

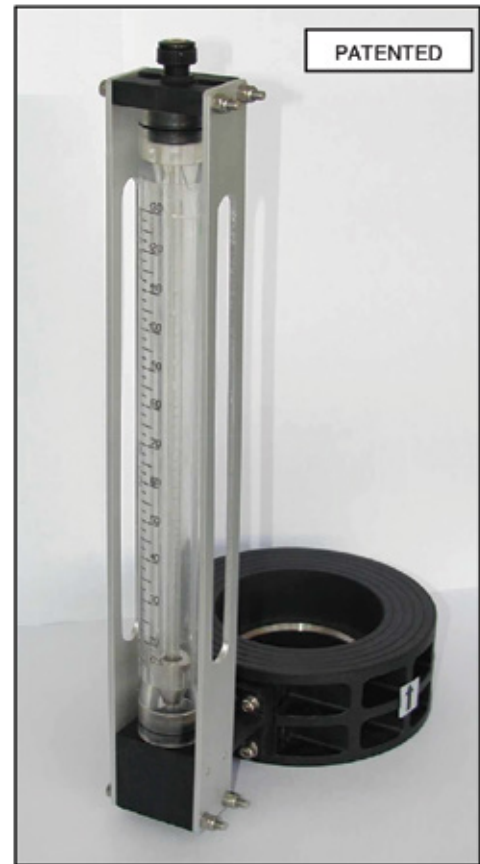
Diaphragm-type flowmeters with calibrated flange, with offtake flowmeter for large flow rates.

## APPLICATIONS

Flowmeter can be used in the following industries: chemicals and petrochemicals, pulp and paper, food and sugar, pharmaceuticals, glass, textile, mining, metallurgical and galvanizing industry. The instruments can also be used by manufacturers of water treatment plants, wine, thermal, hospital and anti-pollution plants, firefighting pressurization units, etc.

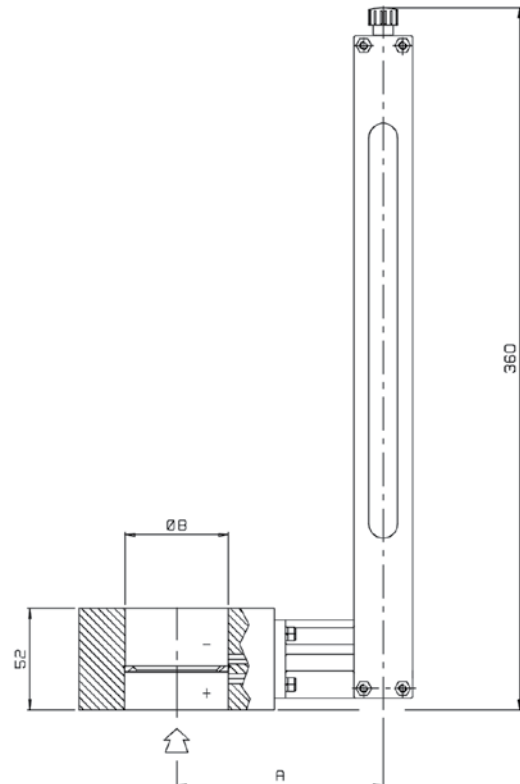
## TECHNICAL DATA

- Performance in compliance with the EN12845. (Fire extinction equipment)
- Max. pressure: 16 bar
- Max. temperature: 100°C
- Length of reading scale: ~200mm
- Measurement range: ~1:10
- Guided float
- Suitable for insertion in flanges: UNI PN10/16; ANSI 150
- The lateral buttonholes allow the spin of the glass tube, therefore one visibility of 360° of the graduate scale



MOD.	A mm	Ø B mm	WEIGHT Kg
40	115	41.9	0.5
50	125	53.1	0.5
65	135	70.9	0.7
80	140	83.1	1
100	155	107.9	1.5
125	170	132.5	9
150	180	160.3	11
200	210	209.1	15
250	240	260.3	19
300	260	312.1	27

Measure diaphragm for water pipe UNI EN 10224



On request, special version can be supplied.

Standard FULL SCALE with  $\Delta P$  max 10000 mm H<sub>2</sub>O

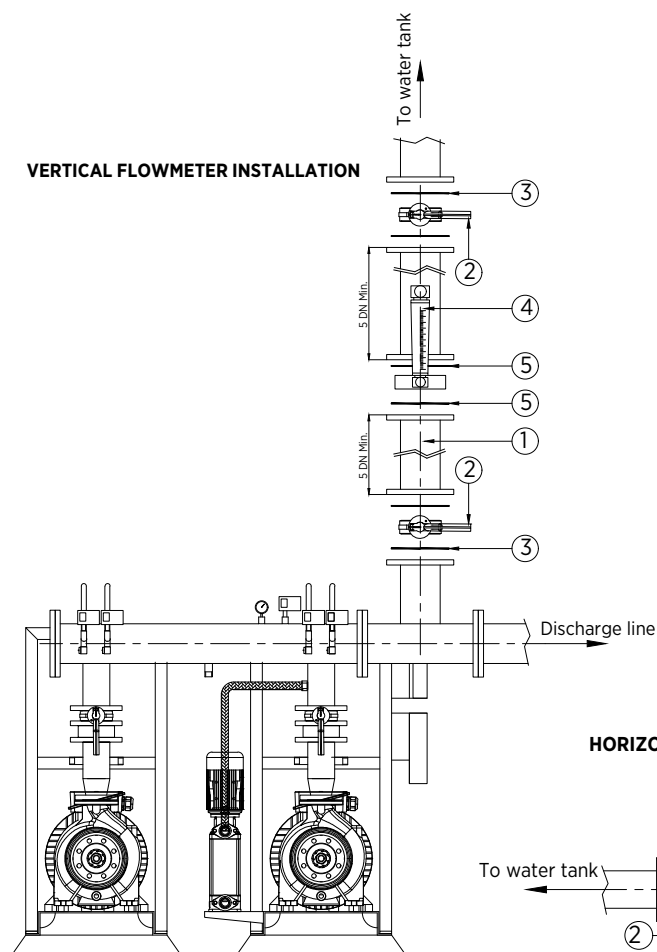
DN	40	50	65	80	100	125	150	200	250	300
Q.m <sup>3</sup> /h H <sub>2</sub> O	40	65	100	150	200	420	450	800	1000	1000

(\*)  $\Delta P$  max 19000 mmH<sub>2</sub>O

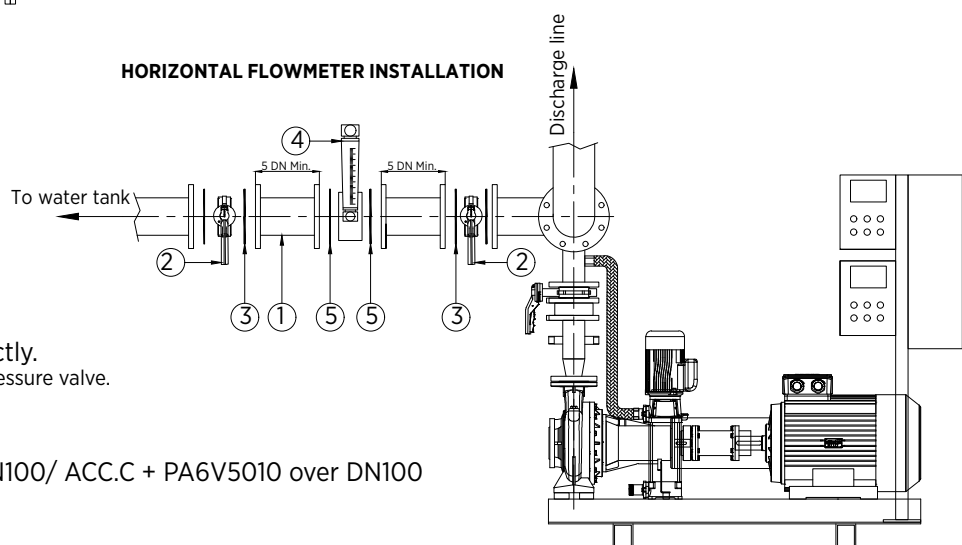
(\*\*)  $\Delta P$  max 13000 mmH<sub>2</sub>O

## INSTALLATION POSSIBILITIES

### VERTICAL FLOWMETER INSTALLATION



### HORIZONTAL FLOWMETER INSTALLATION



Flowmeter should be installed correctly.  
The outlet valve also functions as the back pressure valve.

## MATERIALS

Body Material : PA6V5010 up to DN100/ ACC.C + PA6V5010 over DN100  
Diaphragm : AISI 304  
Float : AISI 316  
Gasket : NBR  
Measuring Pipe : Polycarbonate

### PIPE DIAMETER

	PIPE DIAMETER
40	Ø48.3 Sp.3.2
50	Ø60.3 Sp.3.6
65	Ø76.1 Sp.2.6
80	Ø88.9 Sp.2.9
100	Ø114.3 Sp.3.2
125	Ø139.7 Sp.3.6
150	Ø168.3 Sp.4
200	Ø219.1 Sp.5
250	Ø273 Sp.6.35
300	Ø323.9 Sp.6.35

### NAME

	NAME
1	Pipe
2	Valve
3	Valve Gasket
4	Flowmeter
5	Flowmeter Gasket