



COMPANY  
MANAGEMENT SYSTEM  
CERTIFIED BY DNV GL  
ISO 9001 – ISO 14001  
OHSAS 18001



## MID MI-001

Multi-jet water meter with  
protected rollers

PREGASSUS

# PEGASUS

## Multi-jet water meter with protected rollers

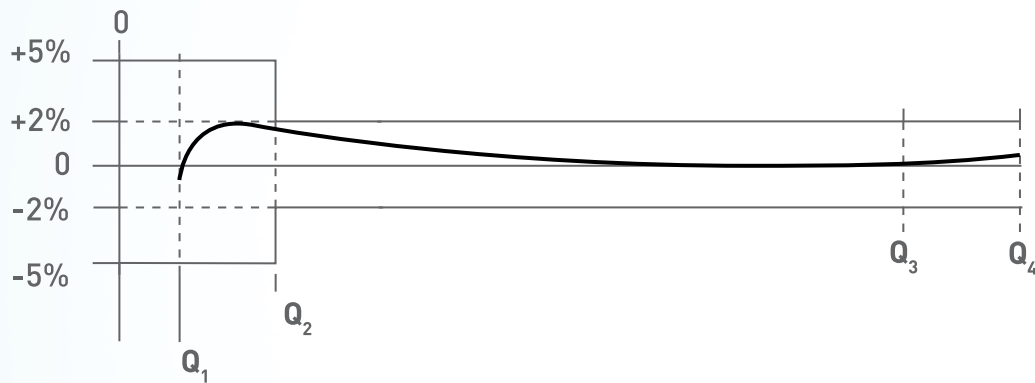
### PERFORMANCE ACCORDING TO MID 2014/32/UE DIRECTIVE \* AS AMENDED

| SIZE  |        | PERMANENT FLOW<br>Q <sub>3</sub> (m <sup>3</sup> /h) | MAXIMUM FLOW<br>Q <sub>4</sub> (m <sup>3</sup> /h) | TRANSITIONAL FLOW<br>Q <sub>2</sub> (L/h) | MINIMUM FLOW<br>Q <sub>1</sub> (L/h) | WORKING PRESSURE<br>(bar) | MINIMUM READING<br>(l) | MAXIMUM READING<br>(m <sup>3</sup> ) | TEMPERATURE CLASS |
|-------|--------|--|--|---|--------------------------------------|---------------------------|------------------------|--------------------------------------|-------------------|
| (mm)  | (inch) |  |  |   |                                      |                           |                        |                                      |                   |
| 13/15 | 1/2"   | 2,5  | 3,125  | 25  | 15,6                                 | 16                        | 0,05                   | 99.999                               | T30/T50           |
| 20    | 3/4"   | 4,0  | 5,000  | 40  | 25,0                                 | 16                        | 0,05                   | 99.999                               | T30/T50           |
| 25    | 1"     | 6,3  | 7,875  | 63  | 39,4                                 | 16                        | 0,05                   | 99.999                               | T30/T50           |
| 30    | 1-1/4" | 10,0   | 12,500   | 100                                       | 62,5                                 | 16                        | 0,05                   | 99.999                               | T30/T50           |
| 40    | 1-1/2" | 16,0   | 20,000   | 160                                       | 100,0                                | 16                        | 0,05                   | 999.999                              | T30/T50           |
| 50    | 2"     | 25,0   | 31,25  | 160                                       | 100,0                                | 16                        | 0,05                   | 999.999                              | T30/T50           |

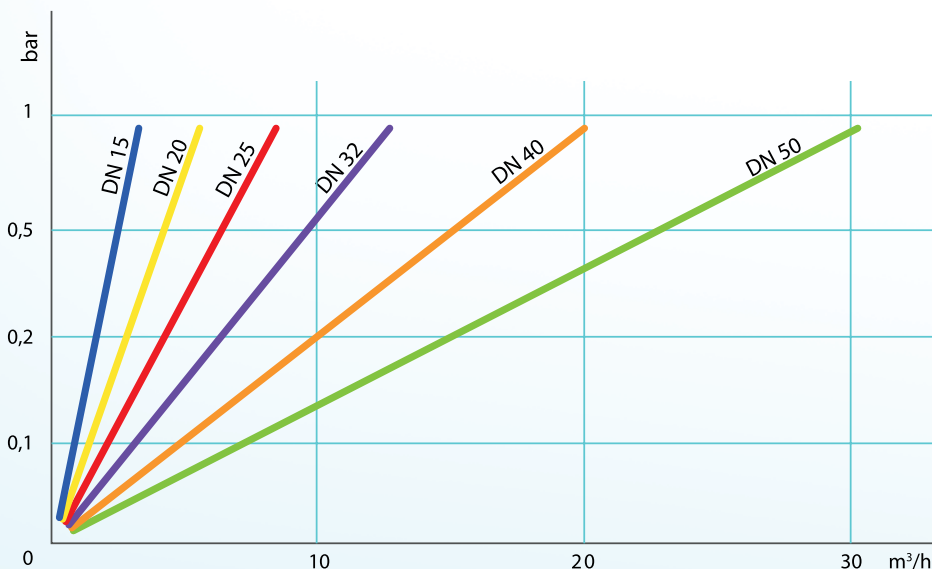
\* It replaces the MID 2004/22/CE Directive.

Metrological class MID (Q<sub>3</sub>/Q<sub>1</sub>) R ≥ 160

### TYPICAL ERROR CURVE



### PRESSURE LOSS DIAGRAM



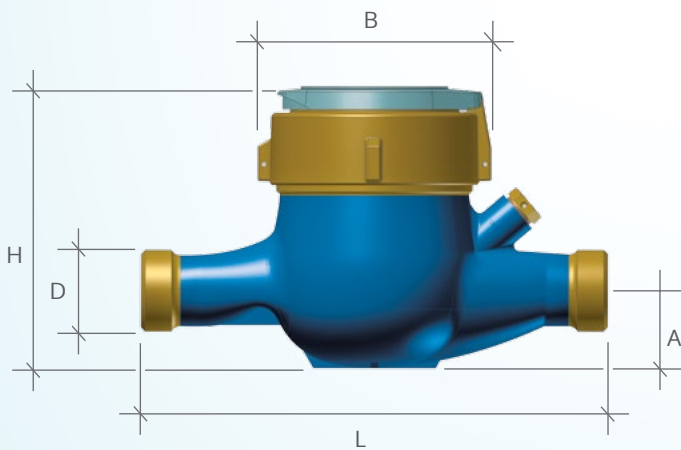
## OPTO



## HALL



## DIMENSIONS



| (mm)<br>SIZE<br>(inch)                | 13/15                            | 20                | 25                | 30                | 40         | 50     |
|---------------------------------------|----------------------------------|-------------------|-------------------|-------------------|------------|--------|
|                                       | 1/2"                             | 3/4"              | 1"                | 1" 1/4            | 1" 1/2     | 2"     |
| L (mm)                                | 110 -130<br>145 -160<br>165 -170 | 130<br>160<br>190 | 160<br>220<br>260 | 160<br>220<br>260 | 200<br>300 | 300    |
| H (mm)                                | 120                              | 120               | 135               | 135               | 150        | 175    |
| A (mm)                                | 35                               | 35                | 45                | 45                | 45         | 70     |
| B (mm)                                | 96                               | 96                | 100               | 100               | 136        | 147    |
| D (inch)                              | 3/4"                             | 1"                | 1"1/4             | 1" 1/2            | 2"         | 2" 1/2 |
| TOTAL LENGTH<br>OF CONNECTORS<br>(mm) | 80                               | 100               | 100               | 120               | 140        | 160    |

Size **DN 50** mm is available also in flanged version  
ISO PN 10/16

**For additional information and options, do not hesitate to contact us**



## **WATERTECH S.P.A. - Water meters**

**Factory, commercial main office and administration:**

Str. Antica Fornace, 2/4 • 14053 Canelli (AT) – Italy

**Tel** +39 0141 822106-832151 • **Fax** +39 0141 832191-832198

**Mail** [info@wtmeters.it](mailto:info@wtmeters.it) • **Web** [www.wtmeters.it](http://www.wtmeters.it)