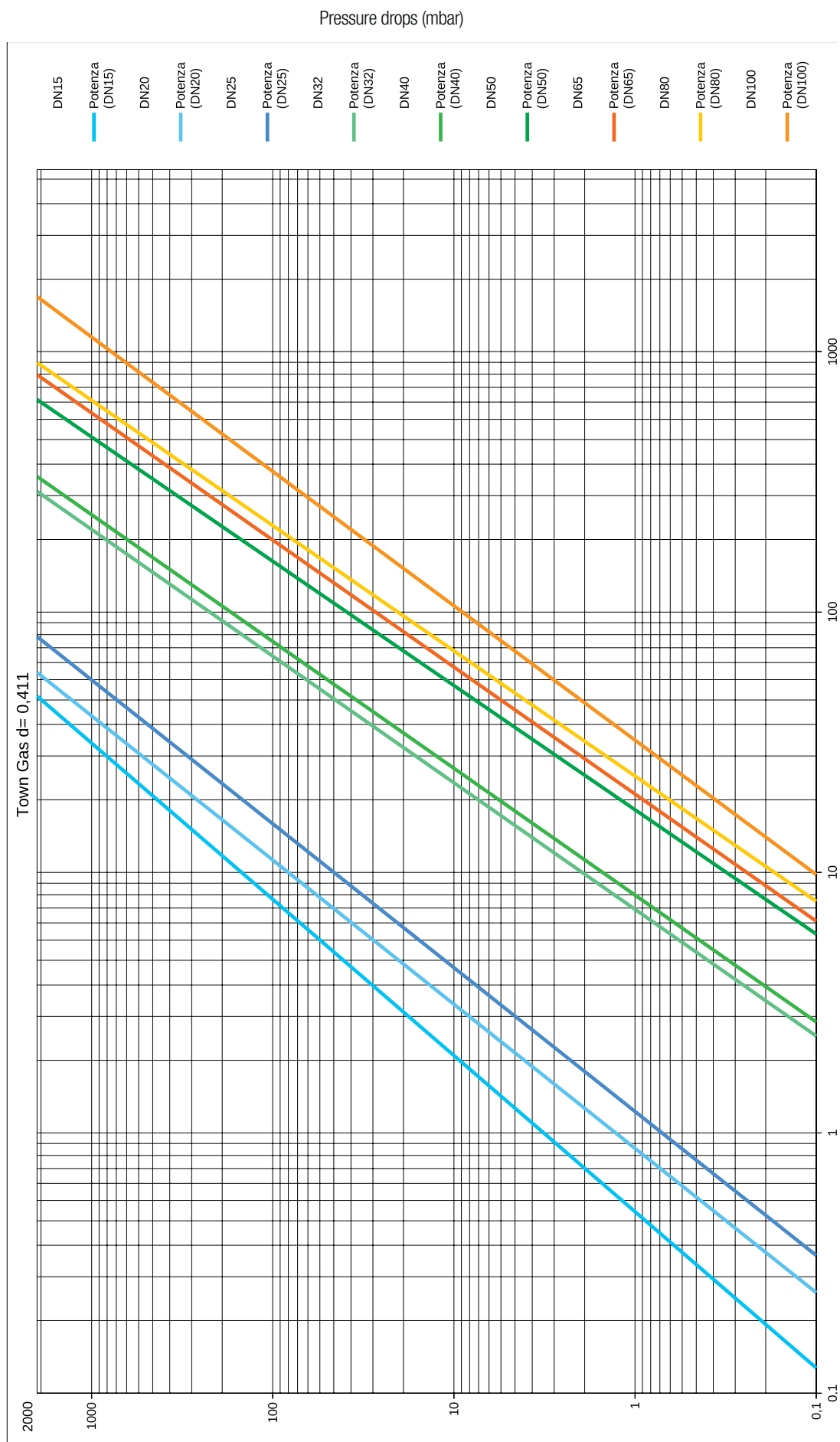
Gas Governor 1 & 2 bar - Air d=1



Gas Governor 1 & 2 bar - Natural Gas d=0,554

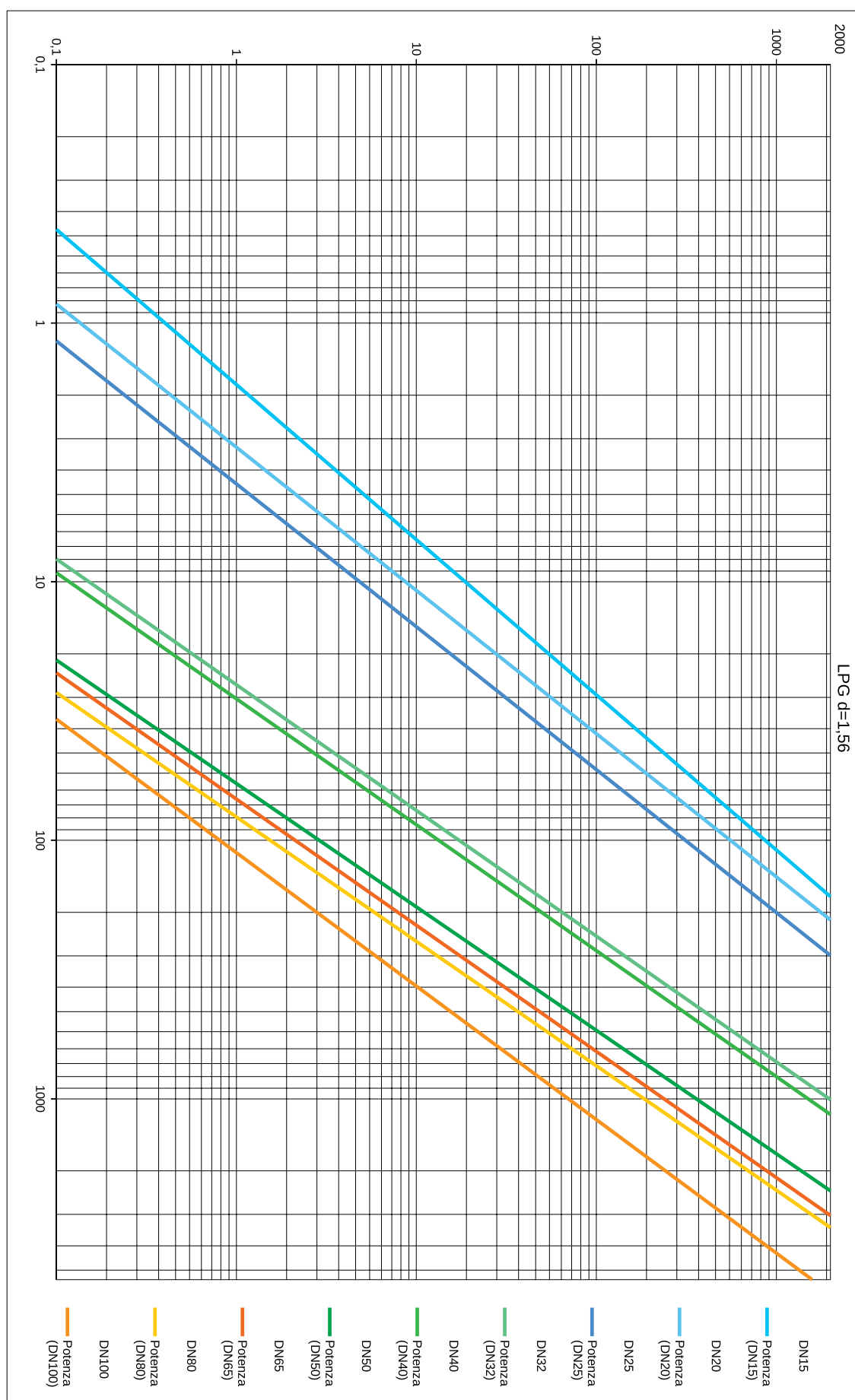


Gas Governor 1 & 2 bar - Town Gas $d=0,411$

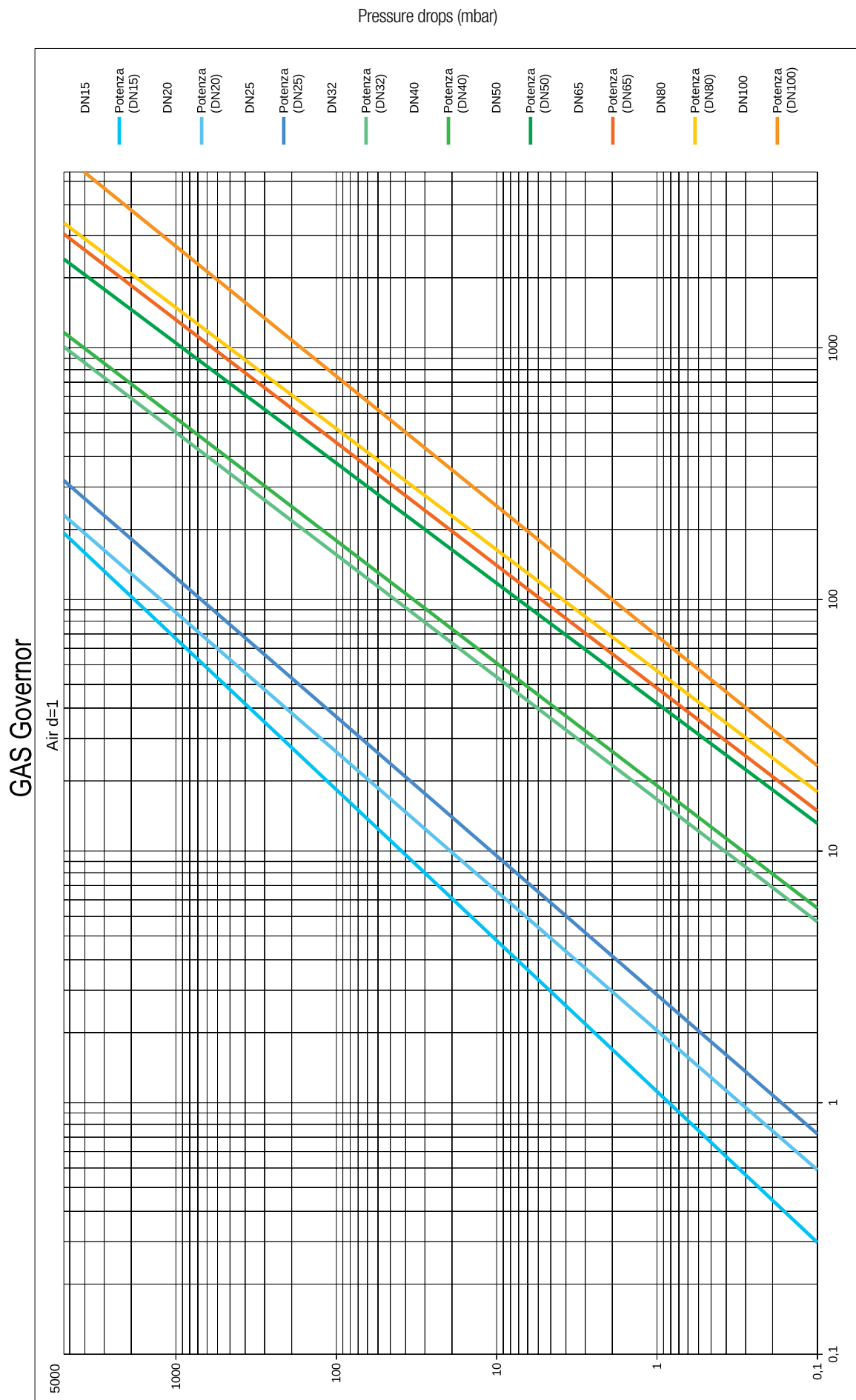


Gas Governor 1 & 2 bar - LPG d=1,58

Pressure drops (mbar)

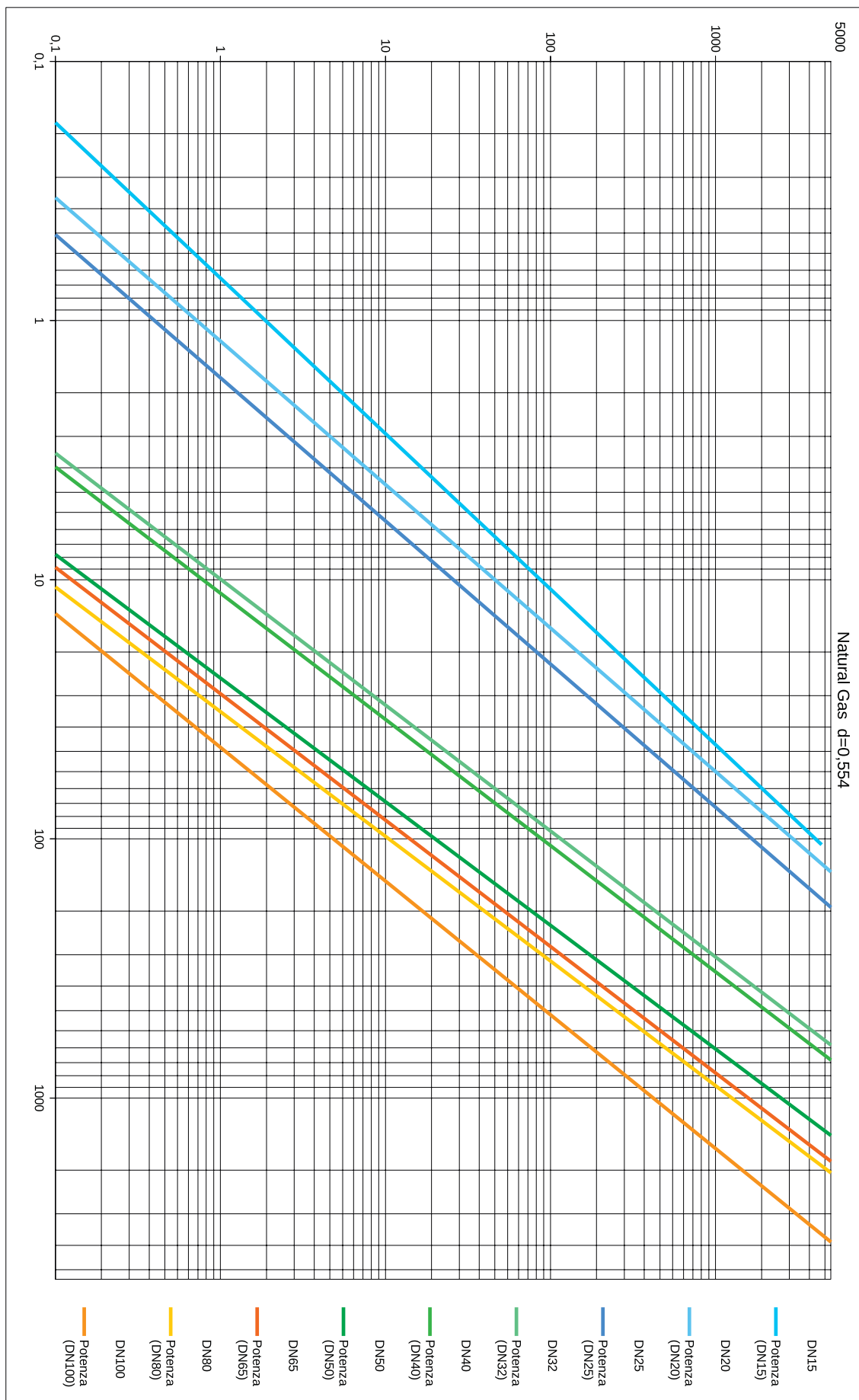


Gas Governor 5 bar - Air d=1



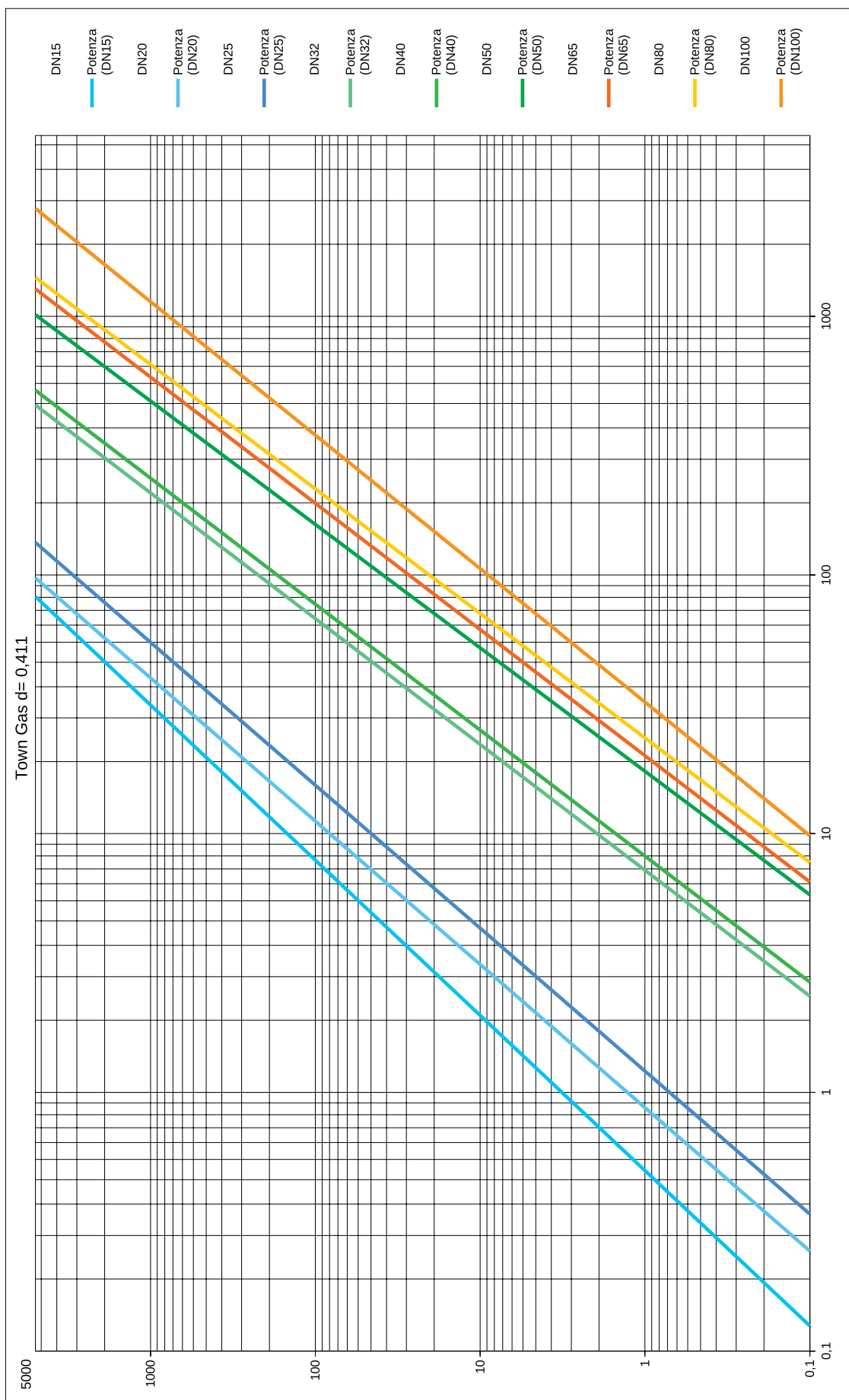
Gas Governor 5 bar - Natural Gas $d=0,554$

Pressure drops (mbar)



Gas Governor 5 bar - Town Gas d=0,411

Pressure drops (mbar)



Gas Governor 5 bar - LPG d=1,58

Pressure drops (mbar)

