



Velocity meter Single-Jet for Potable Water Residential Use



Main features

Hermetically sealed register
Tamper-proof shielding
Flat or 45° register
Meter body in brass
Magnetic transmission
Exceptional measuring range R160 / R200 (H)
Optional differential threads (G7/8 x G3/4)
Pre-equipped totalizer for AMR technology, according to customer requirements
Body available in 115mm length
Technical material requirements comply with NTC 4064 and Resolution 0501 of 2017 issued by the Ministry of housing, City, and Territory

Technical information

Performance under extreme conditions: Suitable for operation at maximum pressure conditions of up to 16 bar.

Accessory description: Includes a set of couplings for installation.

Loading recommendations: Packaged in boxes of 10 meters for ease of transport and storage.

Lubricant recommendations: n/a

Description of tests to evaluate hydraulic performance: According to NTC ISO 4064-1 and 4064-2:

- Static pressure: The hydraulic pressure supported by the meter is increased for a specified period without causing leaks or deformation.
- Indication errors: A volume of water is passed through the meter and collected in a volumetric container. Indication errors are calculated by comparing the readings from the meter under reference conditions against the calibrated reference device (volumetric container).

Preventive and corrective maintenance instructions: No maintenance required.

Application

Reliable metering for billing of all types of water up to 30°C.

High-impact polycarbonate dome

Measurement of medium and high flow Rates

Measurement of minimum flow rates during low demand periods

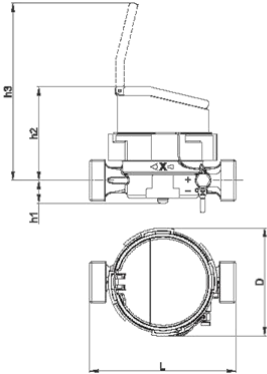
Service life: minimum 10 years based on materials, meet requirements

Accurate and reliable Reading in horizontal installation

Technical characteristics

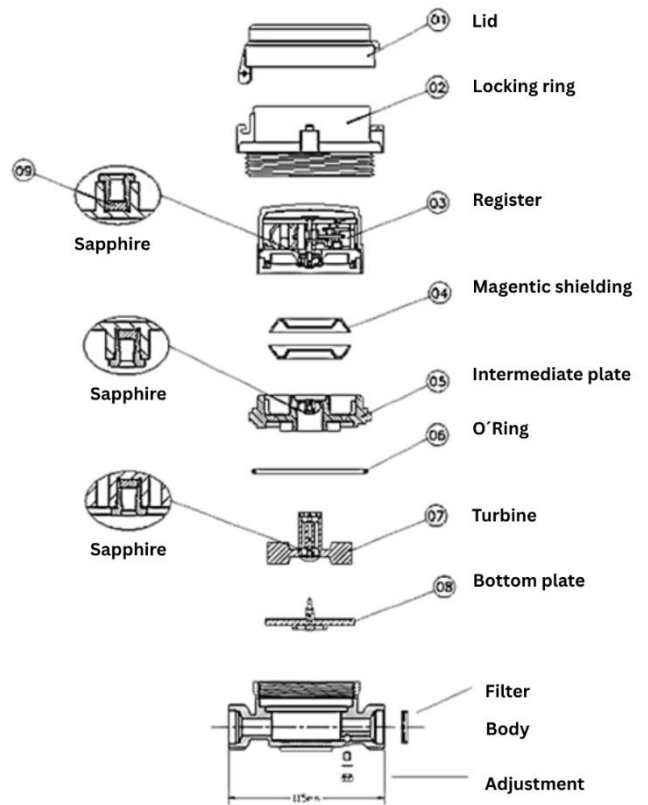
Nominal Diameter	DN	mm	15	
Size	Inch	Inches	½"	
Measuring Range	R	Q3/Q1	160	200
Overload Flow Rate (Q4)	+/-2%	l/h	3.125	3.125
Permanent Flow Rate (Q3)	+/-2%	l/h	2.500	2.500
Transitional Flow Rate (Q2)	+/-5%	l/h	25	20
Minimum Flow Rate (Q1)	+/-5%	l/h	15,6	12,5
Minimum Reading		l	00,2	
Maximum Reading		m3	9.999	
Maximum Admissible Pressure		bar	16	

Dimensions

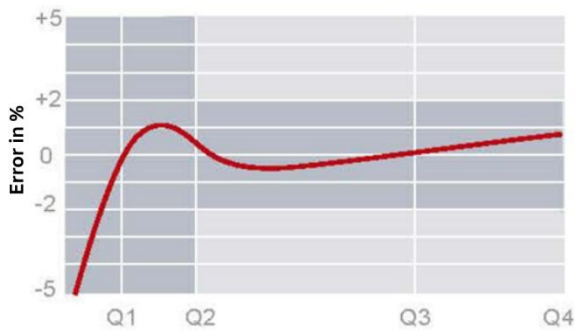


Nominal Diameter	DN	mm	15
Size	Inch	Inches	½"
Length without fittings	A	mm	115
Length with fittings	B	mm	195
Height with lid closed	C	mm	92
Height with lid open	D	mm	140
Maximum diameter	E	mm	85
Thread		Inches	G ¾" B
Weight	With fittings	Kg	0,69
	Without fittings	Kg	0,50

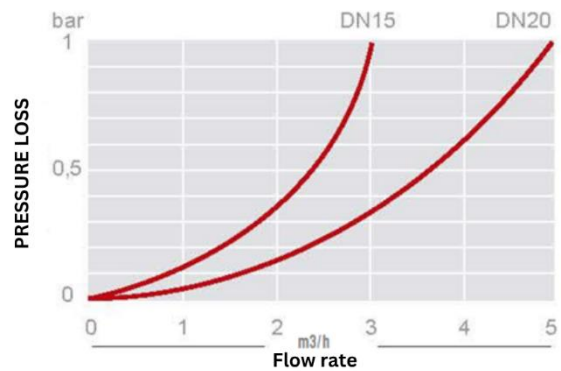
Exploded view



Typical Curve



Pressure Loss Curve



Certifications



Certificado No. CPC-07433-2-B-18
Esquema 5



Certificado No. CPC-07500-1-B-19
Esquema 5

DOCUMENT'S VERIFICATION AND APPROVAL

