

Ballorex Venturi



Description

The Ballorex Venturi is a range of manual balancing valves used in water-based heating and cooling systems to ensure an evenly distributed flow in zones, branches, risers and terminal units. Applications are typically central, district heating or cooling systems as well as fan coil units in multi-storey and high-rise buildings.

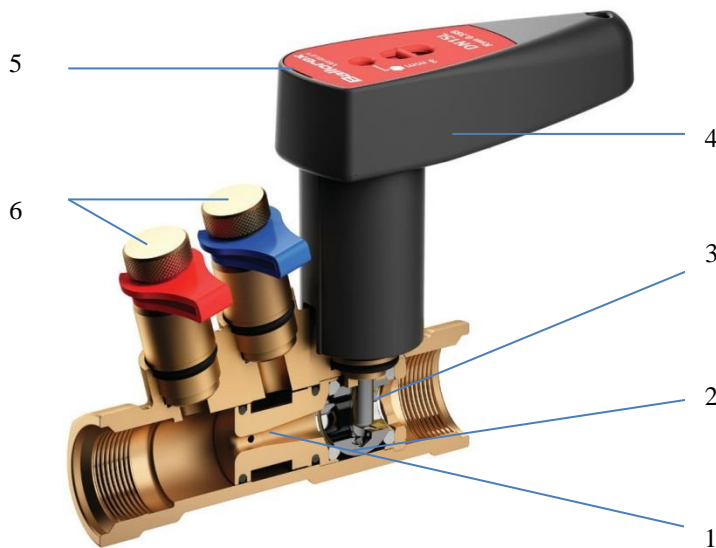
Versions

| | DN15-50 | DN65-600 |
|-----------|--------------------------------|----------|
| Dimension | DN15-50 DN65-600 | |
| Flow | L(low), S (standard), H (high) | |

Benefits

- Extensive product range from DN 15 - 600
- Constant measuring accuracy tolerances within $\pm 3\%$
- Flow verification insensitive to system debris
- One constant Kvm value indicated on valve
- Simultaneous measuring and regulation
- Fast and easy setting using an Allen key
- Setting scale precise and easy to read
- No change in setting when isolated and reopened
- Isolation simply done by a quarter turn of the valve handle
- Easy identification of open or isolated position
- No need for straight piping when installed
- Installation directly onto bends, reducers and flexible hoses
- Installation possible in all positions
- Prefabricated insulation fast and easy to apply
- Insulation possible before commissioning.

Conception



- 1-Venturi nozzle
- 2-Ball for isolation
- 3-Regulating needle
- 4-Handle to shut off valve
- 5-Operation of regulation needle
- 6-Measuring points for flow meter connection



- 1-Setting wheel
- 2-Setting scale with memory stop
- 3-Gearbox
- 4-Butterfly valve
- 5-Measuring points
- 6-Venturi nozzle

Materials **(DN 15-50)**

| | |
|-----------------|---|
| Body | DR Brass CW602N |
| Ball and needle | DR Brass CW602N (chrome plated) |
| Valve handle | Polyamide |
| Sealings | O-rings EPDM/Gaskets PTFE/Test point sealing EPDM |

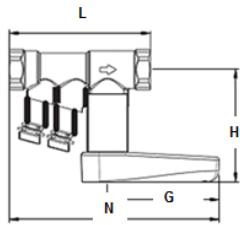
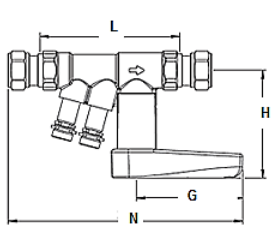
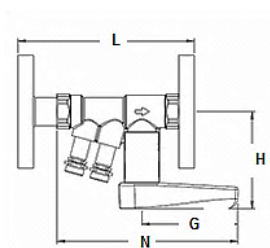
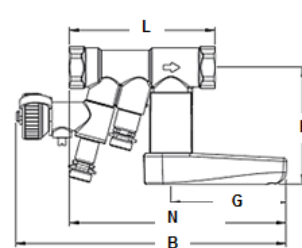
(DN 65-600)

| | |
|----------------------|-------------------------|
| Disc | Stainless steel |
| Shaft | Stainless steel |
| Test points | DR Brass CW602N |
| Valve pipe | Carbon steel |
| Butterfly valve body | Cast iron, fully lugged |
| Sealings | EPDM and NBR |

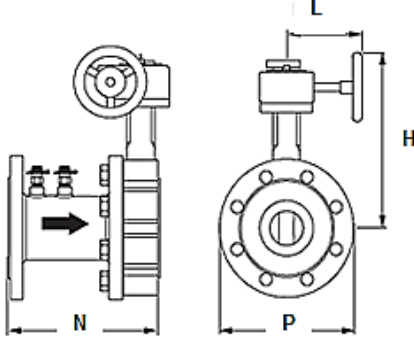
Specifications

| | |
|----------------------|--|
| Heating water system | |
| Max. pressure | 25 bar |
| Max. temperature | 120°C (135°C with high temperature measuring points) |
| Min temperature | -20°C |
| Press ends | 16 bar |



Dimensions (DN 15-50)

| | DN | L | H | G | N | B |
|--|-------|-----|-----|-----|-----|-----|
|  Female | DN 15 | 94 | 76 | 75 | 140 | |
| | DN 20 | 100 | 79 | 75 | 144 | |
| | DN 25 | 112 | 83 | 75 | 150 | |
| | DN 32 | 130 | 109 | 122 | 208 | |
| | DN 40 | 140 | 113 | 122 | 213 | |
| | DN 50 | 156 | 120 | 122 | 221 | |
|  Compression | DN 15 | 99 | 76 | 75 | 164 | |
| | DN 20 | 105 | 79 | 75 | 170 | |
| | DN 25 | 118 | 83 | 75 | 177 | |
| | DN 32 | 135 | 109 | 122 | 253 | |
| | DN 40 | 149 | 113 | 122 | 253 | |
| | DN 50 | 167 | 120 | 122 | 265 | |
|  With flange | DN 15 | 94 | 76 | 75 | 140 | |
| | DN 20 | 155 | 79 | 75 | 144 | |
| | DN 25 | 167 | 83 | 75 | 150 | |
| | DN 32 | 195 | 109 | 122 | 208 | |
| | DN 40 | 215 | 113 | 122 | 213 | |
| | DN 50 | 231 | 120 | 122 | 221 | |
|  With drain | DN 15 | 94 | 76 | 75 | 140 | 174 |
| | DN 20 | 100 | 79 | 75 | 144 | 174 |
| | DN 25 | 112 | 83 | 75 | 150 | 175 |
| | DN 32 | 130 | 109 | 112 | 208 | 228 |
| | DN 40 | 140 | 113 | 122 | 213 | 234 |
| | DN 50 | 156 | 120 | 122 | 221 | 238 |

(DN 65-600)

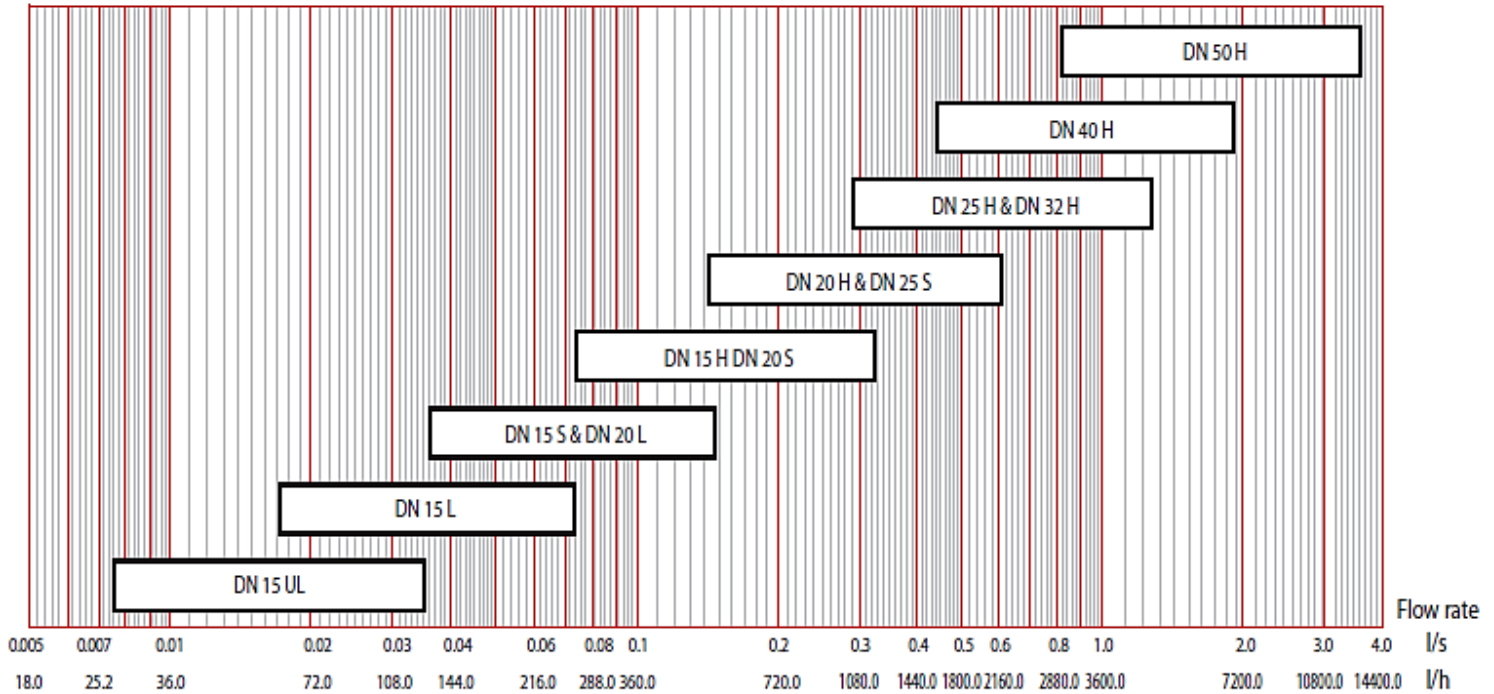
| | DN | L | H | P | N |
|---|--------|-------|-----|-----|-------|
|  | DN 65 | 150 | 285 | 185 | 182 |
| | DN 80 | 160 | 295 | 200 | 249 |
| | DN 100 | 160 | 310 | 220 | 325 |
| | DN 125 | 180 | 325 | 250 | 341 |
| | DN 150 | 180 | 340 | 285 | 354 |
| | DN 200 | 180 | 430 | 340 | 378 |
| | DN 250 | 180 | 465 | 405 | 411 |
| | DN 300 | 180 | 535 | 460 | 465 |
| | DN 350 | 241.5 | 557 | 520 | 552 |
| | DN 400 | 340 | 666 | 580 | 570.5 |
| | DN 450 | 340 | 691 | 640 | 680 |
| | DN 500 | 640 | 751 | 715 | 751 |
| | DN 600 | 476 | 938 | 840 | 878 |

Product line

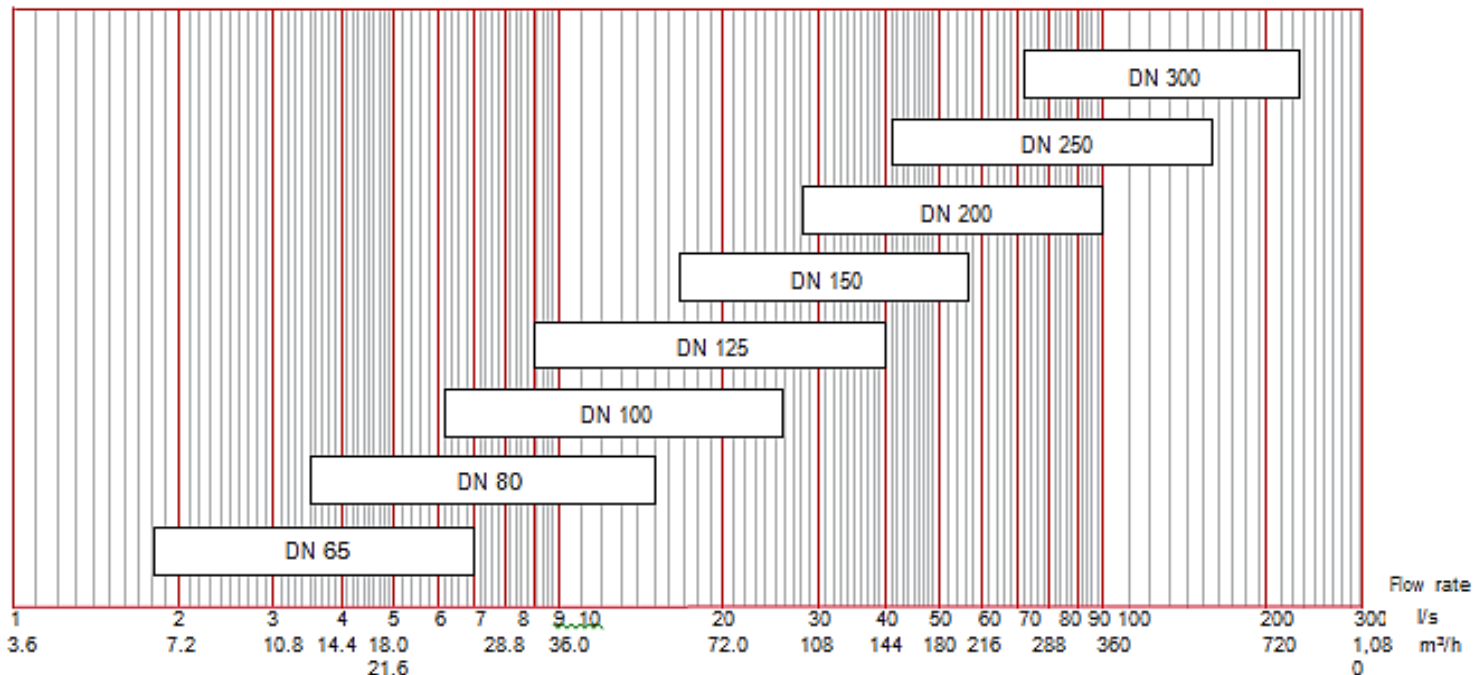
| Photo | Size | Dimension | Kvs m ³ /h | Kvm m ³ /h | Code |
|---|--------|-----------|-----------------------|-----------------------|-----------------|
|  Female | 1/2" | DN 15U | 0.23 | 0.163 | 4350000U-001003 |
| | 1/2" | DN 15L | 0.63 | 0.359 | 4350000L-001003 |
| | 1/2" | DN 15S | 1.62 | 0.746 | 4350000S-001003 |
| | 1/2" | DN 15H | 2.49 | 1.56 | 4350000H-001003 |
| | 3/4" | DN 20L | 1.43 | 0.746 | 4450000L-001003 |
| | 3/4" | DN 20S | 2.82 | 1.56 | 4450000S-001003 |
| | 3/4" | DN 20H | 5.72 | 2.95 | 4450000H-001003 |
| | 1" | DN 25S | 7.54 | 2.95 | 4550000S-001003 |
| | 1" | DN 25H | 12.1 | 6.01 | 4550000H-001003 |
| | 1 1/4" | DN 32H | 13.2 | 6.01 | 4650000H-001003 |
| | 1 1/2" | DN 40H | 22.0 | 9.20 | 4750000H-001003 |
| | 2" | DN 50H | 36.0 | 17.1 | 4850000H-001003 |
|  With drain | 1/2" | DN 15U | 0.23 | 0.163 | 4355000U-001003 |
| | 1/2" | DN 15L | 0.63 | 0.359 | 4355000L-001003 |
| | 1/2" | DN 15S | 1.62 | 0.746 | 4355000S-001003 |
| | 1/2" | DN 15H | 2.49 | 1.56 | 4355000H-001003 |
| | 3/4" | DN 20L | 1.43 | 0.746 | 4455000L-001003 |
| | 3/4" | DN 20S | 2.82 | 1.56 | 4455000S-001003 |
| | 3/4" | DN 20H | 5.72 | 2.95 | 4455000H-001003 |
| | 1" | DN 25S | 7.54 | 2.95 | 4555000S-001003 |
| | 1" | DN 25H | 12.1 | 6.01 | 4555000H-001003 |
| | 1 1/4" | DN 32H | 13.2 | 6.01 | 4655000H-001003 |
| | 1 1/2" | DN 40H | 22.0 | 9.20 | 4755000H-001003 |
| | 2" | DN 50H | 36.0 | 17.1 | 4855000H-001003 |

| | | | | | |
|--|--------|---------|------|-------|-----------------|
|  <p>Compression</p> | 1/2" | DN 15UL | 0.23 | 0.163 | 4350100U-001063 |
| | 1/2" | DN 15L | 0.63 | 0.359 | 4350100L-001063 |
| | 1/2" | DN 15S | 1.62 | 0.746 | 4350100S-001063 |
| | 1/2" | DN 15H | 2.49 | 1.56 | 4350100H-001063 |
| | 3/4" | DN 20L | 1.43 | 0.746 | 4450100L-001063 |
| | 3/4" | DN 20S | 2.82 | 1.56 | 4450100S-001063 |
| | 3/4" | DN 20H | 5.72 | 2.95 | 4450100H-001063 |
| | 1" | DN 25S | 7.54 | 2.95 | 4550100S-001063 |
| | 1" | DN 25H | 12.1 | 6.01 | 4550100H-001063 |
| | 1 1/4" | DN 32H | 13.2 | 6.01 | 4650100H-001063 |
| | 1 1/2" | DN 40H | 22.0 | 9.20 | 4750100H-001063 |
| | 2" | DN 50H | 36.0 | 17.1 | 4850100H-001063 |
|  <p>With flange</p> | 1/2" | DN 15U | 0.23 | 0.163 | 4353000U-001685 |
| | 1/2" | DN 15L | 0.63 | 0.359 | 4353000L-001685 |
| | 1/2" | DN 15S | 1.62 | 0.746 | 4353000S-001685 |
| | 1/2" | DN 15H | 2.49 | 1.56 | 4353000H-001685 |
| | 3/4" | DN 20L | 1.43 | 0.746 | 4453000L-001685 |
| | 3/4" | DN 20S | 2.82 | 1.56 | 4453000S-001685 |
| | 3/4" | DN 20H | 5.72 | 2.95 | 4453000H-001685 |
| | 1" | DN 25S | 7.54 | 2.95 | 4553000S-001685 |
| | 1" | DN 25H | 12.1 | 6.01 | 4553000H-001685 |
| | 1 1/4" | DN 32H | 13.2 | 6.01 | 4653000H-001685 |
| | 1 1/2" | DN 40H | 22.0 | 9.20 | 4753000H-001685 |
| | 2" | DN 50H | 36.0 | 17.1 | 4853000H-001685 |
|  | 2 1/2" | DN 65 | 78.2 | 37.4 | 3937000-680009 |
| | 3" | DN 80 | 169 | 72.9 | 3937600-680009 |
| | 4" | DN 100 | 360 | 129 | 3938200-680009 |
| | 5" | DN 125 | 502 | 190 | 3938800-680009 |
| | 6" | DN 150 | 1010 | 348 | 3939400-680009 |
| | 8" | DN 200 | 1910 | 586 | 3940000-680009 |
| | 10" | DN 250 | 2540 | 861 | 3940600-680009 |
| | 12" | DN 300 | 4850 | 1513 | 3941200-680009 |
| | 14" | DN 350 | * | 2620 | 3941800-680009 |
| | 16" | DN 400 | * | 3370 | 3942400-680009 |
| | 18" | DN 450 | * | 4170 | 3943000-621009 |
| | 20" | DN 500 | * | 5040 | 3943600-621009 |
| | 24" | DN 600 | * | 6920 | 3944200-621009 |

Quick selection chart



| Flow range | | Kvs m³/h | Dimension |
|--------------|------------|----------|-----------|
| l/s | l/h | | |
| 0.0076-0.035 | 27-126 | 0.23 | DN 15UL |
| 0.0172-0.074 | 62-266 | 0.63 | DN 15L |
| 0.036-0.148 | 130-530 | 1.62 | DN 15S |
| 0.074-0.325 | 267-1170 | 2.49 | DN 15H |
| 0.036-0.148 | 130-530 | 1.43 | DN 20L |
| 0.074-0.325 | 267-1170 | 2.82 | DN 20S |
| 0.142-0.603 | 511-2170 | 5.72 | DN 20H |
| 0.142-0.603 | 511-2170 | 7.54 | DN 25S |
| 0.29-1.25 | 1040-4500 | 12.1 | DN 25H |
| 0.29-1.25 | 1040-4500 | 13.2 | DN 32H |
| 0.44-1.88 | 1580-6760 | 22.0 | DN 40H |
| 0.82-3.51 | 2950-12630 | 36.0 | DN 50H |

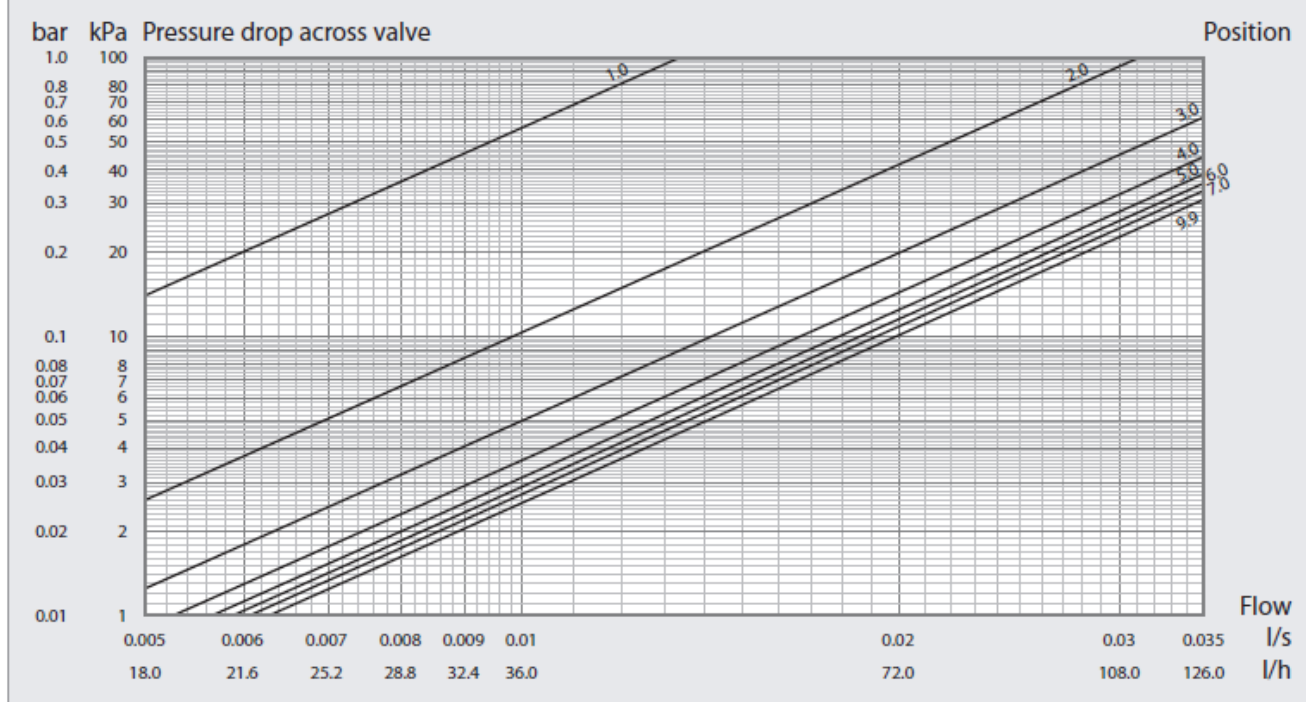


| Flow range | | Kvs m³/h | Dimension |
|------------|-----------|----------|-----------|
| l/s | m³/h | | |
| 1.80-7.00 | 6.48-25.2 | 78.2 | DN 65 |
| 3.50-15.0 | 12.6-54.0 | 169 | DN 80 |
| 6.20-26.0 | 22.3-93.6 | 360 | DN 100 |
| 9.00-40.0 | 32.4-144 | 502 | DN 125 |
| 16.8-57.0 | 60.5-205 | 1010 | DN 150 |
| 28.0-100 | 101-360 | 1910 | DN 200 |
| 41.0-157 | 148-565 | 2540 | DN 250 |
| 72.0-226 | 259-814 | 4850 | DN 300 |
| 126-304 | 454-1093 | * | DN 350 |
| 162-394 | 583-1420 | * | DN 400 |
| 201-493 | 723-1780 | * | DN 450 |
| 242-602 | 873-2170 | * | DN 500 |
| 333-846 | 1200-3040 | * | DN 600 |

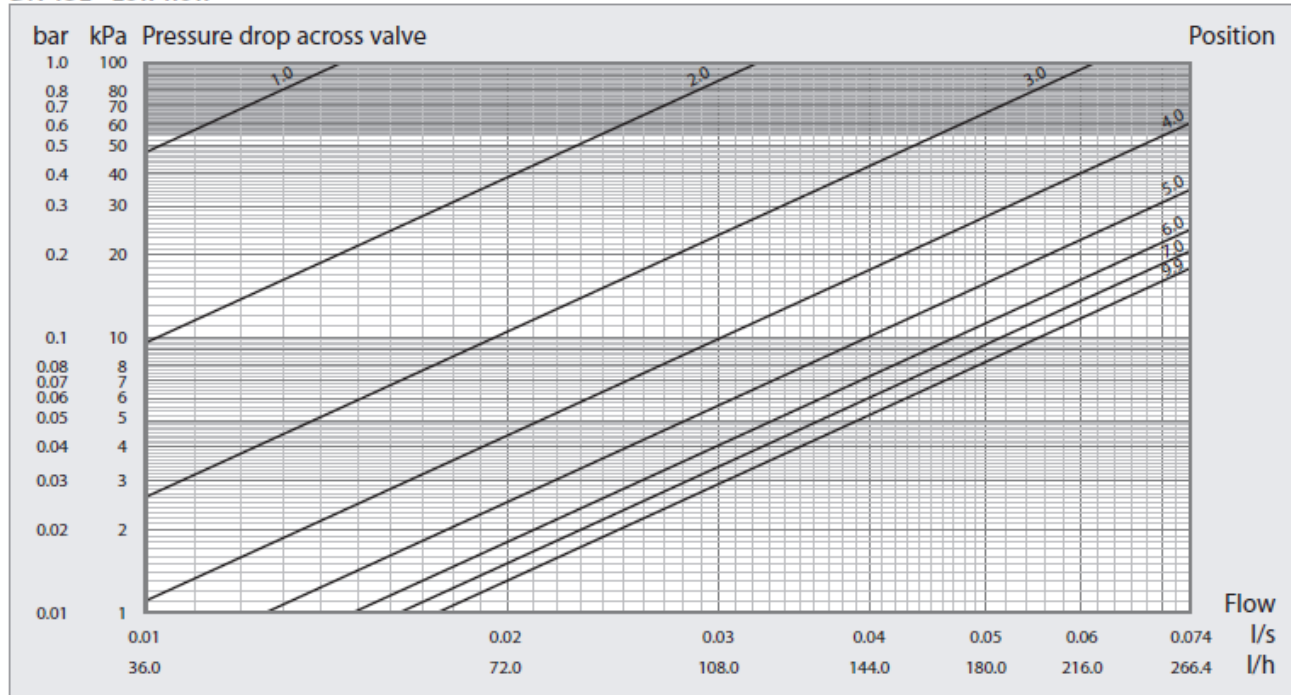
DN 15-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve.

DN 15UL - Ultra low flow

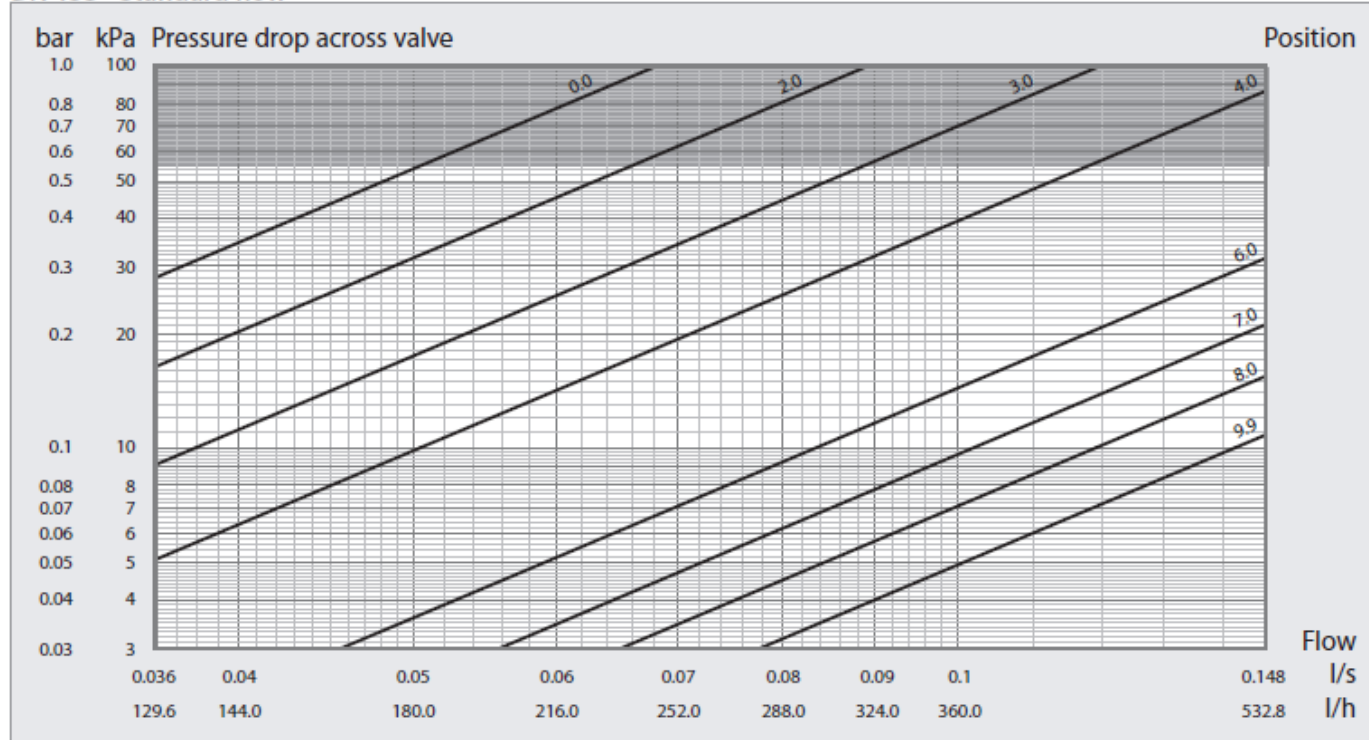


DN 15L - Low flow

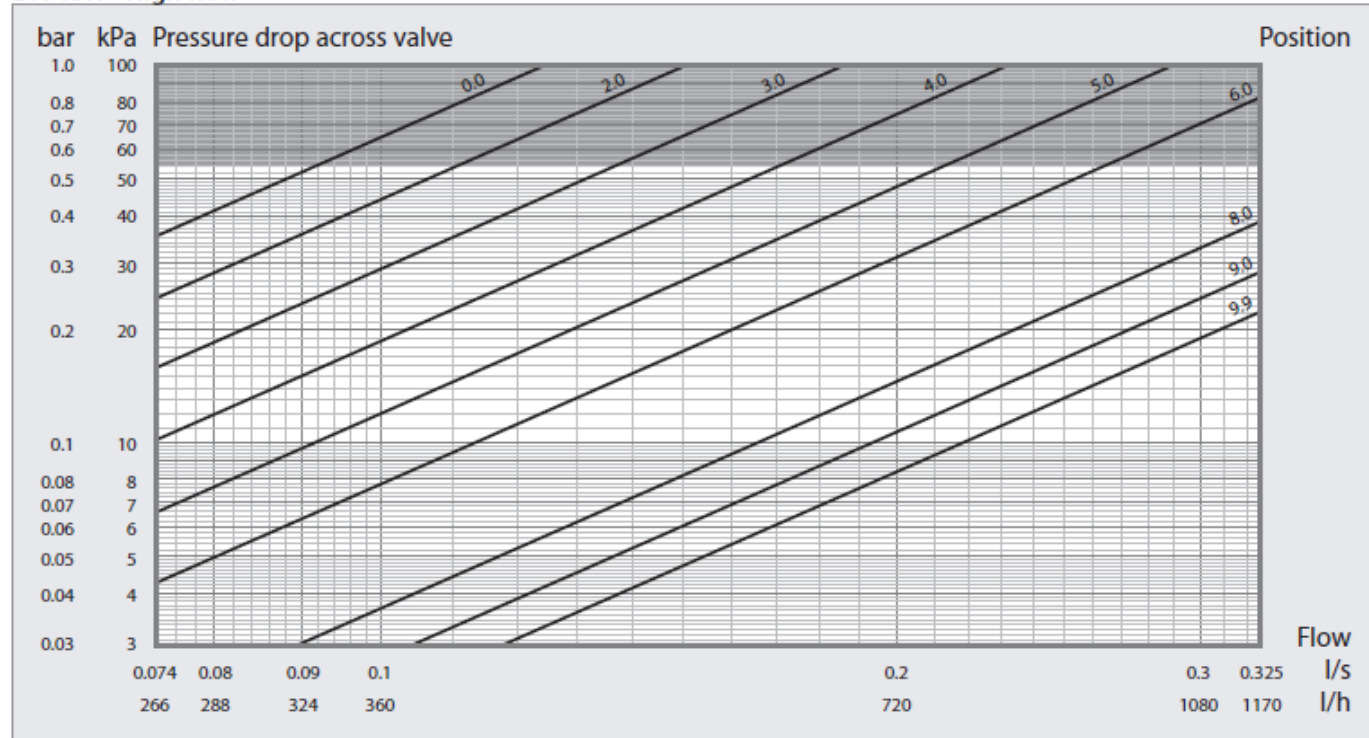




DN 15S - Standard flow



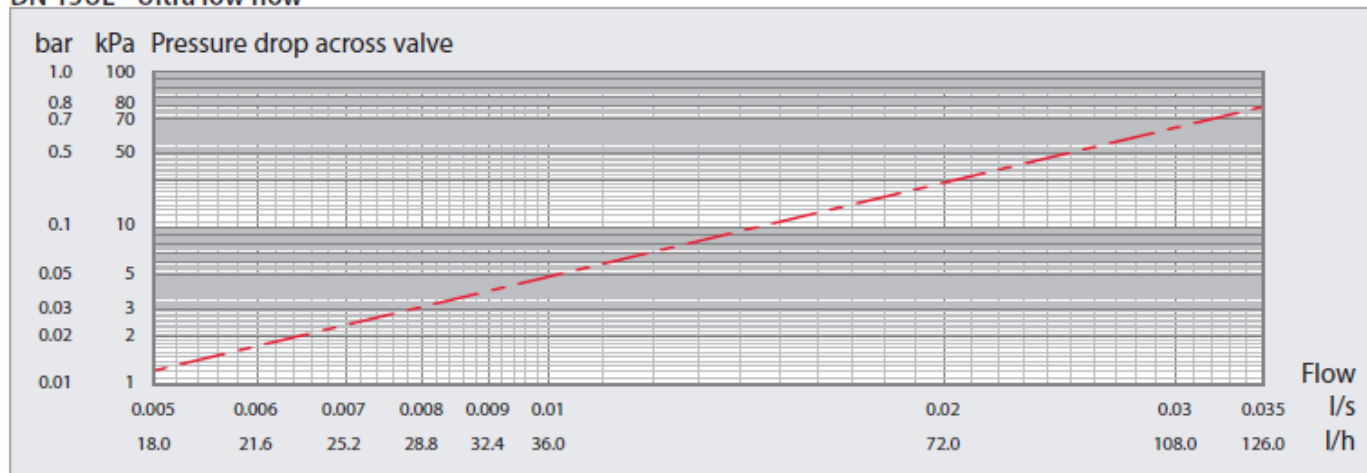
DN 15H - High flow



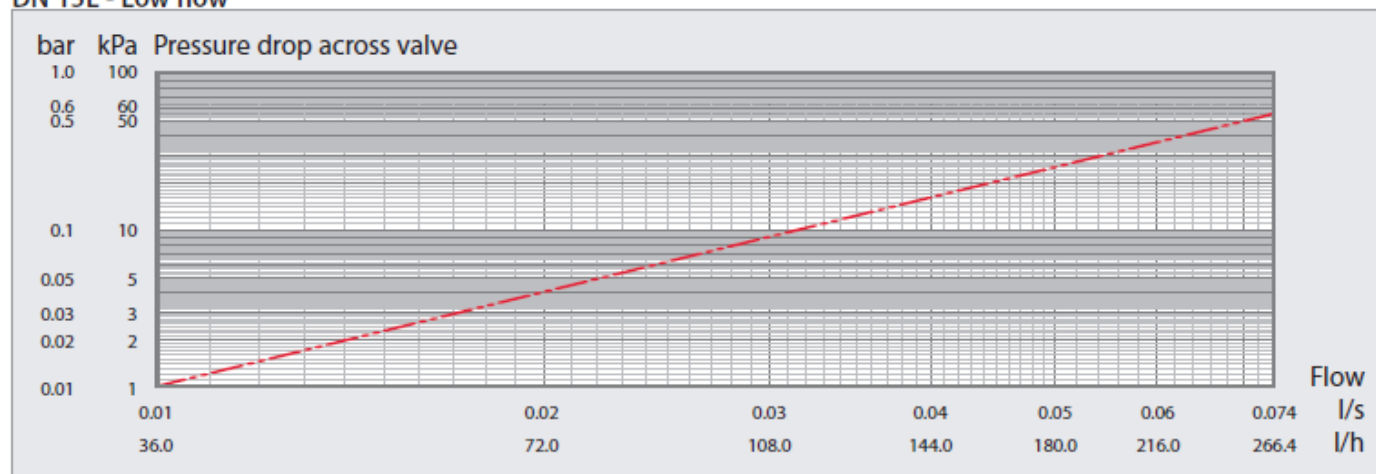
DN 15-Measuring signal diagrams

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning.

DN 15UL - Ultra low flow

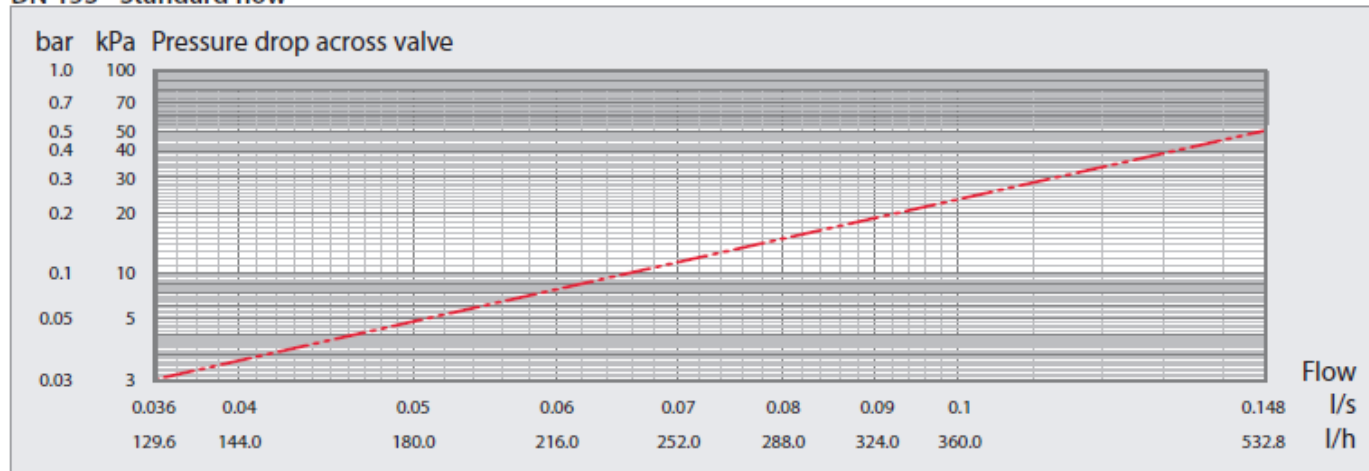


DN 15L - Low flow

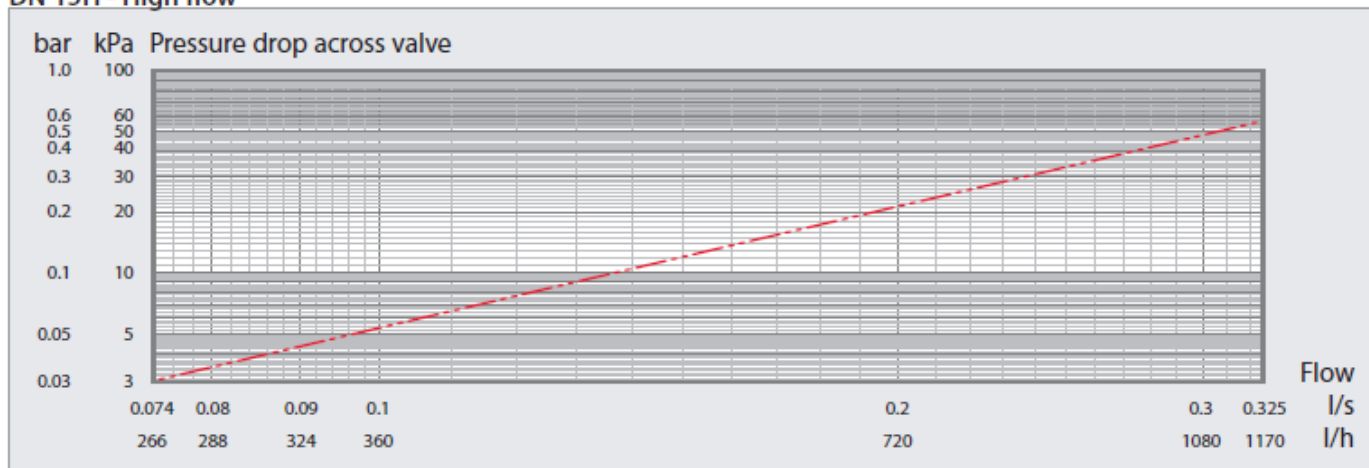




DN 15S - Standard flow



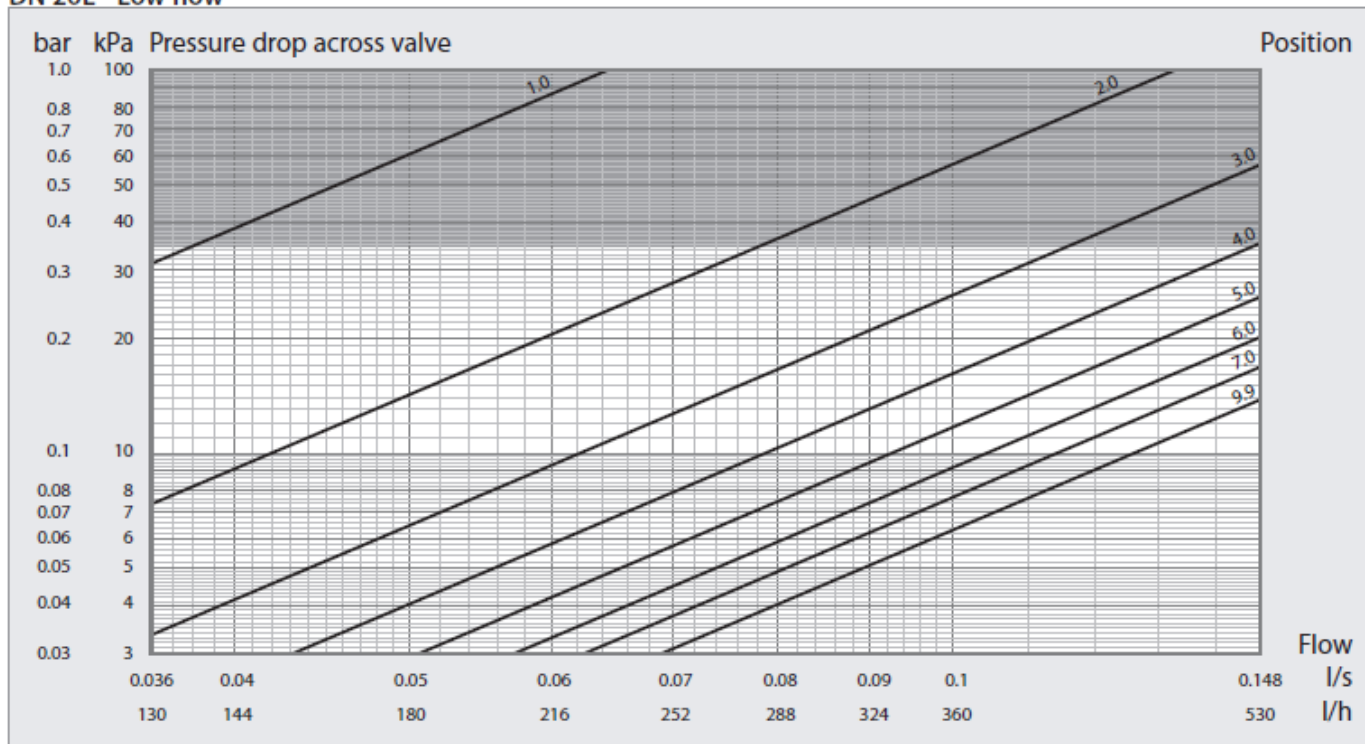
DN 15H - High flow



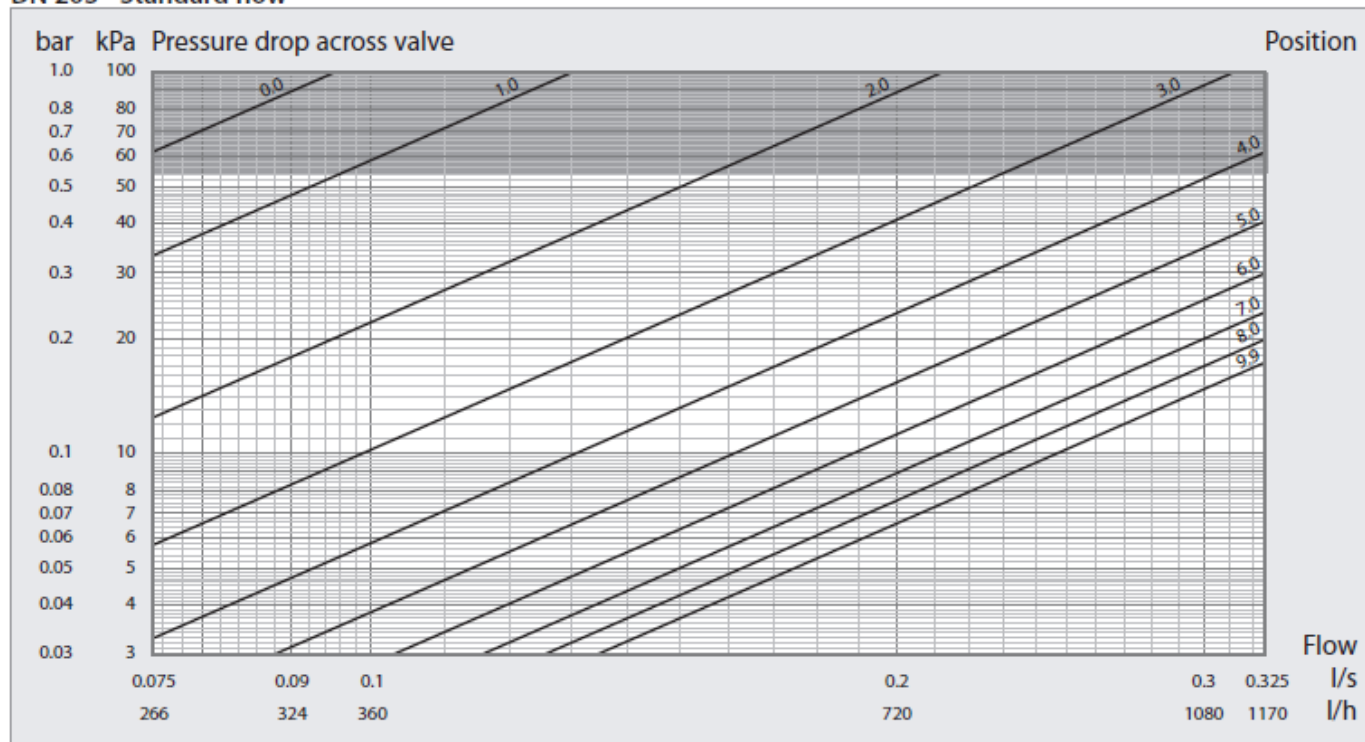
DN 20-Flow diagrams

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve.

DN 20L - Low flow

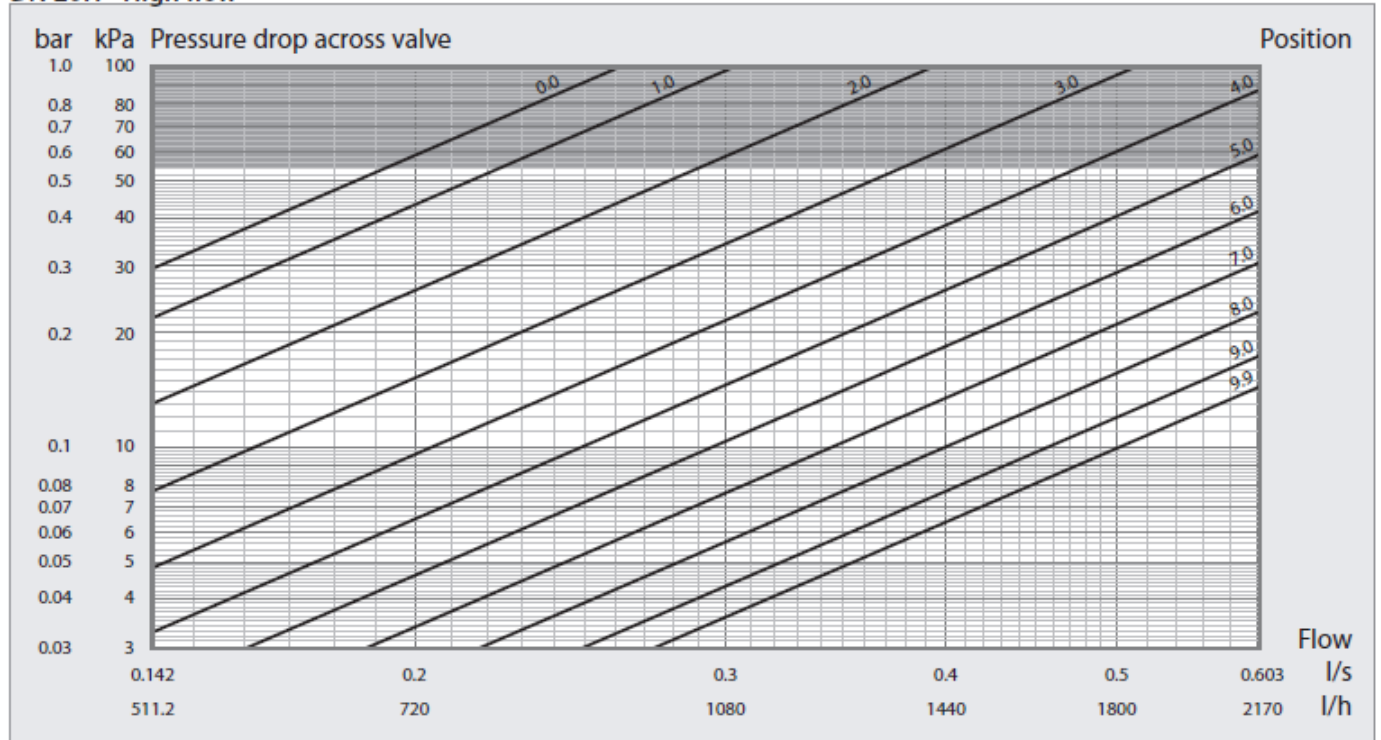


DN 20S - Standard flow





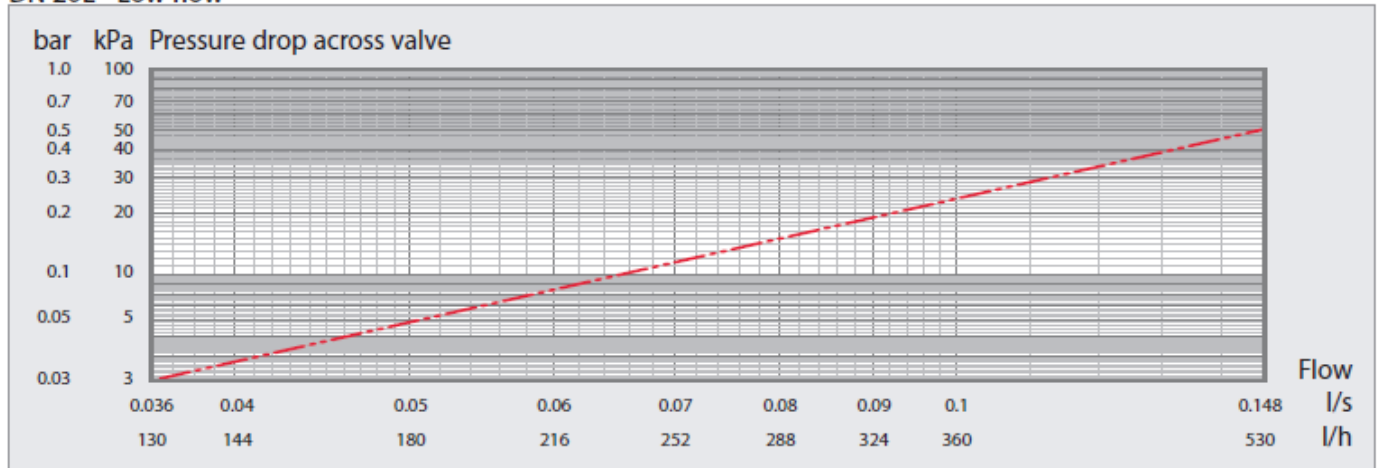
DN 20H - High flow



DN 20-Measuring signal diagrams

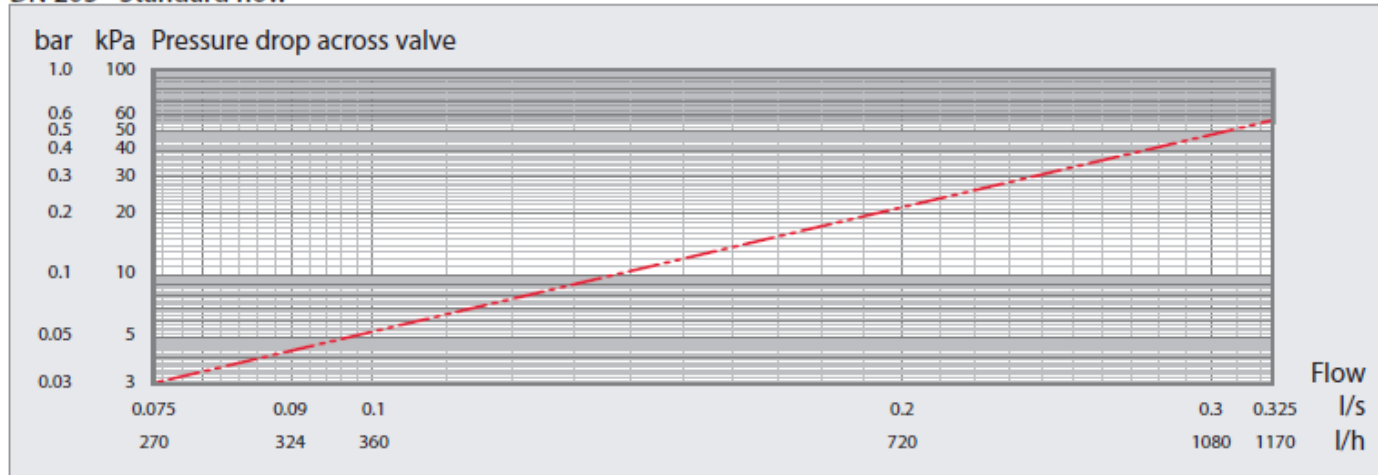
The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning.

DN 20L - Low flow

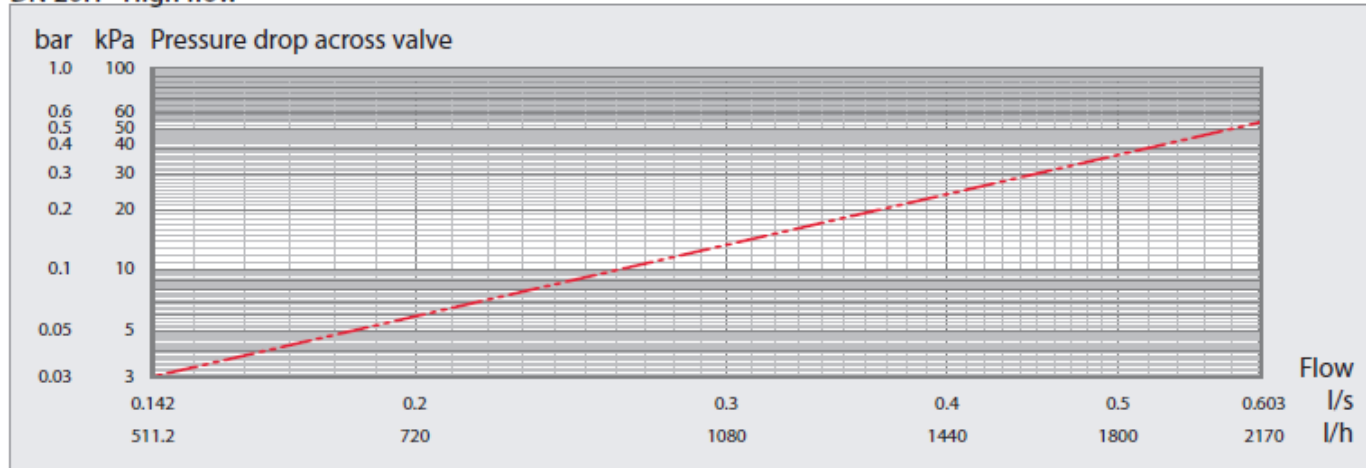




DN 20S - Standard flow



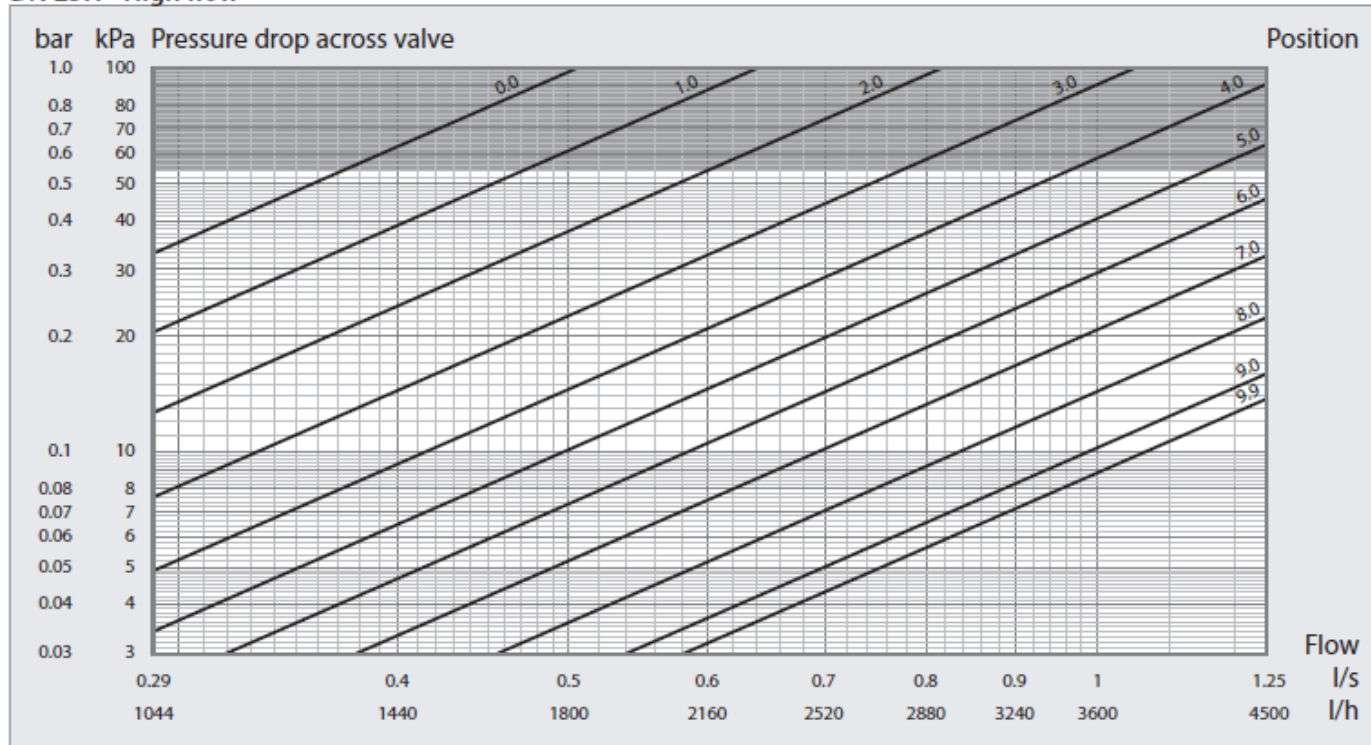
DN 20H - High flow



DN 25-Flow diagrams

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve.

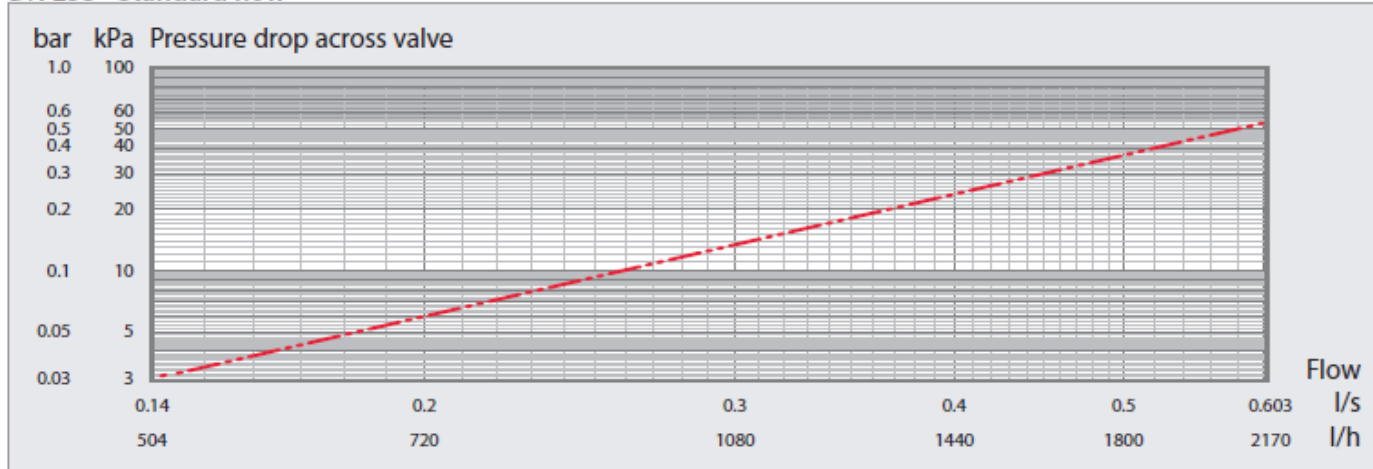
DN 25H - High flow



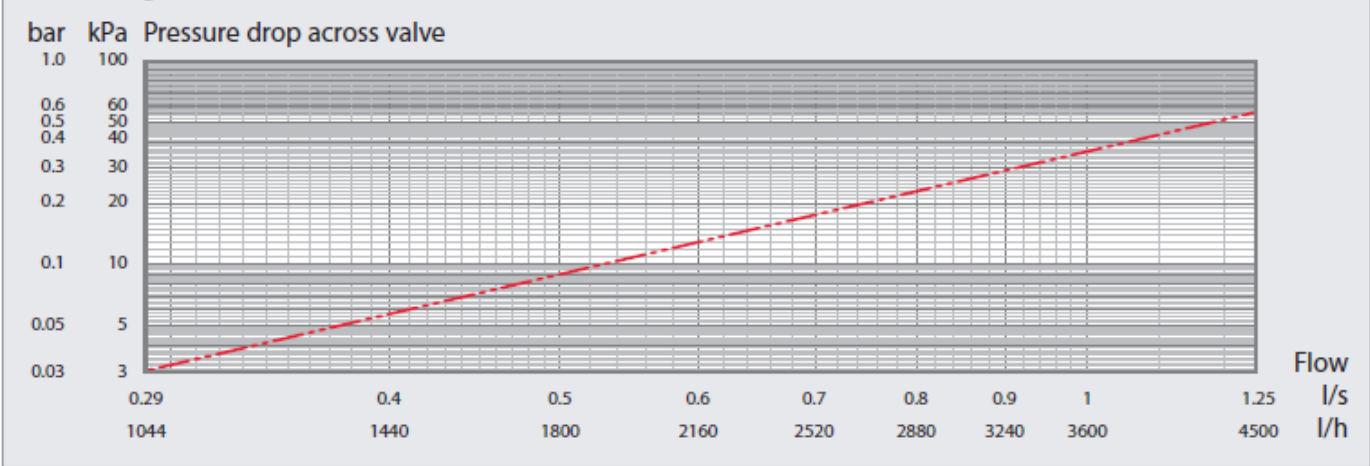
DN 25-Measuring signal diagrams

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning.

DN 25S - Standard flow



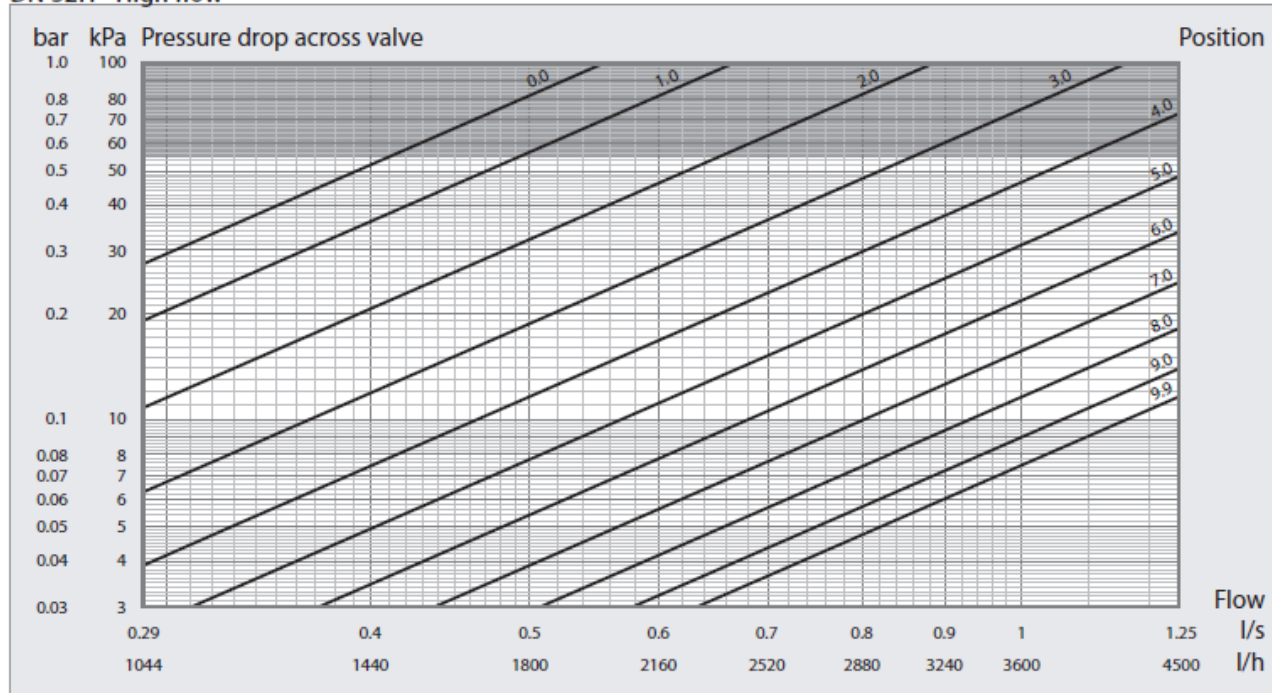
DN 25H - High flow



DN 32-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve.

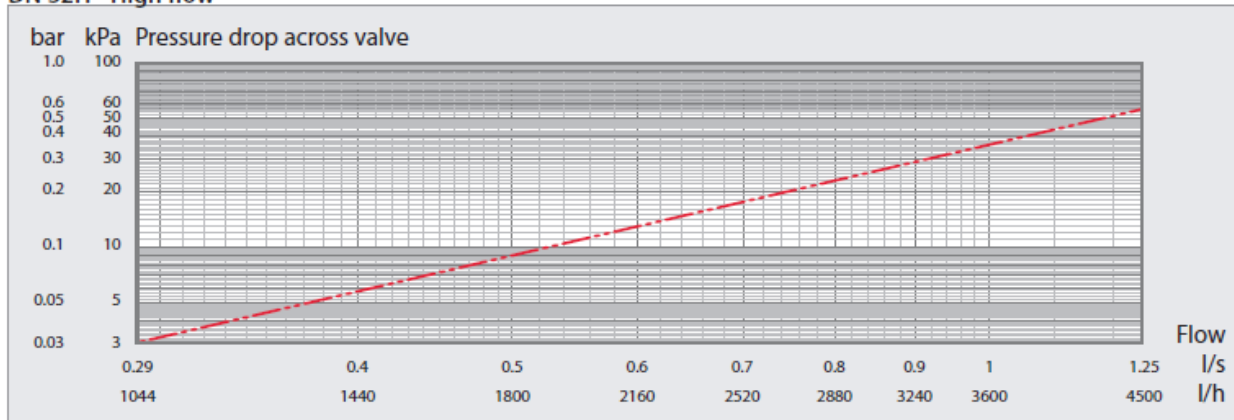
DN 32H - High flow



DN 32-Measuring signal diagram

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning.

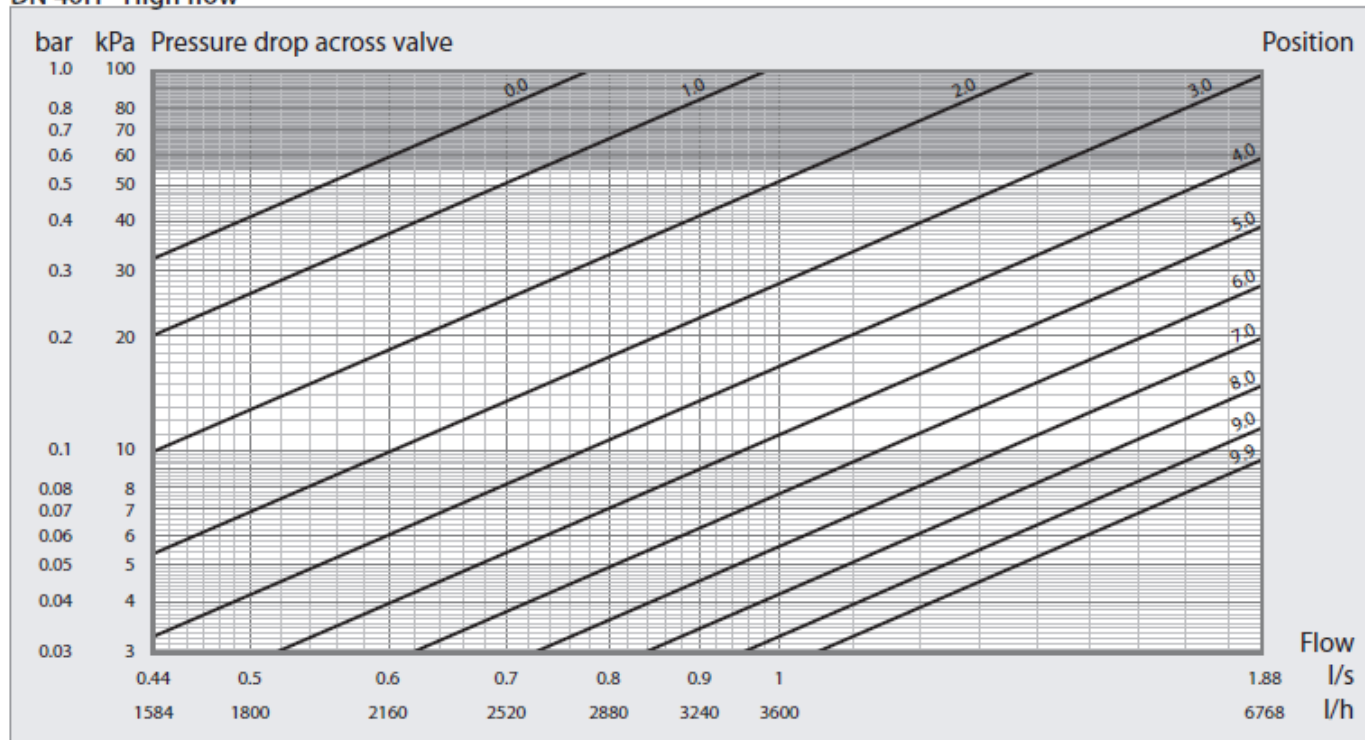
DN 32H - High flow



DN 40-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve.

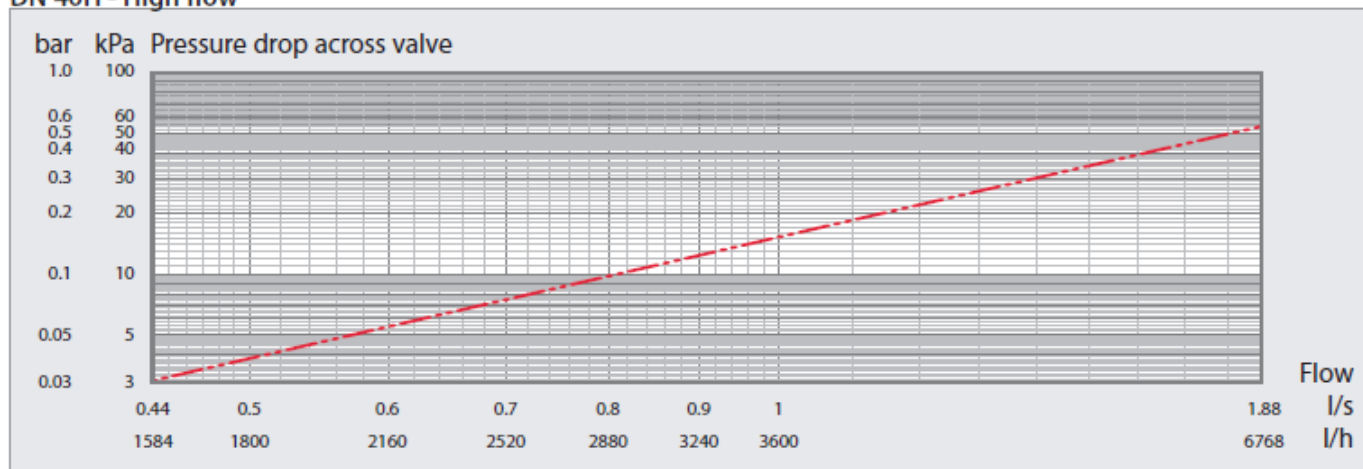
DN 40H - High flow



DN 40-Measuring signal diagram

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning.

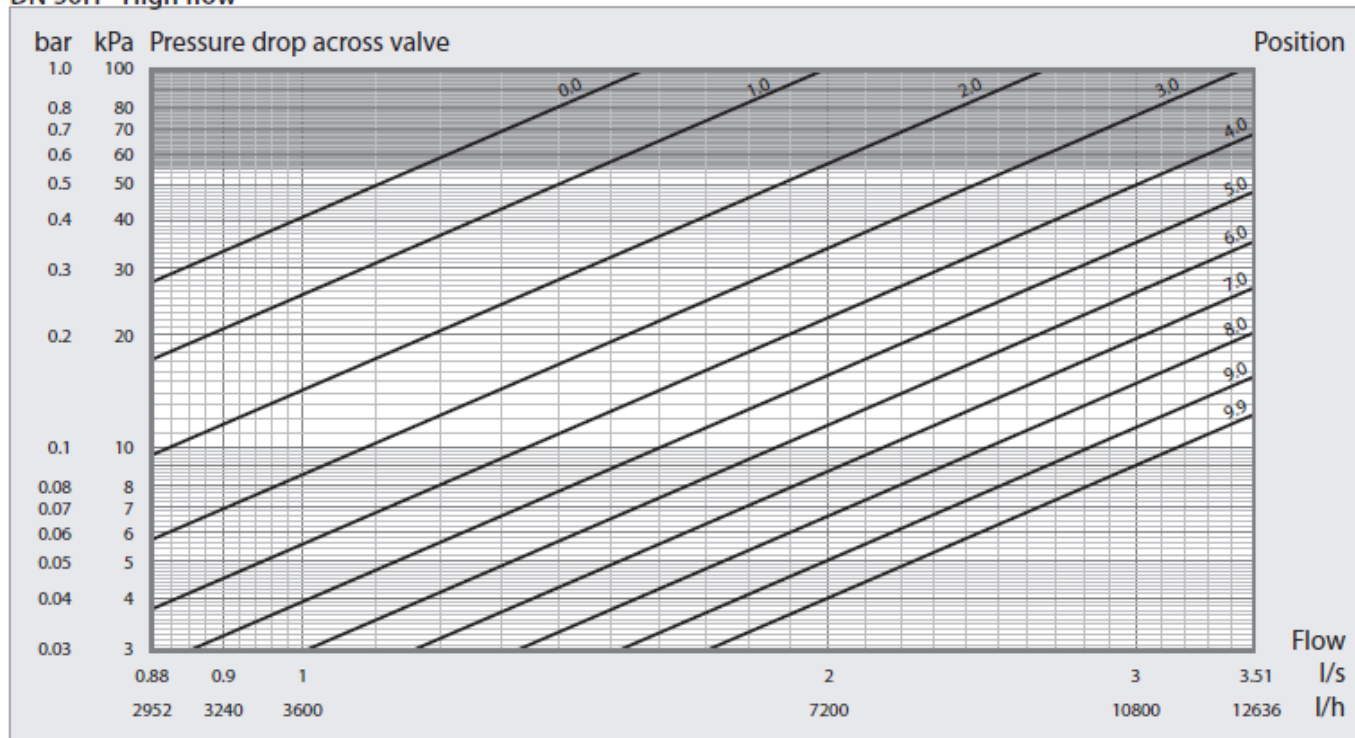
DN 40H - High flow



DN 50-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The lines are used during hydronic system design to specify the valve setting.

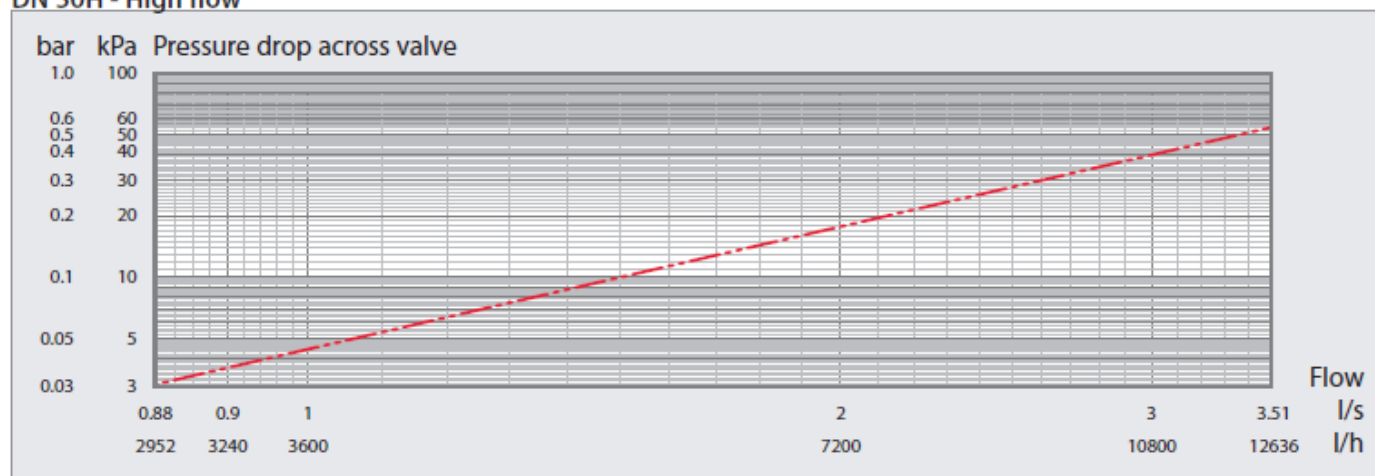
DN 50H - High flow



DN 50-Measuring signal diagram

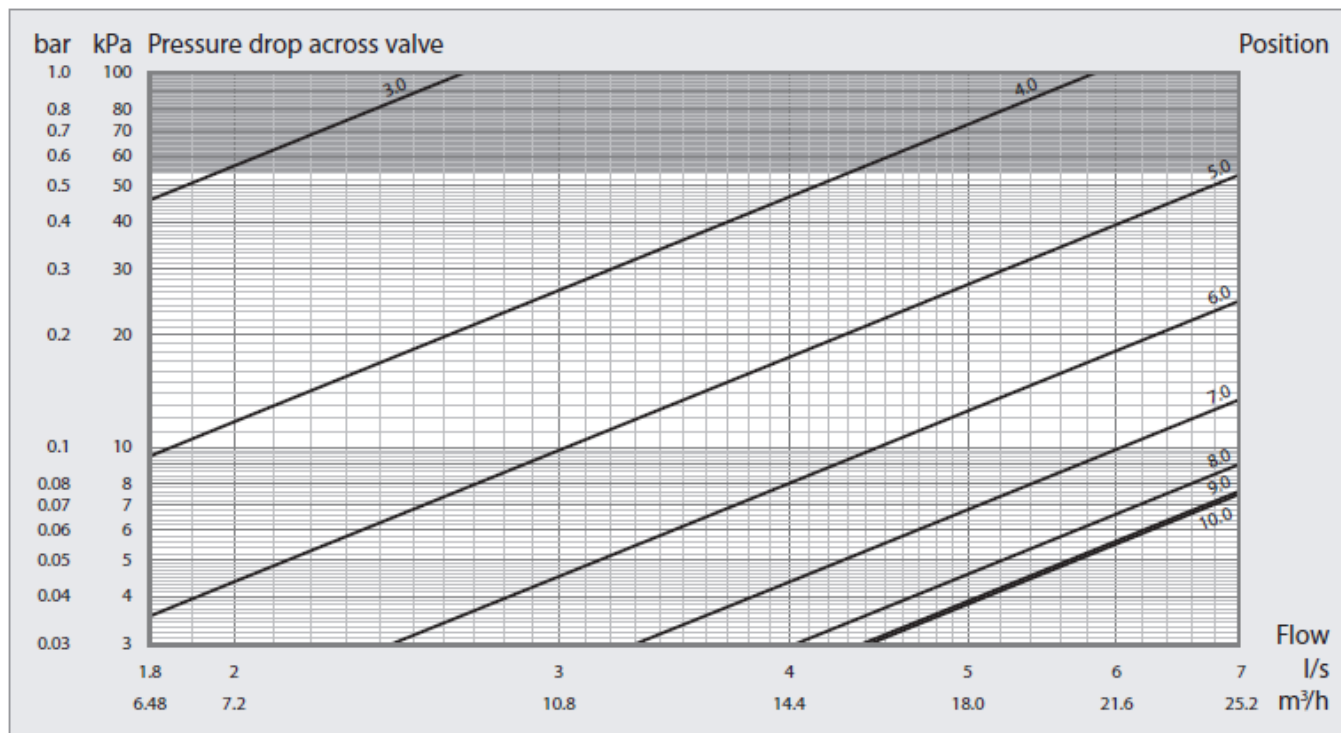
The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning

DN 50H - High flow



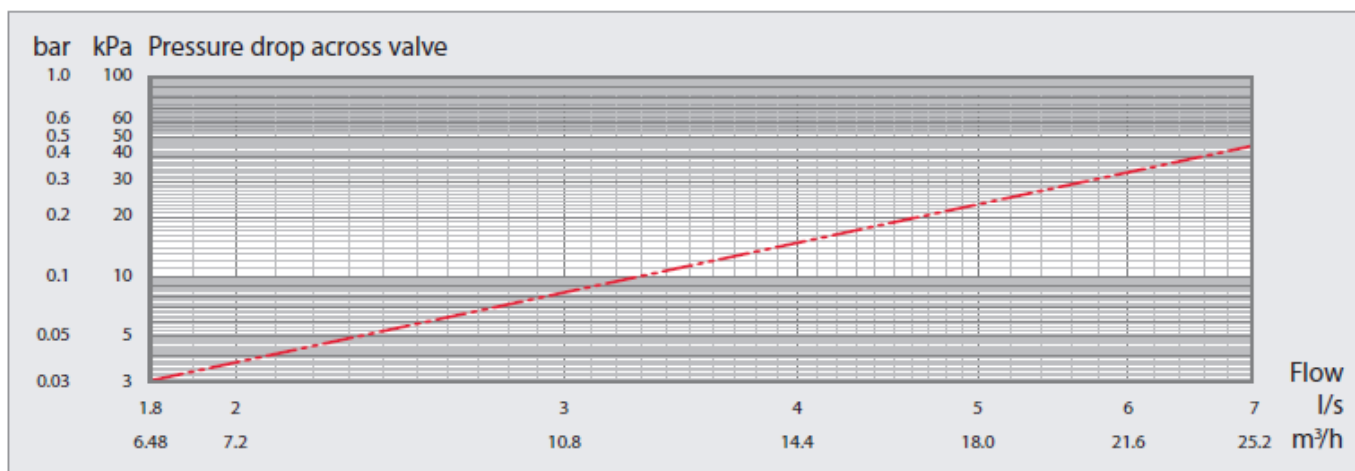
DN 65 flange/flange-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve.



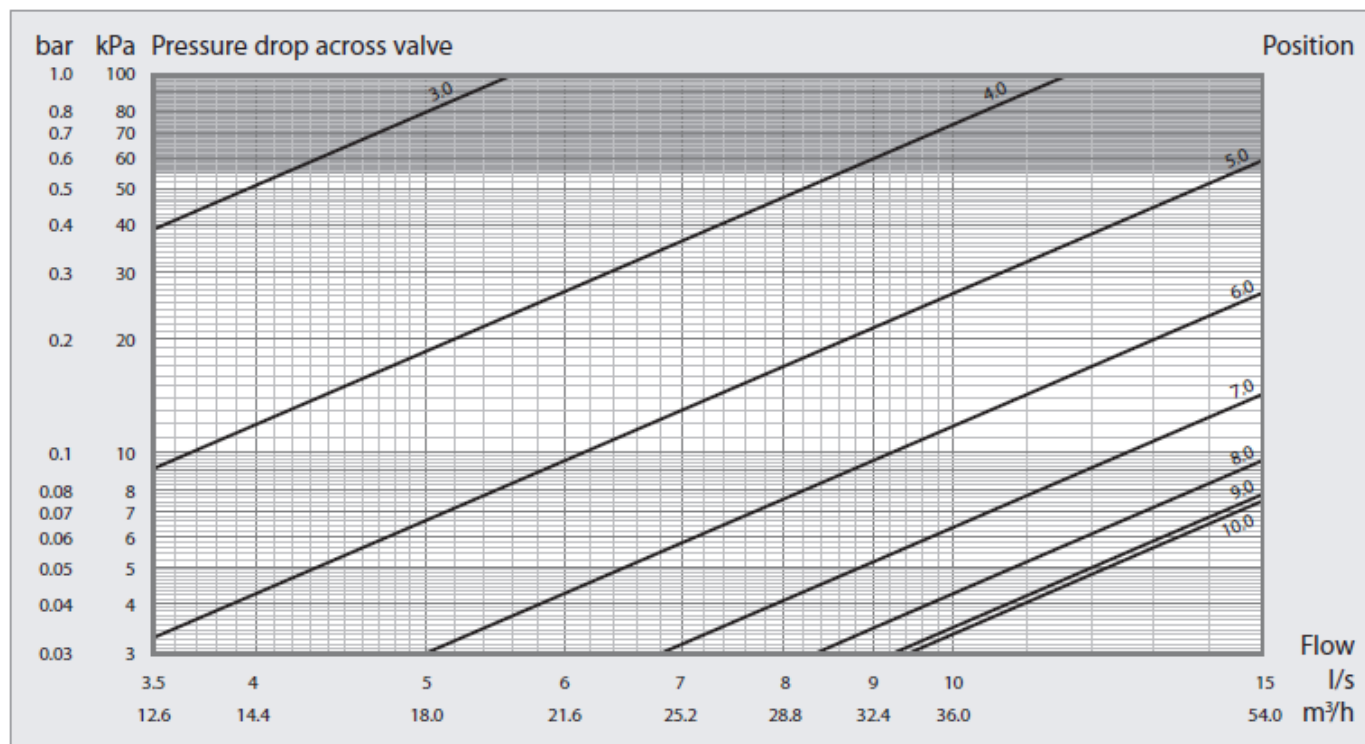
DN 65 flange/flange-Measuring signal diagram

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning.



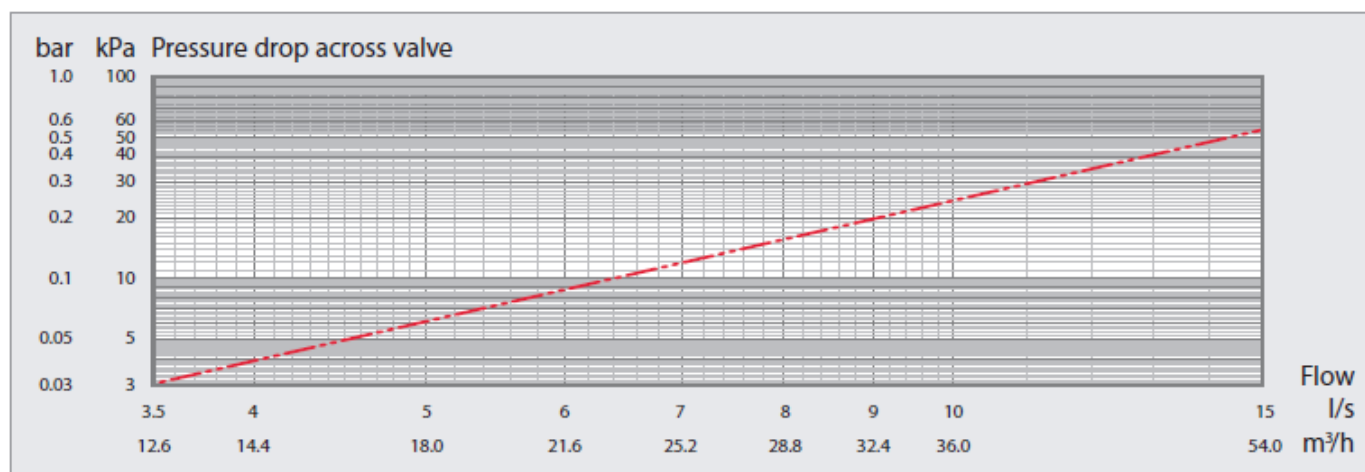
DN 80 flange/flange-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve



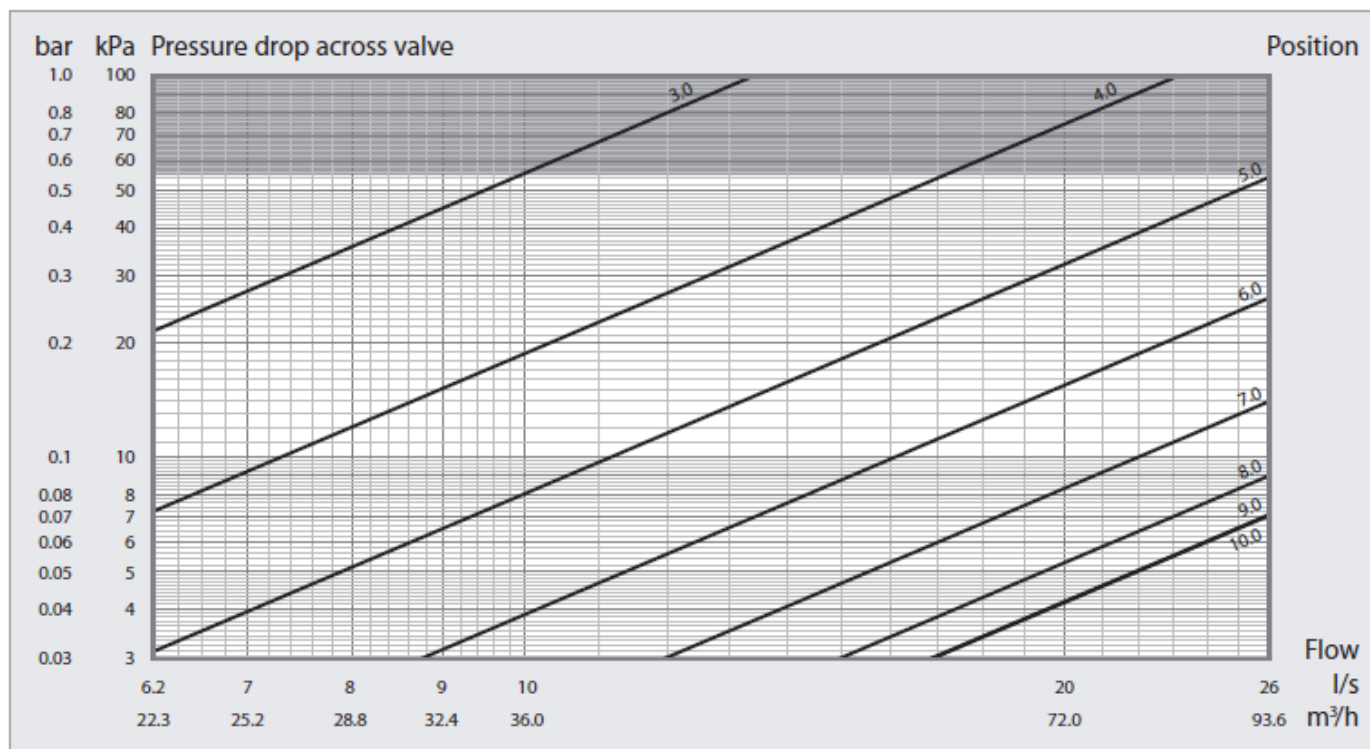
DN 80 flange/flange-Measuring signal diagram

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning



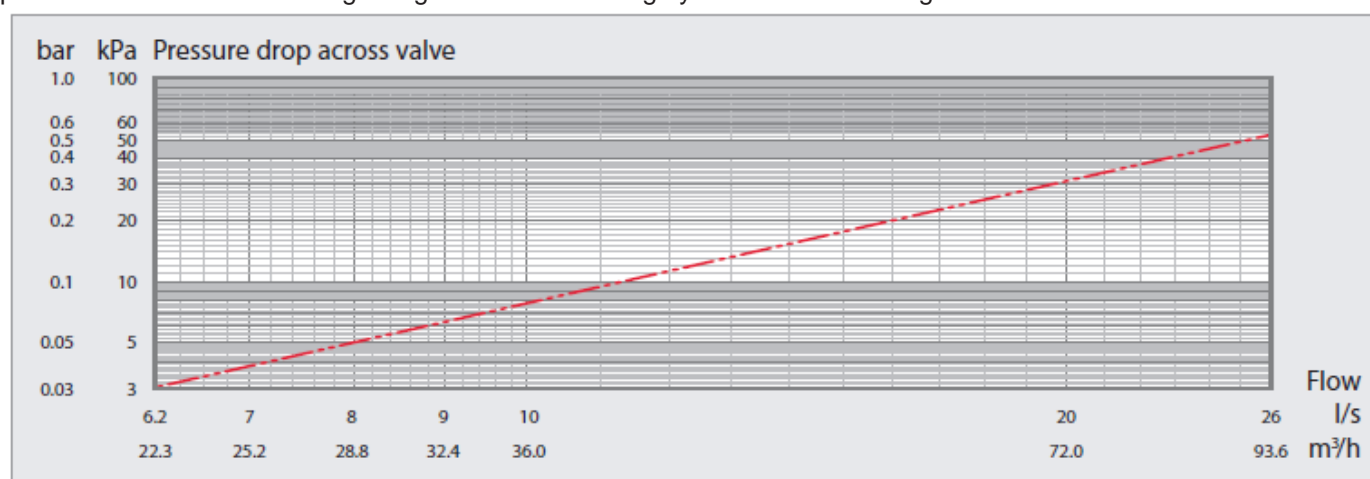
DN 100 flange/flange-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve



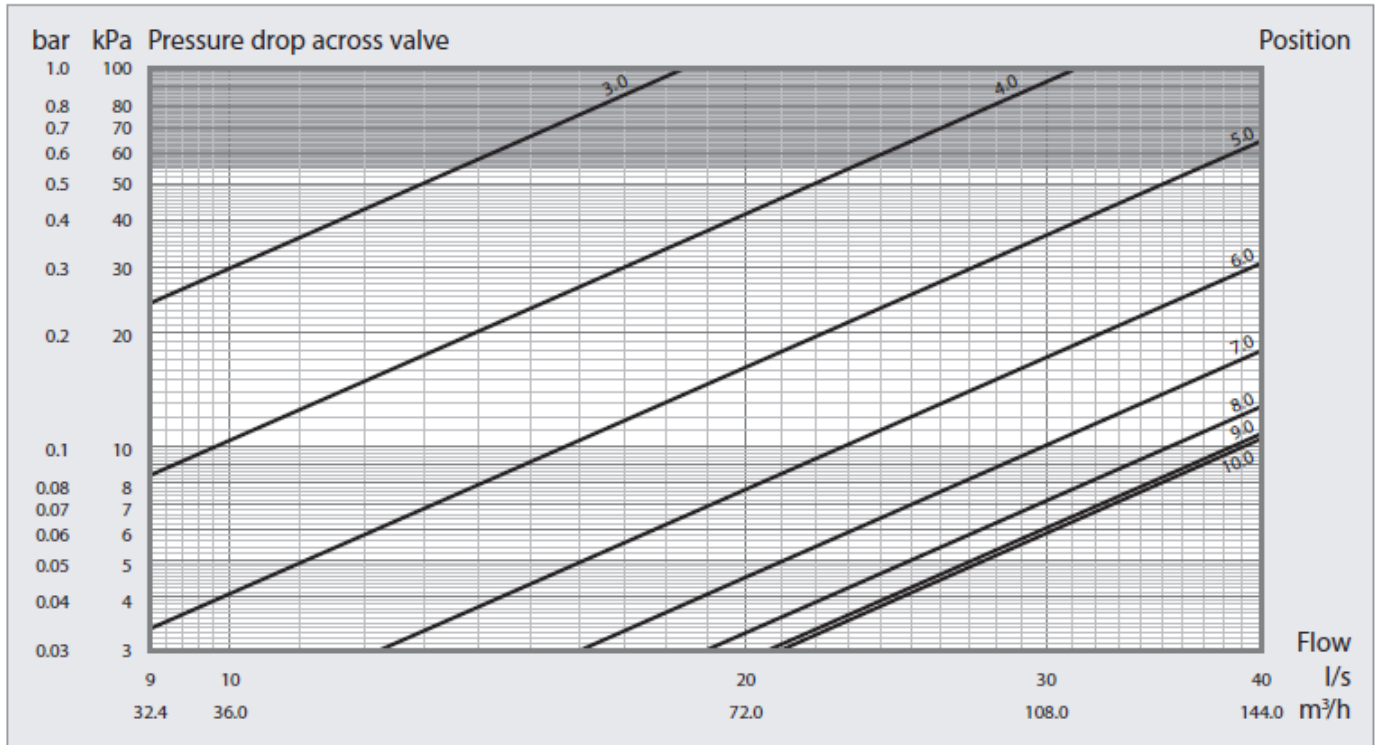
DN 100 flange/flange-Measuring signal diagram

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning



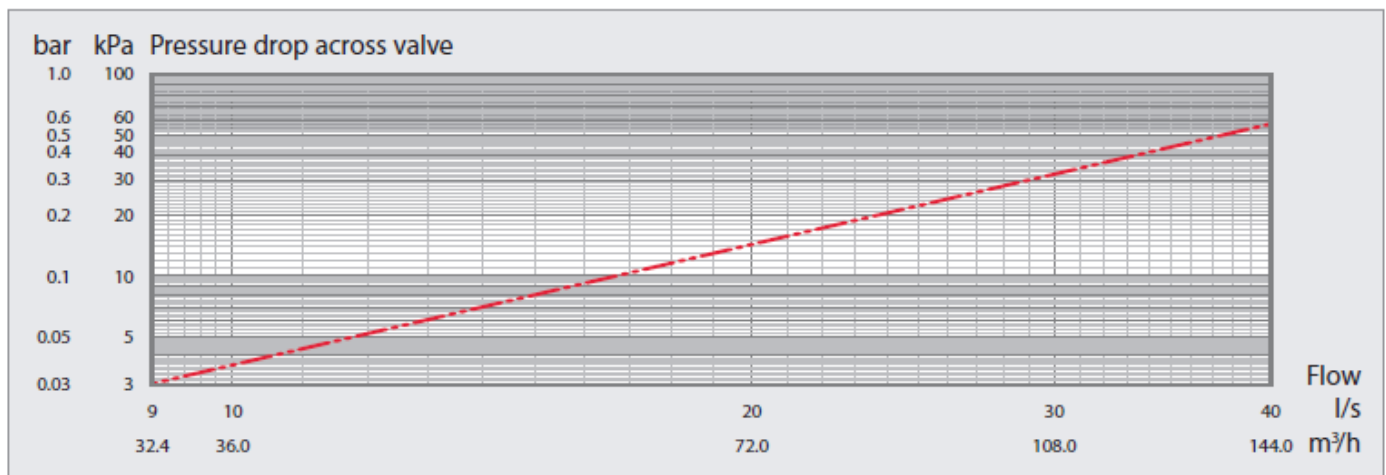
DN 125 flange/flange-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve



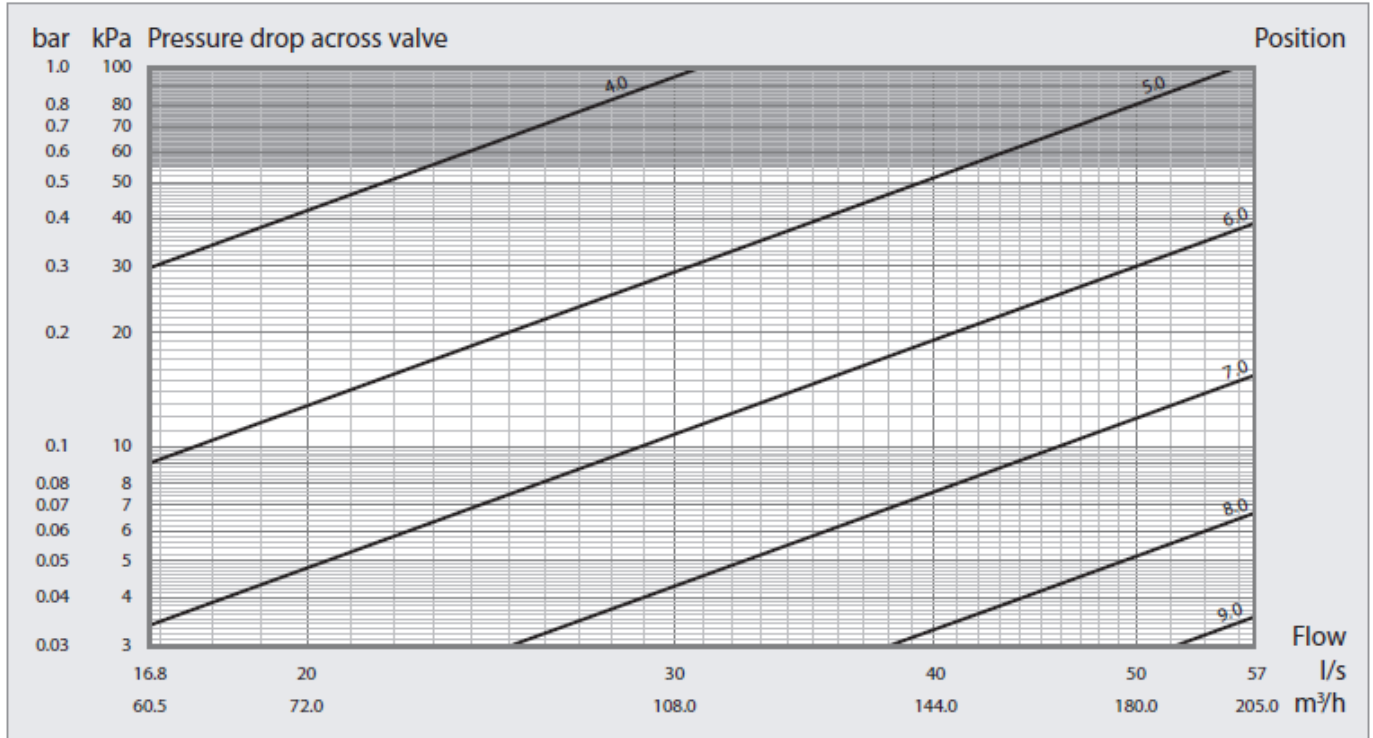
DN 125 flange/flange-Measuring signal diagram

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning



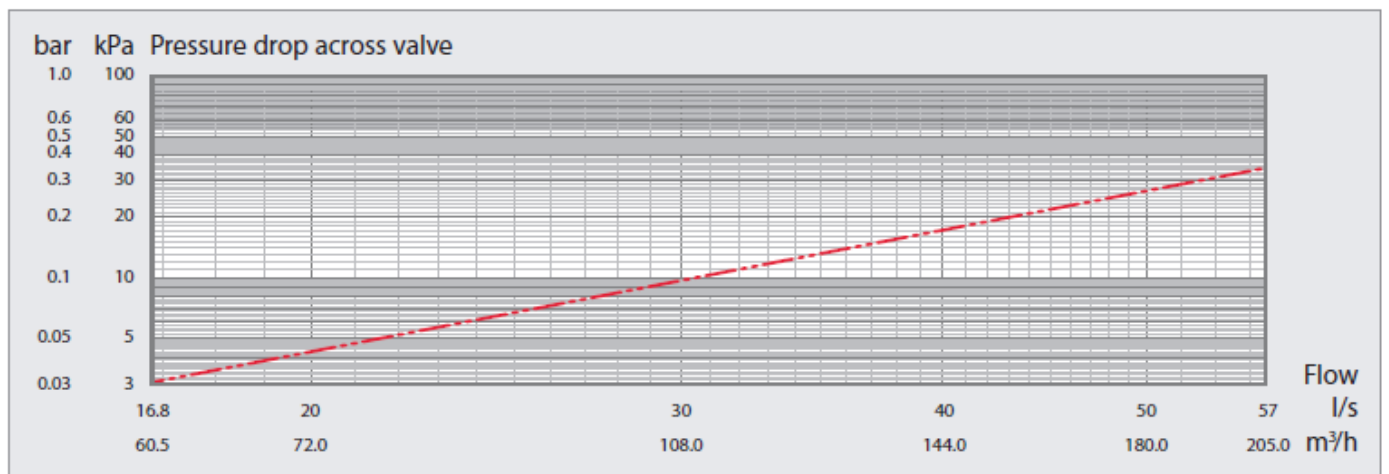
DN 150 flange/flange-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve



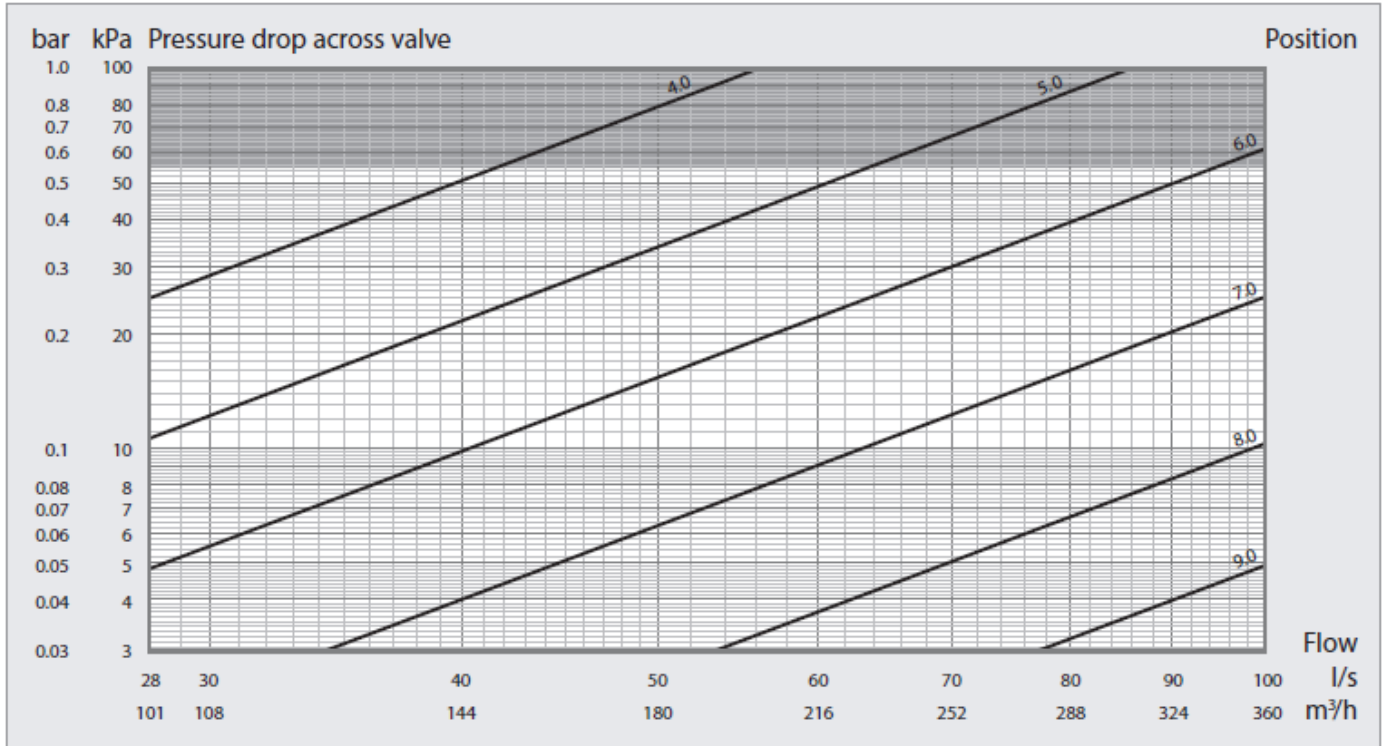
DN 150 flange/flange-Measuring signal diagram

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning.



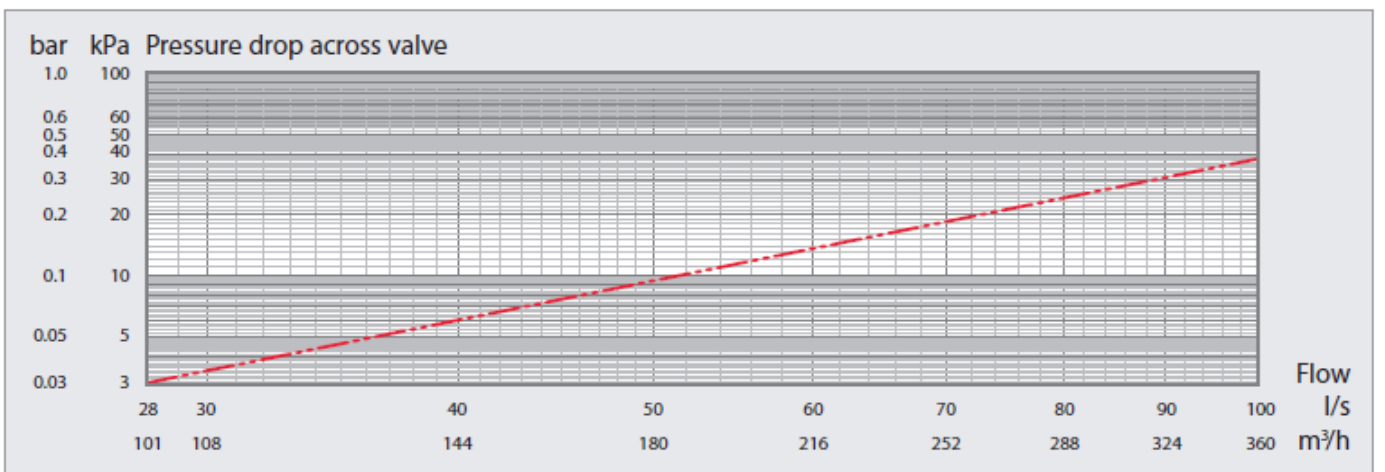
DN 200 flange/flange-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve.



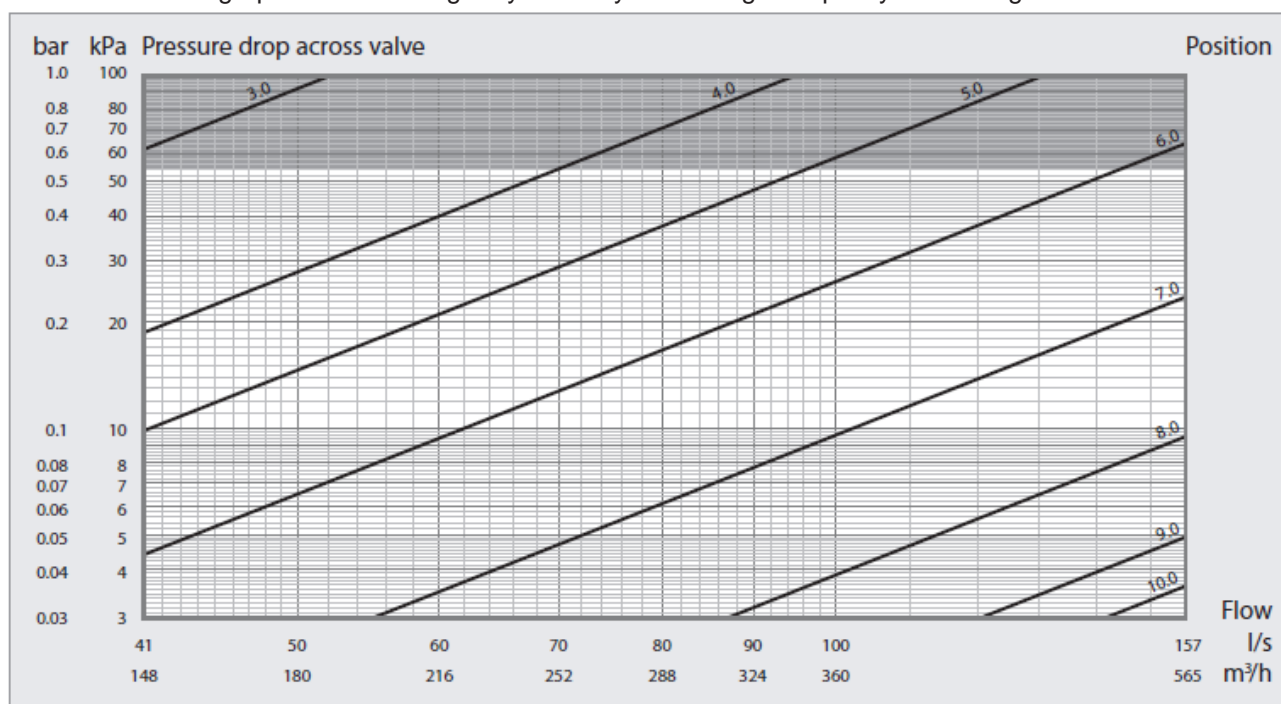
DN 200 flange/flange-Measuring signal diagram

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning.



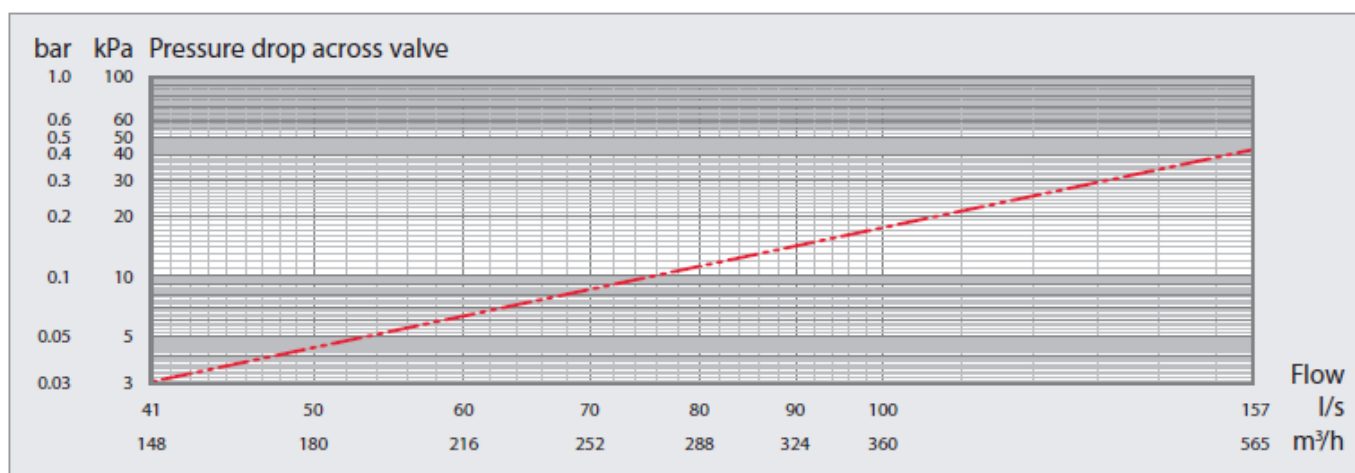
DN 250 flange/flange-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve



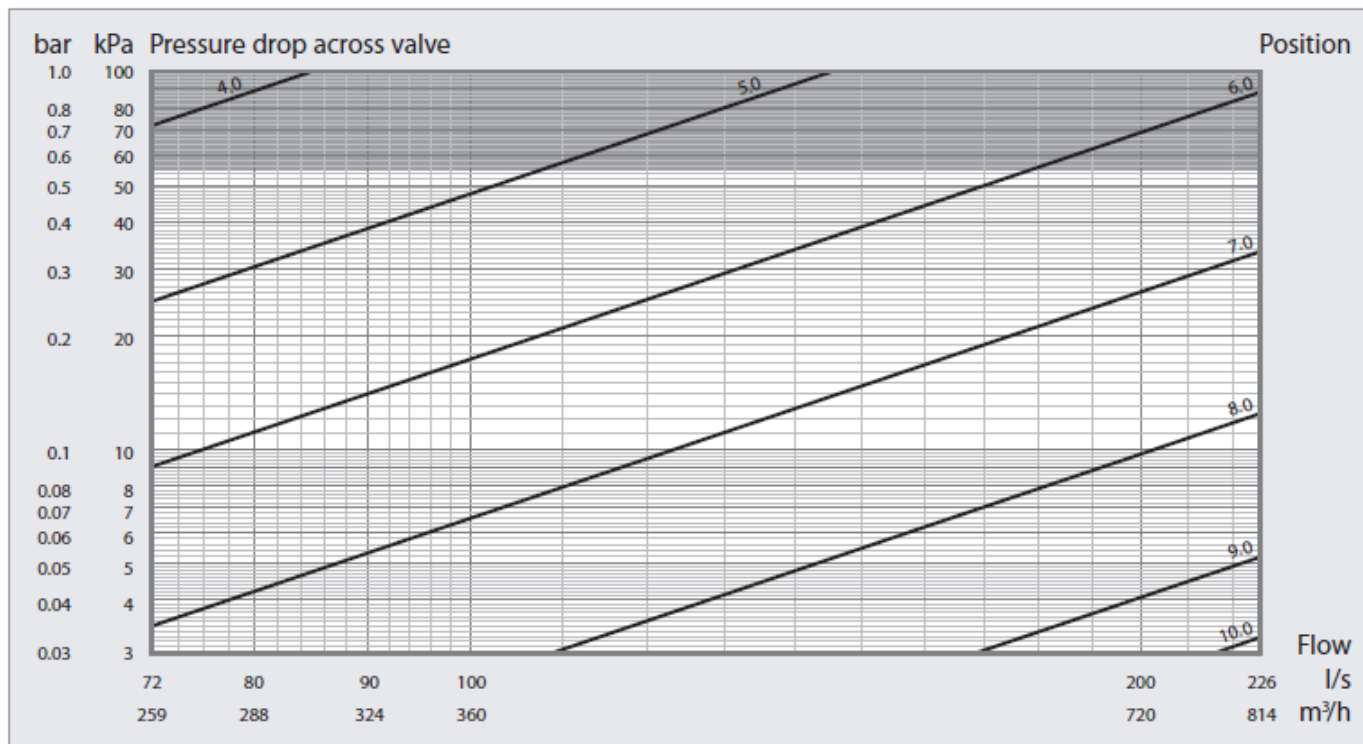
DN 250 flange/flange-Measuring signal diagram

The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning



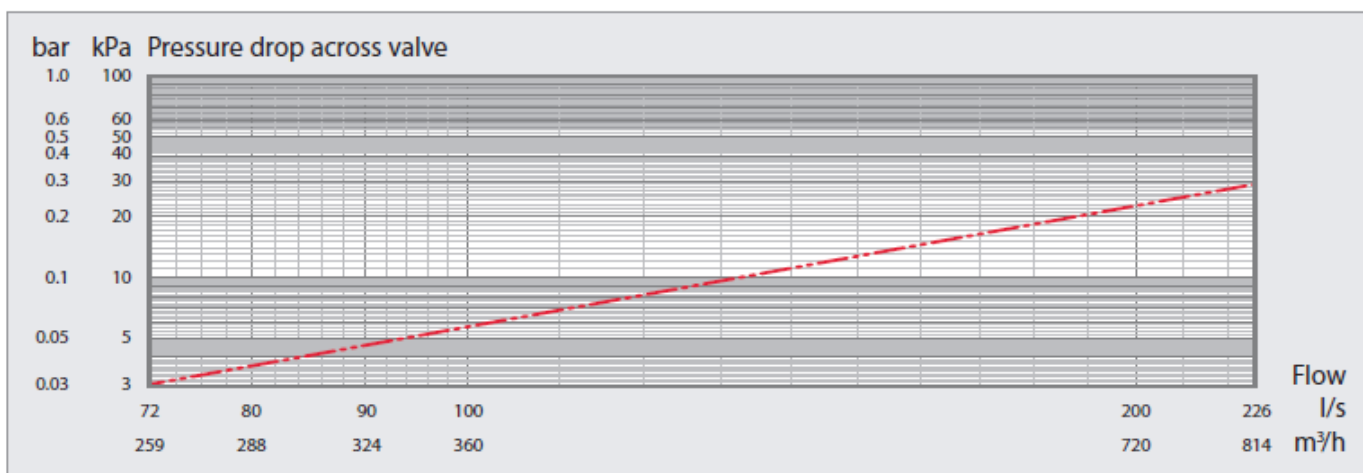
DN 300 flange/flange-Flow diagram

The black continuous graph lines determine the total pressure drop across the valve at a specific handle scale setting and flow rate. The graph is used during a hydronic system design to specify the setting of the valve

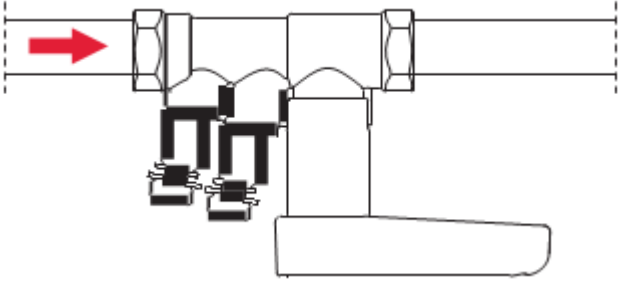
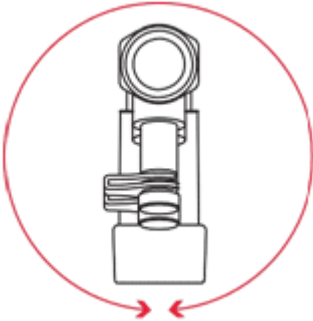
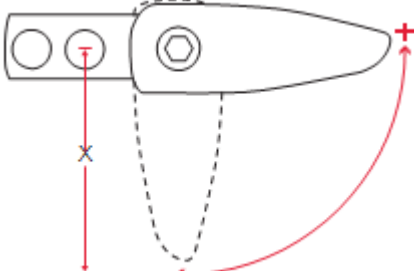


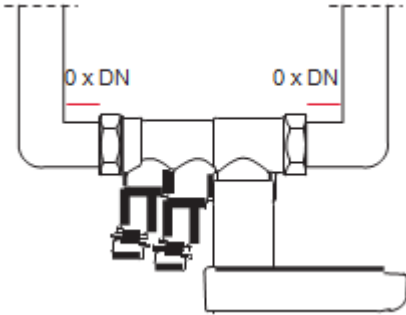
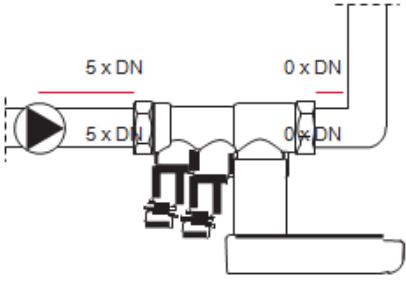
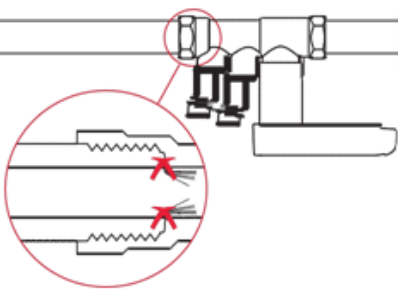

DN 300 flange/flange-Measuring signal diagram

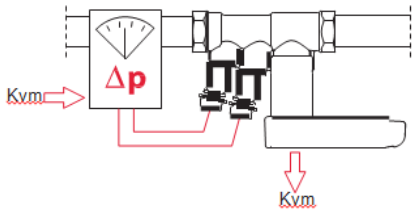
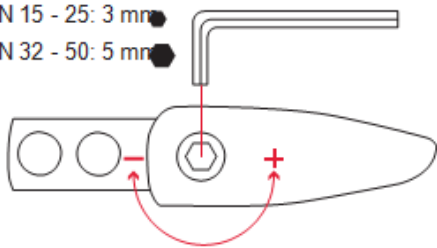
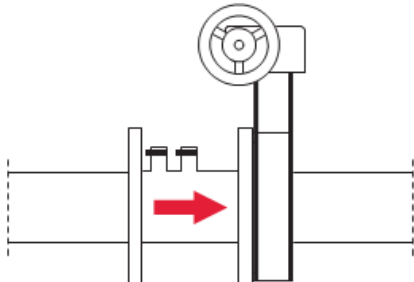
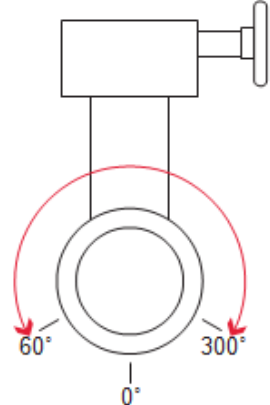
The red dash-dot line shows the Venturi measuring signal – the differential pressure across the Venturi nozzle at a given flow. The pressure loss across the Venturi nozzle is in combination with the Kvm value of the valve used to provide the direct flow reading using a flowmeter during system commissioning.

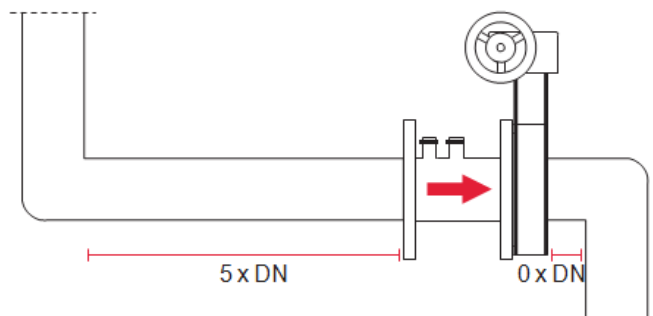
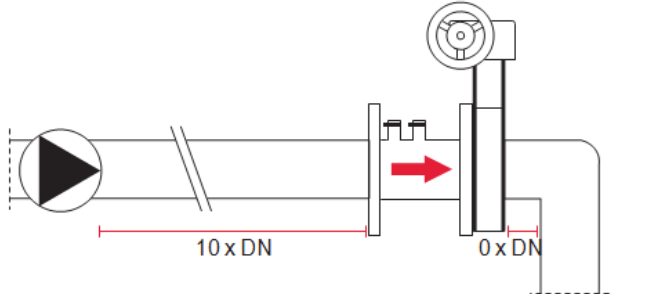
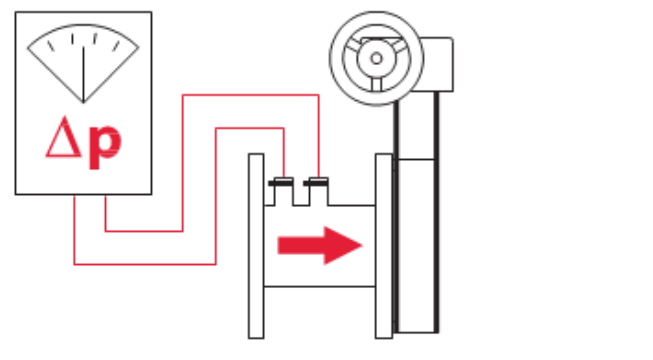
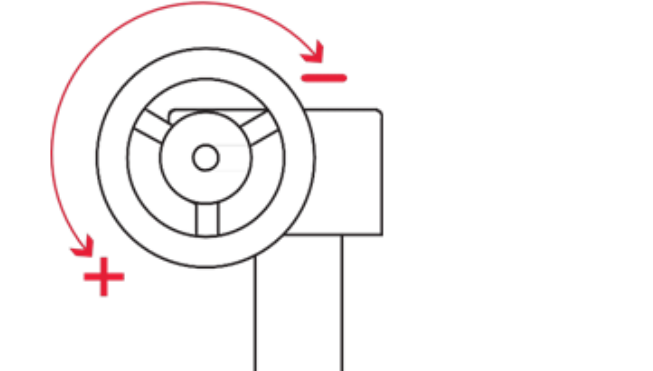


Mounting instructions DN 15 – 50

| | |
|---|---|
|  | <p>An arrow on the Ballorex Venturi housing indicates the flow direction to be respected.</p> |
|  | <p>Ballorex Venturi can be orientated 360° around the pipe axis.</p> |
|  <p>DN 15 - 25: X = 75 mm DN 32 - 50: X = 122 mm</p> | <p>Installation space is required to ensure the 90° isolation.</p> |

| | |
|---|---|
|  | <p>0 x DN straight piping is required. The Ballorex Venturi can be mounted directly onto bends, reducers, flexible pipes etc.</p> |
|  | <p>5 x DN straight piping is required when the valve is mounted directly after the system pump.</p> |
|  | <p>Loose hems must not hang into the pipe.</p> |
|  | <p>Deburring of pipe ends is required to prevent system clogging</p> |

| | |
|--|---|
|  | <p>A Ballorex balancing computer with pre-stored Ballorex valves data can be used for flow verification. When using any other flowmeter, the Ballorex Venturi Kvm value stated on the valve handle is entered once only to obtain the correct flow reading.</p> |
| <p>DN 15 - 25: 3 mm DN 32 - 50: 5 mm</p>  | <p>Setting the valve is easily done using an Allen key. The valve is adjusted until the required flow is displayed on the flowmeter.</p> |
| <p>Mounting instructions DN 65-600</p> | |
|  | <p>An arrow on the Ballorex Venturi tube indicates the flow direction to be respected.</p> |
|  | <p>Ballorex Venturi can be installed with the gearbox pointing in any direction. However, if the gearbox is mounted pointing downwards, it is assumed that there are no impurities in the system to affect the performance of the valve. If there is a risk of impurities, it is recommended to install the gearbox in an angle from 60° to 300°.</p> |

| | |
|---|---|
|  | <p>It is recommended to provide a straight pipe length of minimum $5 \times \text{DN}$ pipe diameter before the valve. There are no minimum requirements for straight lengths of pipe after the valve.</p> |
|  | <p>If a pump is installed immediately in front of the valve, a straight pipe of $10 \times \text{DN}$ pipe diameter is required. There are no requirements for straight pipe lengths after the valve.</p> |
|  | <p>Ballorex balancing computer with pre-stored Ballorex valves data can be used for flow verification. When using any other flowmeter, the Ballorex Venturi Kvm value stated on the Venturi tube is entered once only to obtain the correct flow reading.</p> |
|  | <p>The flow rate is adjusted by rotating the handle on the gearbox. The flow rate increases by rotating the handle to the left (counter-clockwise) and is reduced by rotating it to the right (clockwise).</p> |

Accessories

| Photo | Designation | Dimensions | Codes |
|---|---|-----------------------------|-----------------|
|  | Ballorex Venturi insulation jacket | DN 15 | 96M0240-000005 |
| | | DN 15 | 96M0279-000005 |
| | Insulation jacket for Ballorex Venturi with drain (can also be used for Ballorex Venturi without drain) | DN 20 | 96M0241-000005 |
| | | DN 20 | 96M0280-000005 |
| | | DN 15 | 96M0240-000005 |
| | | DN 32 | 96M0243-000005 |
| | | DN 32 | 96M0282-000005 |
| | | DN 40 | 96M0244-000005 |
| | | DN 40 | 96M0283-000005 |
| | | DN 50 | 96M0245-000005 |
| | | DN 50 | 96M0284-000005 |
|  | Measuring point for high temperature medium - up to 135°C (installed in the P/T port of the Ballorex Venturi) | M14 × 1 / quick coupling | 43500032-000003 |
|  | Pre-sealed press adaptors (2 pcs), max. 16 bar | 15 mm × 1/2" | 83504006-000003 |
| | | 18 mm × 1/2" | 83504007-000003 |
| | | 15 mm × 3/4" | 84504006-000003 |
| | | 18 mm × 3/4" | 84504007-000003 |
| | | 22 mm × 3/4" | 84504008-000003 |
| | | 28 mm × 1" | 85504006-000003 |
| | | 35 mm × 1 1/4" | 86504006-000003 |
|  | High capacity drain valve (Kvs = 4,5 m³/h) 1/2" female/female threaded connection for installation in a system pipe | DN 15 | 43500200-001003 |
| | | DN 20 | 44500200-001003 |
| | | DN 25 | 45500200-001003 |
|  | Combi Drain Maxi with measuring point | R 1/4" / G 3/4" | 41550025-000003 |
|  | Butterfly valve for Ballorex Venturi Kvs: 148 m³/h | DN 65 | 3937310-080009 |
| | Butterfly valve for Ballorex Venturi Kvs: 237 m³/h | DN 80 | 3937910-080009 |
| | Butterfly valve for Ballorex Venturi Kvs: 603 m³/h | DN 100 | 3938510-080009 |
| | Butterfly valve for Ballorex Venturi Kvs: 888 m³/h | DN 125 | 3939110-080009 |
| | Butterfly valve for Ballorex Venturi Kvs: 2340 m³/h | DN 150 | 3939710-080009 |
| | Butterfly valve for Ballorex Venturi Kvs: 2850 m³/h | DN 200 | 3940210-080009 |
| | Butterfly valve for Ballorex Venturi Kvs: 4550 m³/h | DN 250 | 3940810-080009 |
| | Butterfly valve for Ballorex Venturi Kvs: 7760 m³/h | DN 300 | 3941410-080009 |

