

## *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

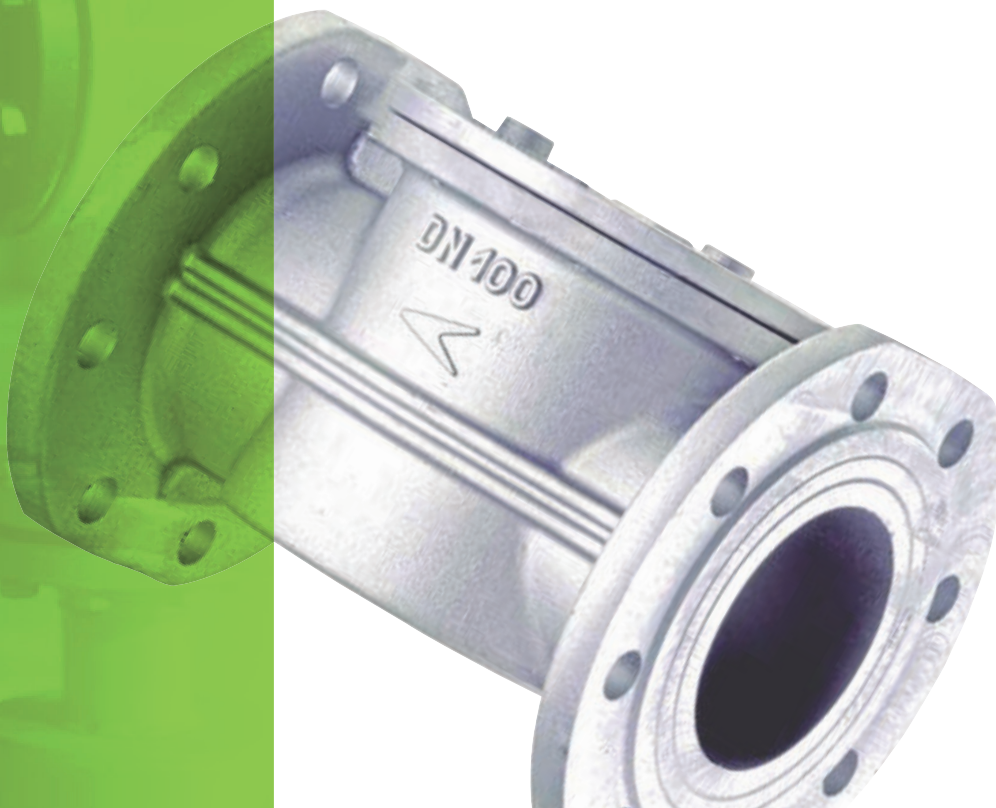
GAS FILTER 1/2", 3/4", 1" – Small capacity – Pmax 6 bar p. 102

GAS FILTER 1/2", 3/4", 1" – Pmax 6 bar p. 104

GAS FILTER 1 1/4", 1 1/2" and 2" – Pmax 6 bar p. 106

GAS FILTER DN65 – DN80 – DN100 – Pmax 6 bar p. 108

GAS FILTER DN125 – DN150 – Pmax 6 bar p. 110



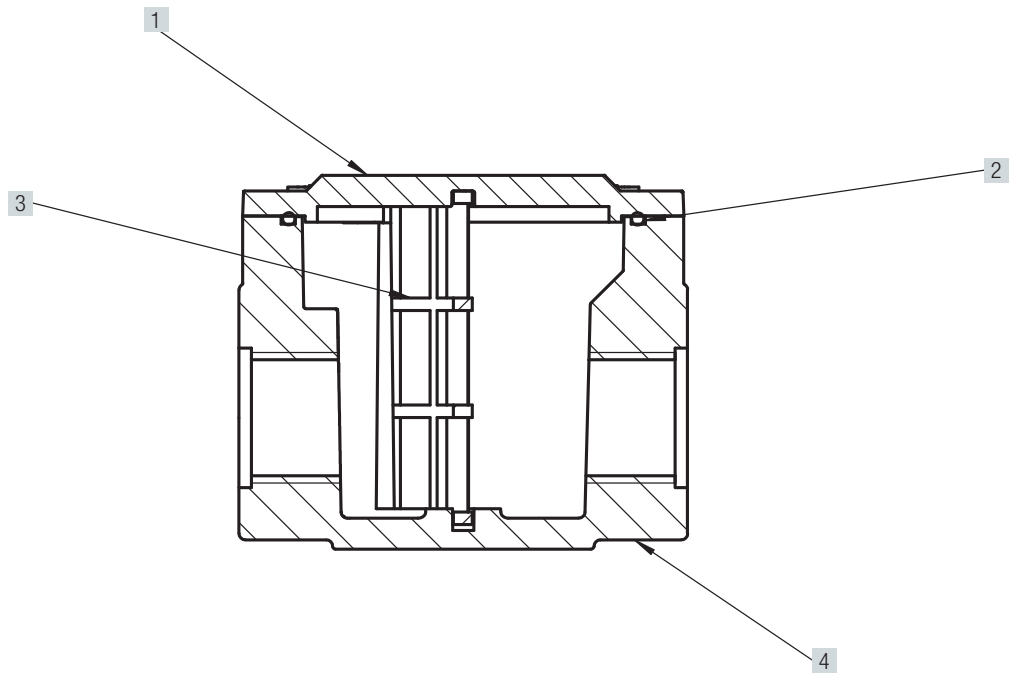
**GAS FILTER ½", ¾", 1" – Small capacity – Pmax 6 bar**



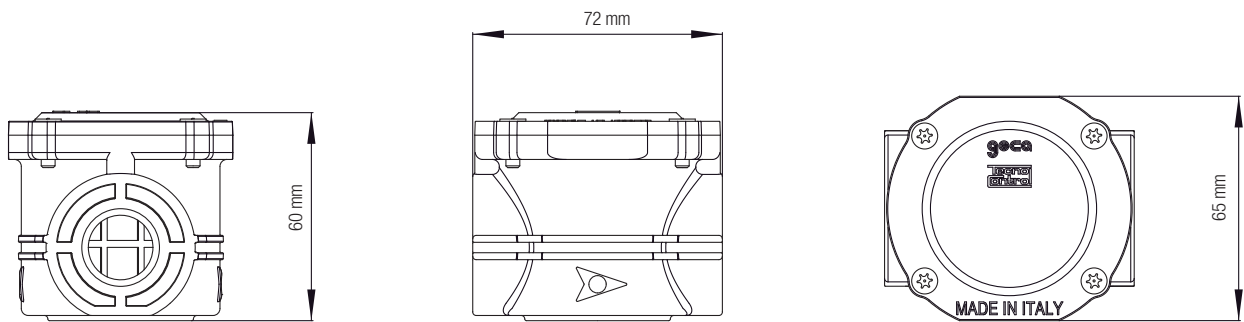
Code	Description	Dimension	Pmax
<b>GF015SC</b>	Gas filter small capacity	½"	6 bar
<b>GF020SC</b>	Gas filter small capacity	¾"	6 bar
<b>GF025SC</b>	Gas filter small capacity	1"	6 bar

**TECHNICAL FEATURES**

<b>Operation maximum pressure</b>	6 bar / available version 10 bar
<b>Working Temperature</b>	- 20 °C – + 60 °C
<b>Filtration</b>	≤ 50 Micron
<b>Use</b>	Non – aggressive gases – Family 1 – 2 – 3 and air
<b>Cartridge element</b>	Plastic cartridge PP
<b>Connection</b>	½" – ¾" – 1" Wall boiler – ISO 228
<b>Complete Body</b>	Die – Cast Aluminium Gd – AlSi12Cu – EN AB 46100
<b>Seals</b>	NBR
<b>Approval</b>	PED / EAC



- 1** Cover
- 2** Seal O ring
- 3** Filter cartridge
- 4** Body



Dimension	½"	¾"	1"
WEIGHT (kgs)	0,221	0,212	0,199

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



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 / EAC

**Optional:**

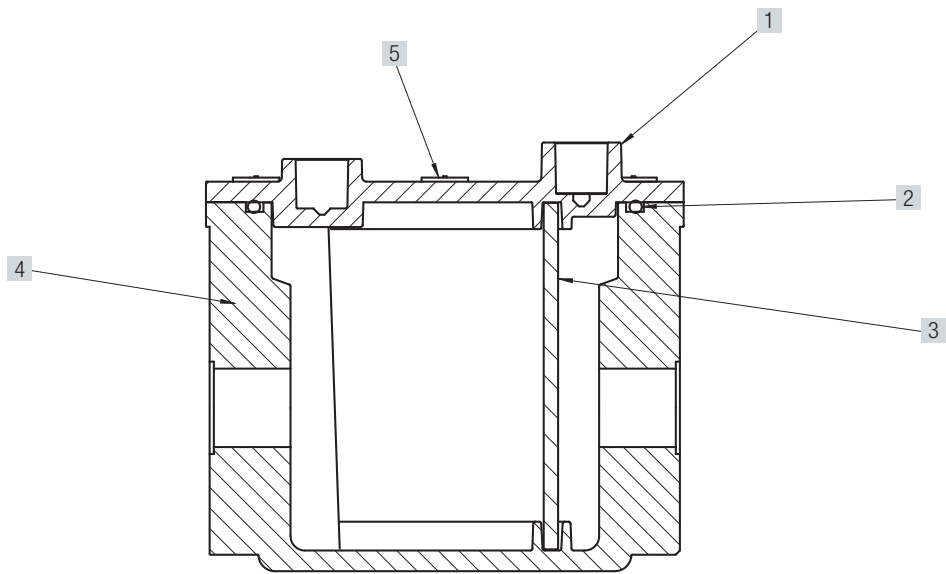
- Test point – NPT 1/4"

- Screw – NPT 1/4"

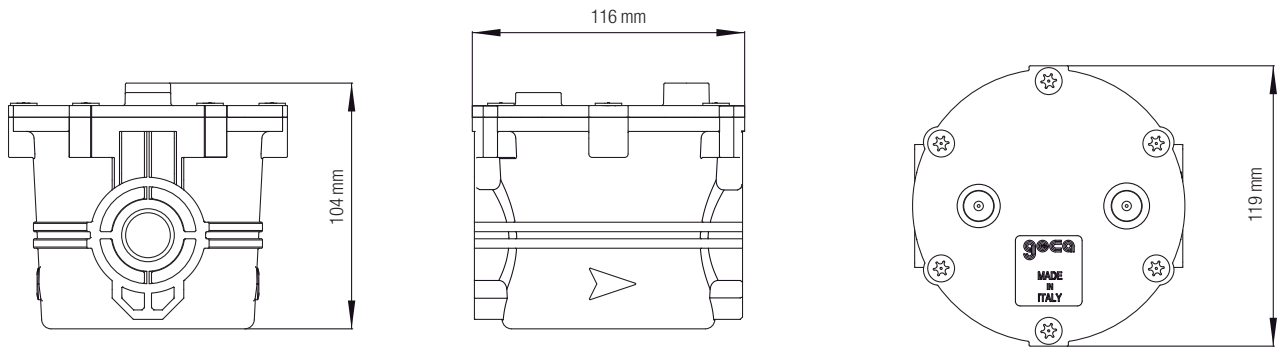
- Peters plug

- Manometer

- DP clogging indicator



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



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



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 – AlSi12Cu - EN AB 46100

**Seals** NBR

**Approval** PED / EAC

**Optional:**

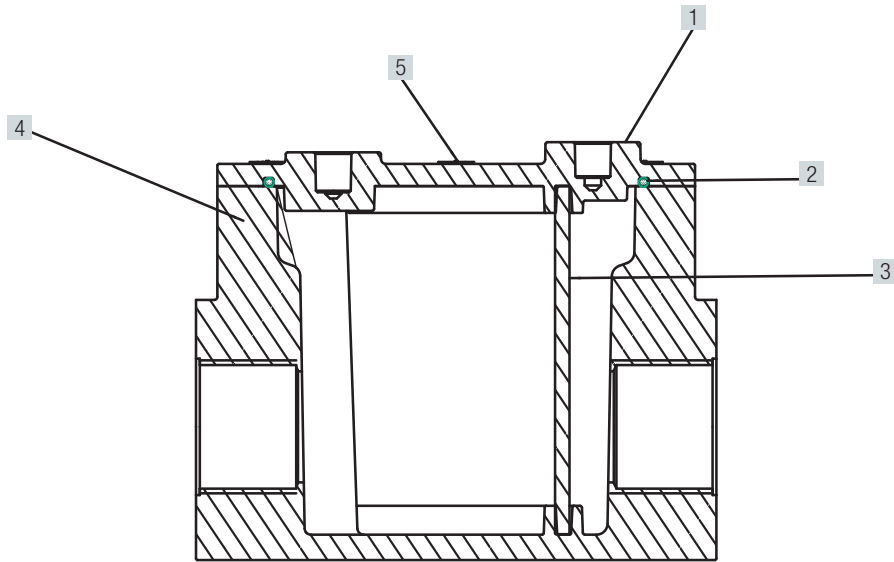
- Test point – NPT ¼"

- Screw – NPT ¼"

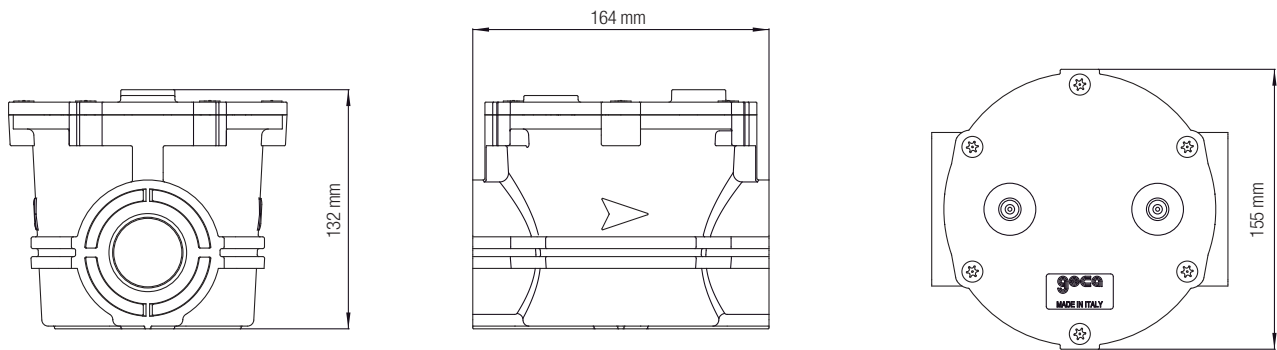
- Peters plug

- Manometer

- DP clogging indicator



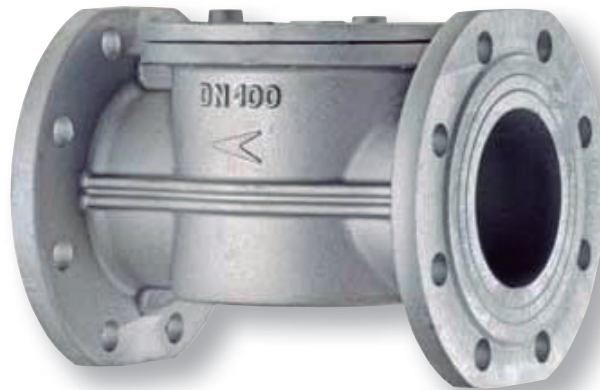
- 1** Test point connection
- 2** Seal O ring
- 3** Filter cartridge
- 4** Body
- 5** Cover



Dimension	<b>1 ¼"</b>	<b>1 ½"</b>	<b>2"</b>
WEIGHT (kgs)	1,63	1,55	1,45



**GAS FILTER DN65 – DN80 – DN100 – Pmax 6 bar**



Code	Description	Dimension	Pmax
<b>GFD65</b>	Gas filter	DN65	6 bar
<b>GFD80</b>	Gas filter	DN80	6 bar
<b>GFD100</b>	Gas filter	DN100	6 bar

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

<b>GFD65-SP</b>	Gas filter with screw plugs	DN65	6 bar
<b>GFD80-SP</b>	Gas filter with screw plugs	DN80	6 bar
<b>GFD100-SP</b>	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** Die – Cast Aluminium Gd – AISi12Cu – ENAB46100

**Seals** NBR

**Approval** PED / EAC

**Optional:**

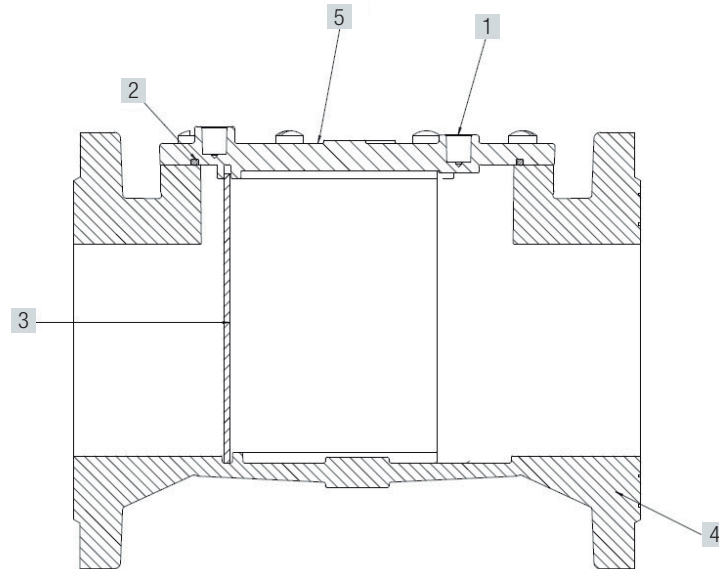
- Test point – NPT ¼”

- Screw – NPT ¼”

- Peters plug

- Manometer

- DP clogging indicator



- 1** Test point connection

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- 2** Seal O ring

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- 3** Filter cartridge

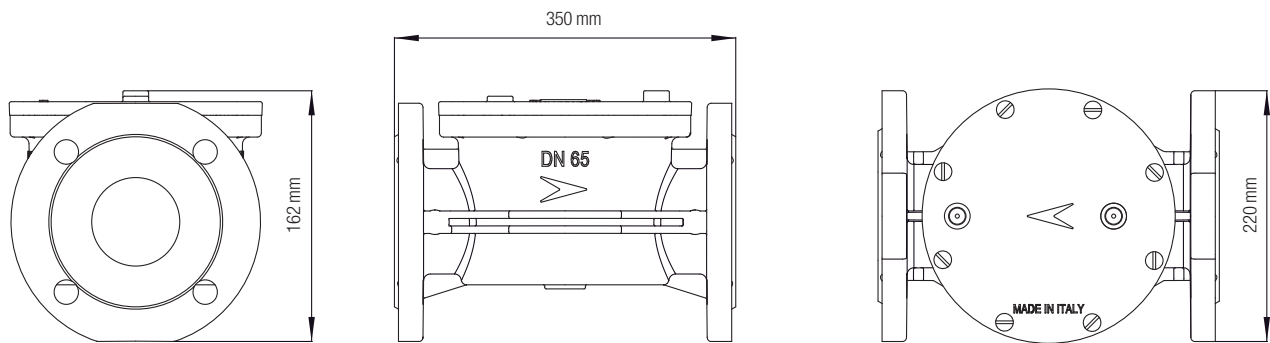
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- 4** Body

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- 5** Cover

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Dimension	DN65	DN80	DN100
WEIGHT (kgs)	7,90	7,80	6,80

**GAS FILTER DN125 – DN150 – Pmax 6 bar**



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

**Optional:**

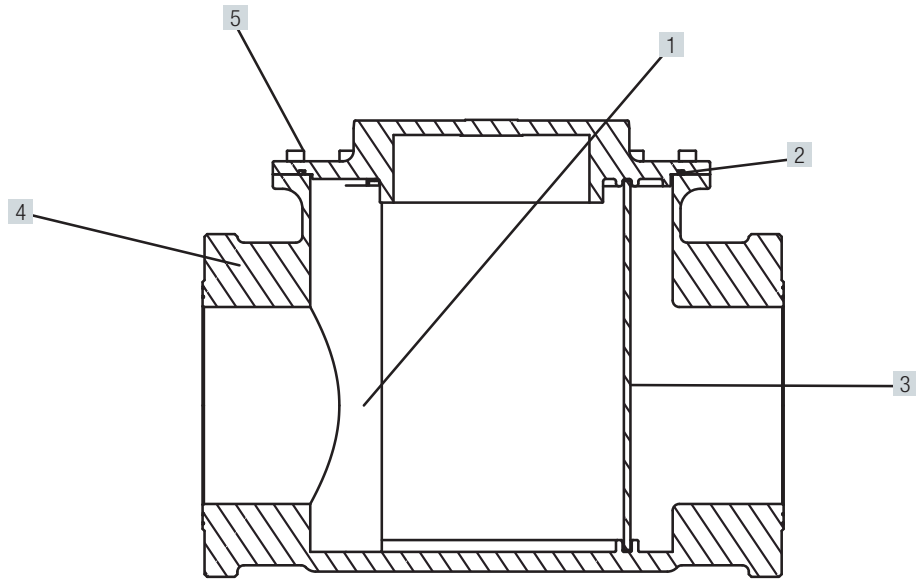
- Test point – NPT ¼”

- Screw – NPT ¼”

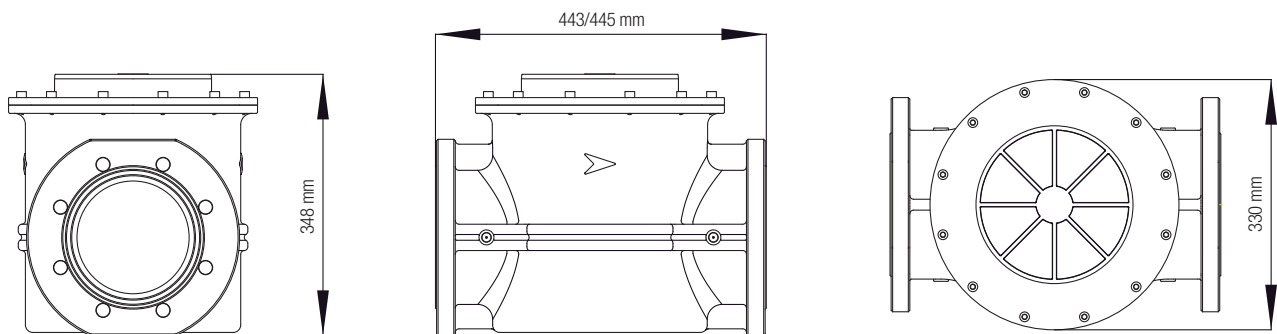
- Peters plug

- Manometer

- DP clogging indicator

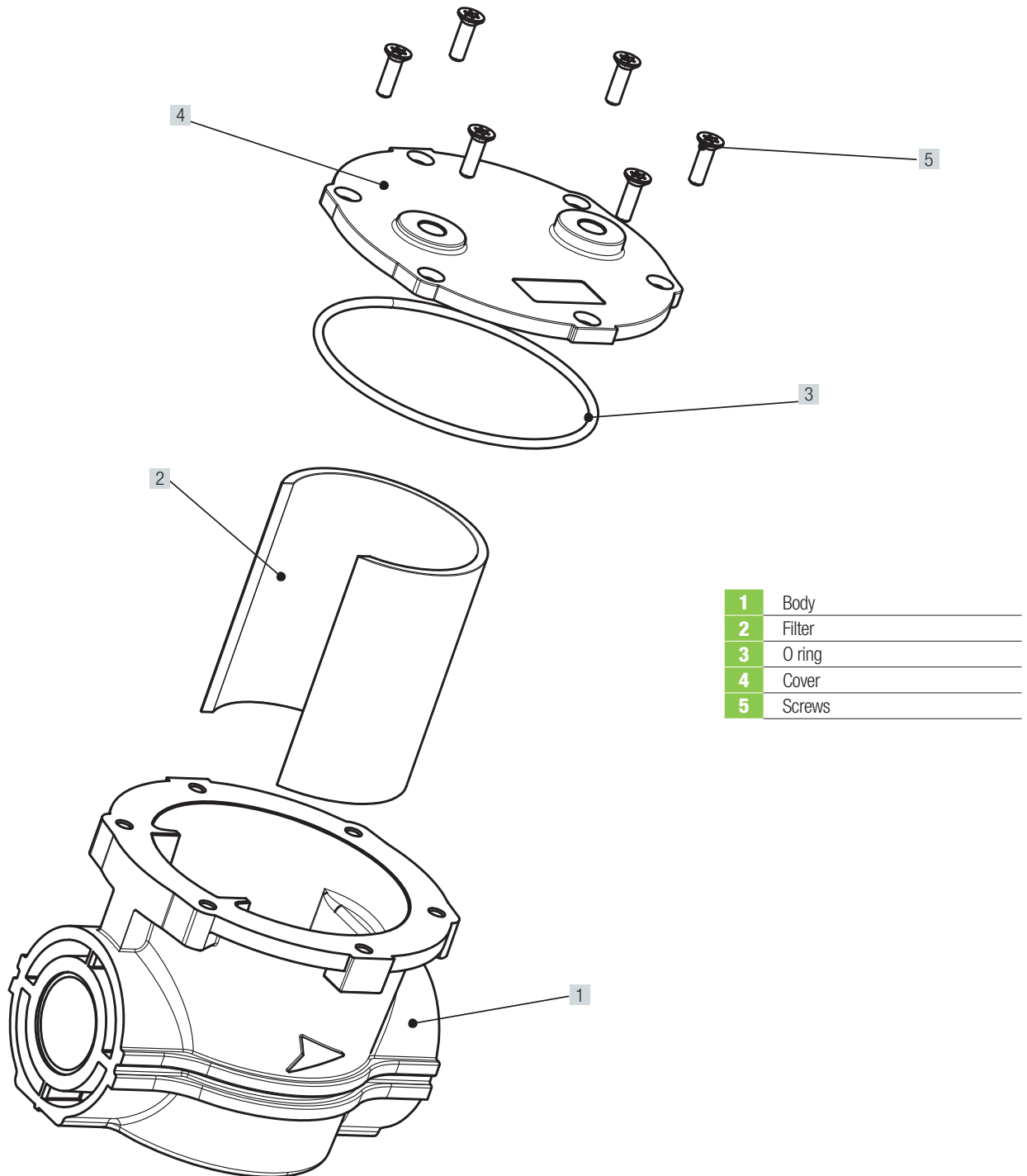


- 1** Test point connection
- 2** Seal O ring
- 3** Filter cartridge
- 4** Body
- 5** Cover



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

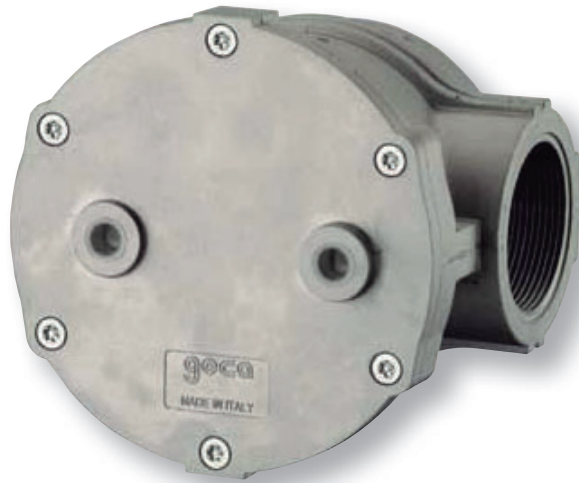
**3** DIMENSIONS:

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	8,1	1 unit
GFD100	23,5x28,5x25	7,1	1 unit
GFD125	46x36x55	21,5	1 unit
GFD150	46x36x55	23,5	1 unit

**GAS FILTER Standard version**



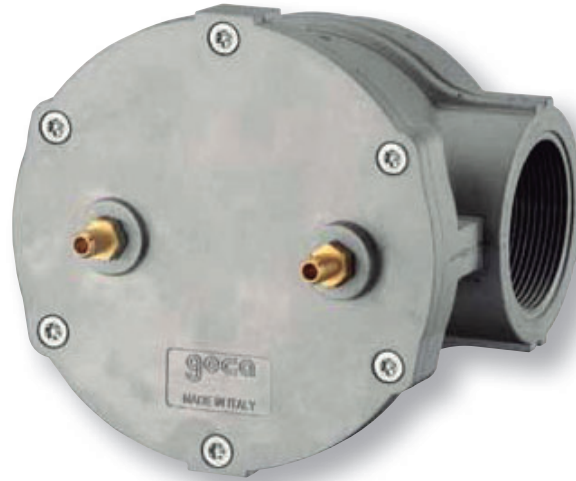
Code	Description	Dimension	Pmax
<b>GF015</b>	Gas filter	1/2"	6 bar
<b>GF020</b>	Gas filter	3/4"	6 bar
<b>GF025</b>	Gas filter	1"	6 bar
<b>GFD25</b>	Gas filter	DN25	6 bar

Code	Description	Dimension	Pmax
<b>GF032</b>	Gas filter	1 1/4"	6 bar
<b>GF040</b>	Gas filter	1 1/2"	6 bar
<b>GF050</b>	Gas filter	2"	6 bar
<b>GFD32</b>	Gas filter	DN32	6 bar
<b>GFD40</b>	Gas filter	DN40	6 bar
<b>GFD50</b>	Gas filter	DN50	6 bar

Code	Description	Dimension	Pmax
<b>GFD65</b>	Gas filter	DN65	6 bar
<b>GFD80</b>	Gas filter	DN80	6 bar
<b>GFD100</b>	Gas filter	DN100	6 bar

Code	Description	Dimension	Pmax
<b>GFD125</b>	Gas filter	DN125	6 bar
<b>GFD150</b>	Gas filter	DN150	6 bar

## GAS FILTER Test Point Inlet / Outlet version - TPIO



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

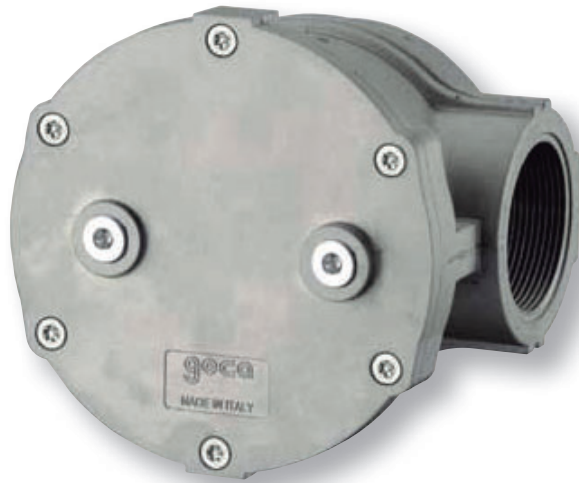
Code	Description	Dimension	Pmax
<b>GF032-TPIO</b>	Gas filter with test point in/out	1 ¼"	6 bar
<b>GF040-TPIO</b>	Gas filter with test point in/out	1 ½"	6 bar
<b>GF050-TPIO</b>	Gas filter with test point in/out	2"	6 bar
<b>GFD32-TPIO</b>	Gas filter with test point in/out	DN32	6 bar
<b>GFD40-TPIO</b>	Gas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

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

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



**GAS FILTER Screw plugs version - SP**



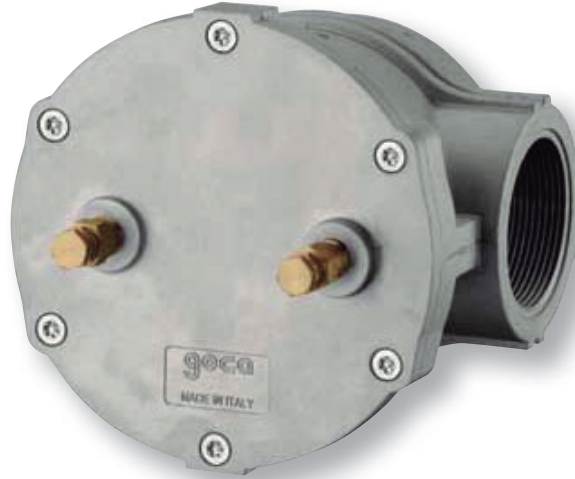
Code	Description	Dimension	Pmax
<b>GF015-SP</b>	Gas filter with screw plugs	1/2"	6 bar
<b>GF020-SP</b>	Gas filter with screw plugs	3/4"	6 bar
<b>GF025-SP</b>	Gas filter with screw plugs	1"	6 bar
<b>GF025-SP</b>	Gas filter with screw plugs	DN25	6 bar

Code	Description	Dimension	Pmax
<b>GF032-SP</b>	Gas filter with screw plugs	1 1/4"	6 bar
<b>GF040-SP</b>	Gas filter with screw plugs	1 1/2"	6 bar
<b>GF050-SP</b>	Gas filter with screw plugs	2"	6 bar
<b>GFD32-SP</b>	Gas filter with screw plugs	DN32	6 bar
<b>GFD40-SP</b>	Gas filter with screw plugs	DN40	6 bar
<b>GFD50-SP</b>	Gas filter with screw plugs	DN50	6 bar

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

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

## GAS FILTER Peterson plugs version - PP



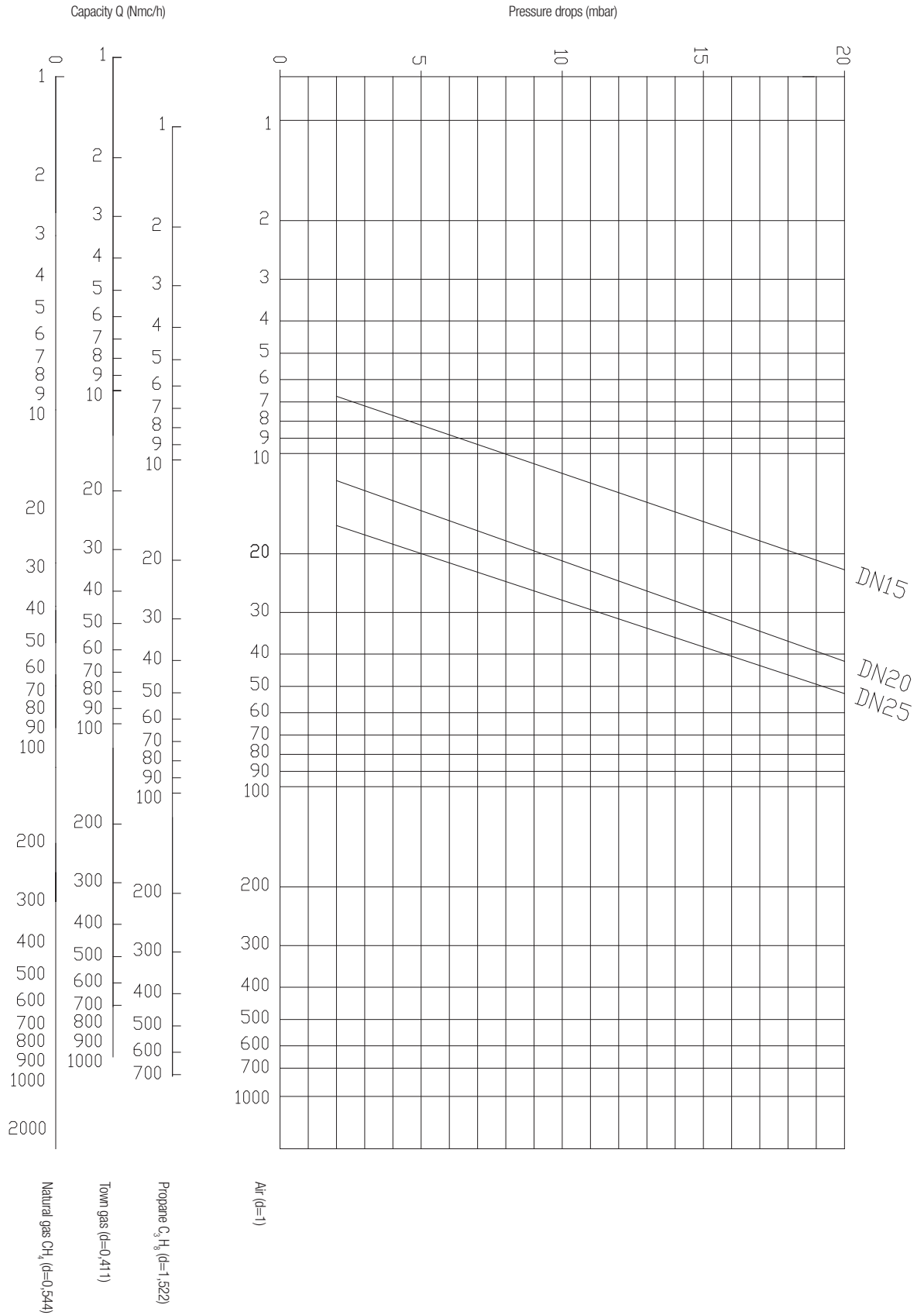
Code	Description	Dimension	Pmax
<b>GF015-PP</b>	Gas filter with Peterson Plug	½"	6 bar
<b>GF020-PP</b>	Gas filter with Peterson Plug	¾"	6 bar
<b>GF025-PP</b>	Gas filter with Peterson Plug	1"	6 bar
<b>GF025-PP</b>	Gas filter with Peterson Plug	DN25	6 bar

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

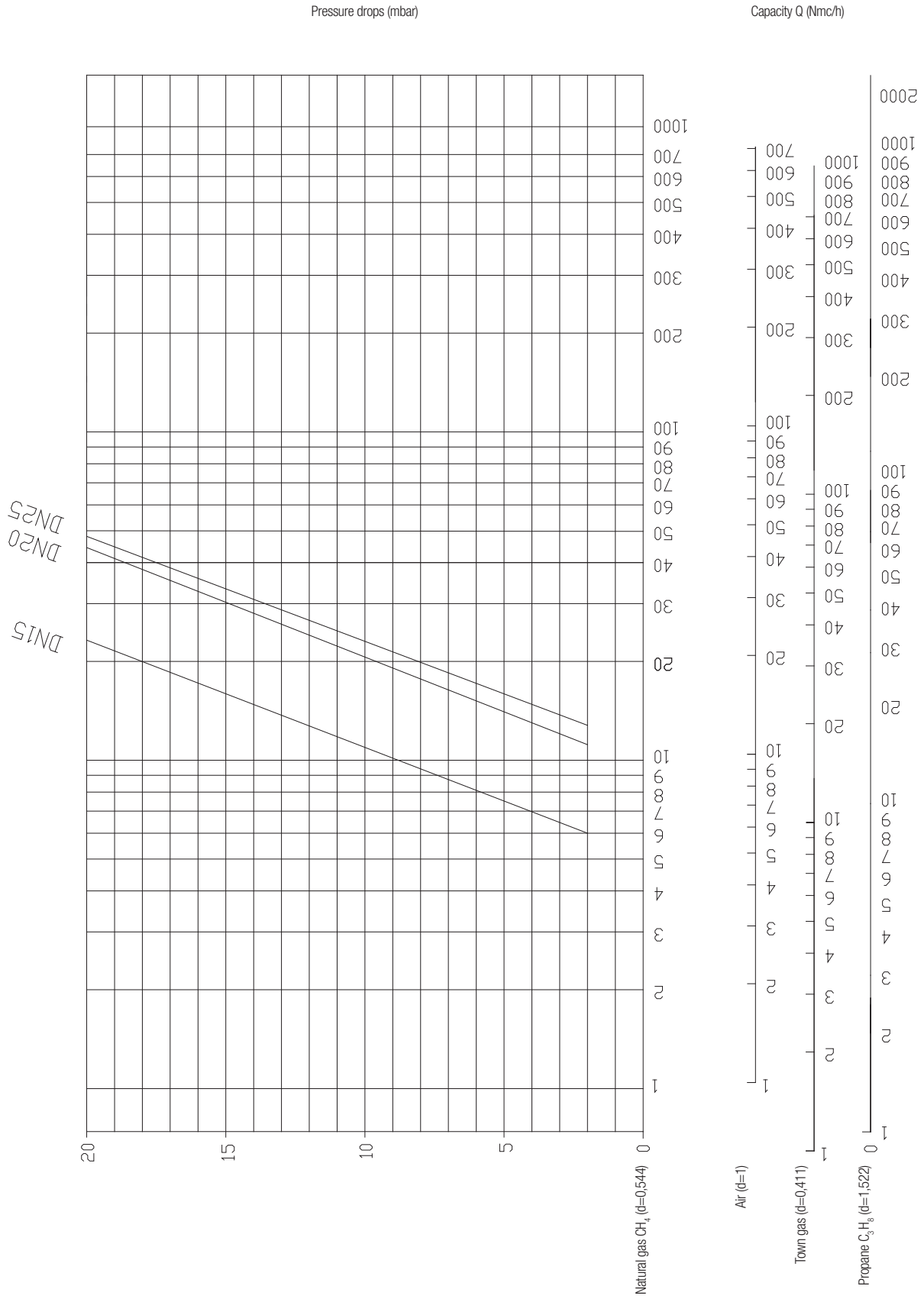
Code	Description	Dimension	Pmax
<b>GFD65-PP</b>	Gas filter with Peterson Plug	DN65	6 bar
<b>GFD80-PP</b>	Gas filter with Peterson Plug	DN80	6 bar
<b>GFD100-PP</b>	Gas filter with Peterson Plug	DN100	6 bar

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

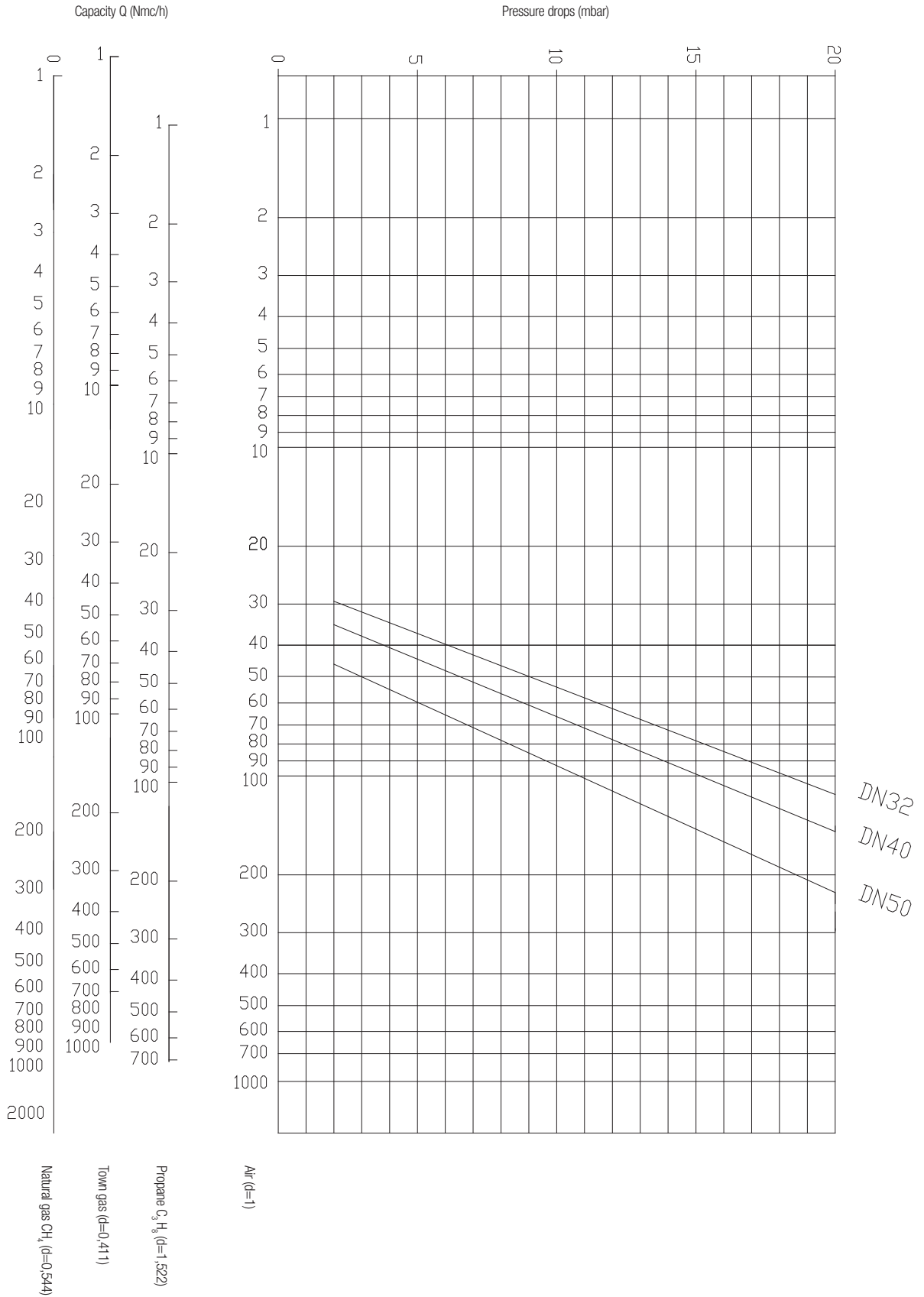
**GAS FILTER SC 1/2", 3/4", 1"**



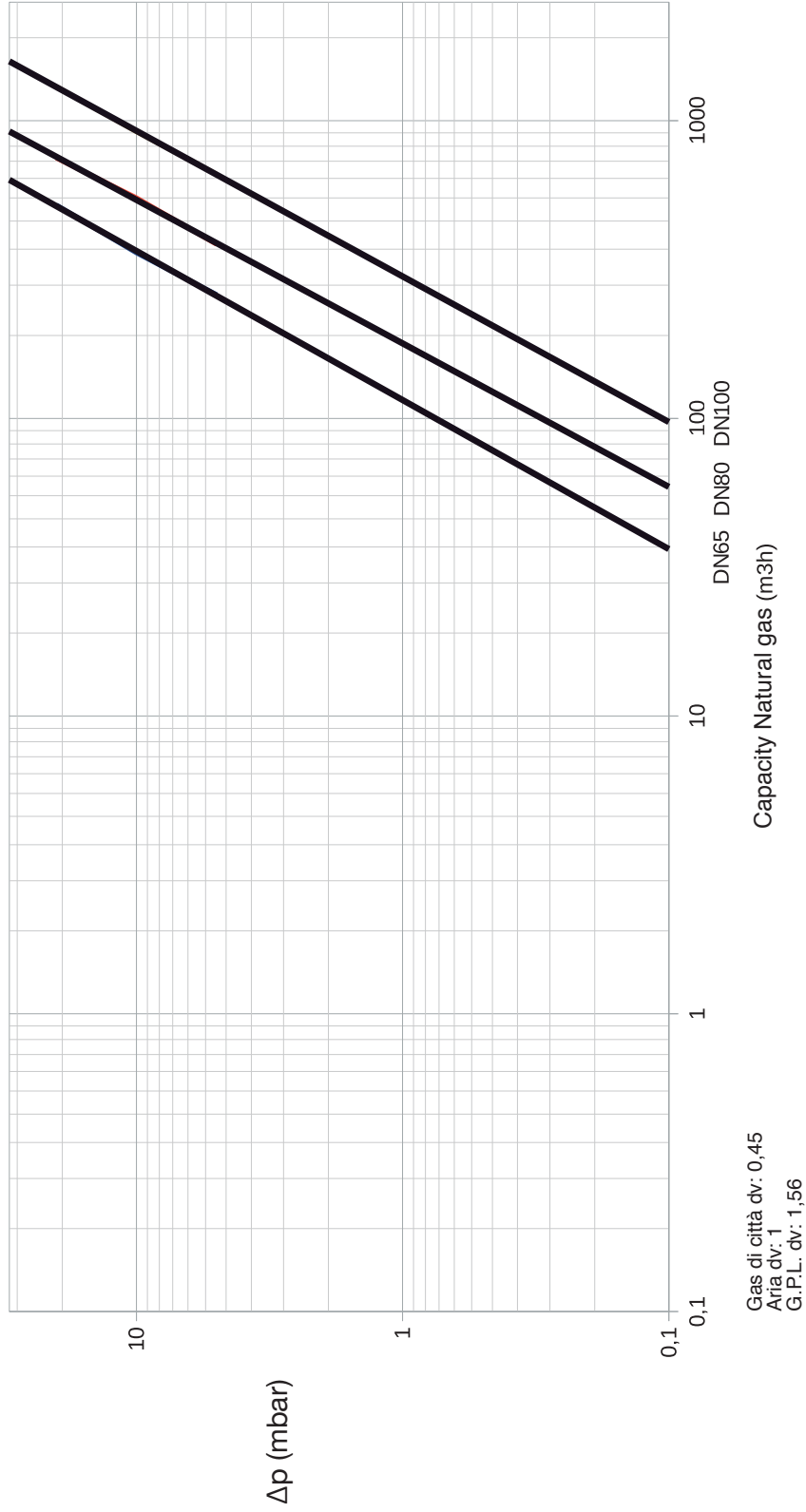
# GAS FILTER 1/2", 3/4", 1"



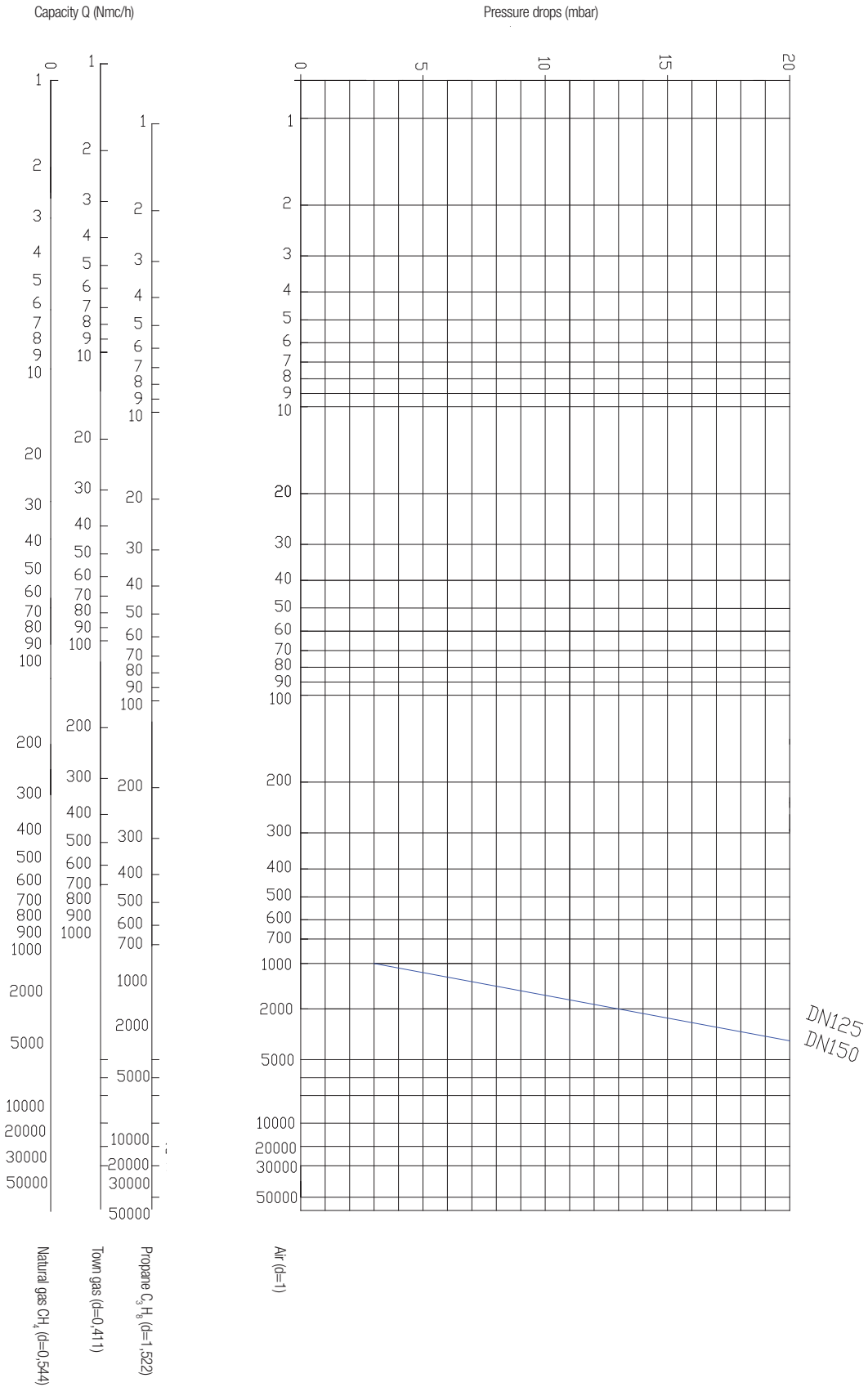
**GAS FILTER 1 ¼", 1 ½", 2"**



# GAS FILTER DN65, DN80, DN100



**GAS FILTER DN125 -DN150**



## DP CLOGGING INDICATOR



### DP CLOGGING INDICATOR

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

### DP CLOGGING INDICATOR with reed switch.

Code	Description	Connection	Range
<b>DPI-150-RS</b>	Aluminium body - PN20	¼"	0 – 150 mbar
<b>DPI-300-RS</b>	Aluminium body - PN20	¼"	0 – 300 mbar
<b>DPI-600-RS</b>	Aluminium body – PN20	¼"	0 – 600 mbar
<b>DPI-1000-RS</b>	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
<b>FC – 1</b>	Filter cartridge 50 µm	GF015SC - GF020SC - GF025SC
<b>FC – 2</b>	Filter cartridge 50µm	GF015 - GF020 - GF025 –GFD25
<b>FC – 3</b>	Filter cartridge 50 µm	GF032 - GF040 - GF050 –GFD version
<b>FC – 4</b>	Filter cartridge 50 µm	GFD65 – GFD80
<b>FC – 5</b>	Filter cartridge 50 µm	GFD100
<b>FC – 6</b>	Filter cartridge 50 µm	GFD125 – GFD150