

# Single-Jet Meter

**BAR METERS**

## SJZ-K



The **SJZ-K** is a single-jet meter. The operating principle which is based on water passing through the measuring chamber, causing the turbine to turn.

The turbine rotation is magnetically transmitted to the register on which the reading is made. Reading is accomplished by means of pointers and numbered cylinders with high-resolution, shock-resistant dial.

The meter includes a rotating star for flow indication and electronic calibration on the test bench.

Solid and sturdy construction enables its use in multiple applications, especially in the totalling of household consumption.

Designed and constructed according to standards ISO 4064 and EEC Class B.

### Characteristics and Advantages

- Hermetically sealed register capsule
- Dry dial, prevents clouding and dirtying by hard or ferrous water
- The design of the meter makes it possible to repair the meter and replace internal parts ( rotor and register)
- Magnetic transmission
- External calibration
- Low head loss
- Corrosion resistant body
- Revolving register (360°)
- Turbine and register made of special high-impact plastic, stainless steel and Tungsten axles
- Leak detector

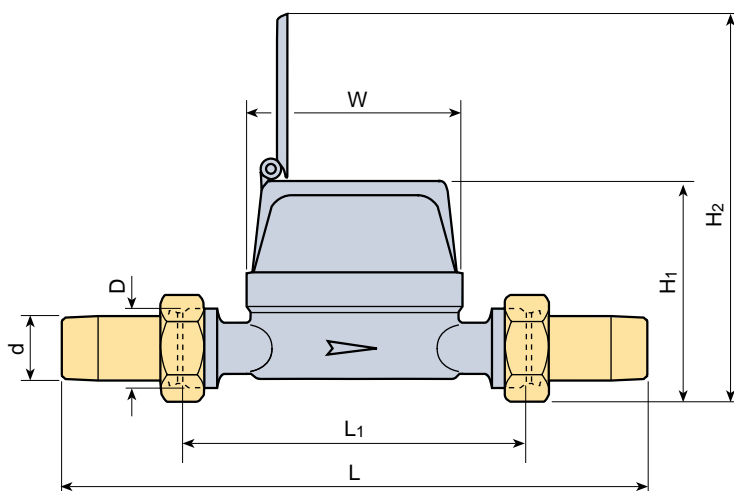
### Operating Conditions

- Water temperature up to 50°C
- Horizontal installation
- Pressure rating: PN 10

## Dimensions and Weights

Nominal diameter		DN	15 mm
Length without couplers *		L <sub>1</sub>	110 mm
Length with couplers		L	205 mm
Height		H <sub>1</sub>	85 mm
Maximum height		H <sub>2</sub>	160 mm
Width		W	82 mm
Approximate weight			0.72 kg
Connections	Body	D	3/4"
	Connectors	d	1/2"

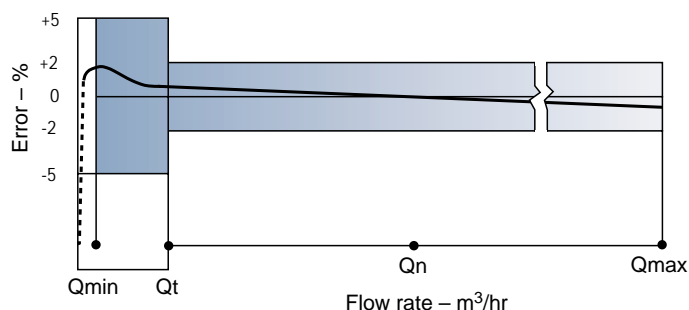
\* Optional: 80 mm adaptor coupler = total length of the meter 190 mm



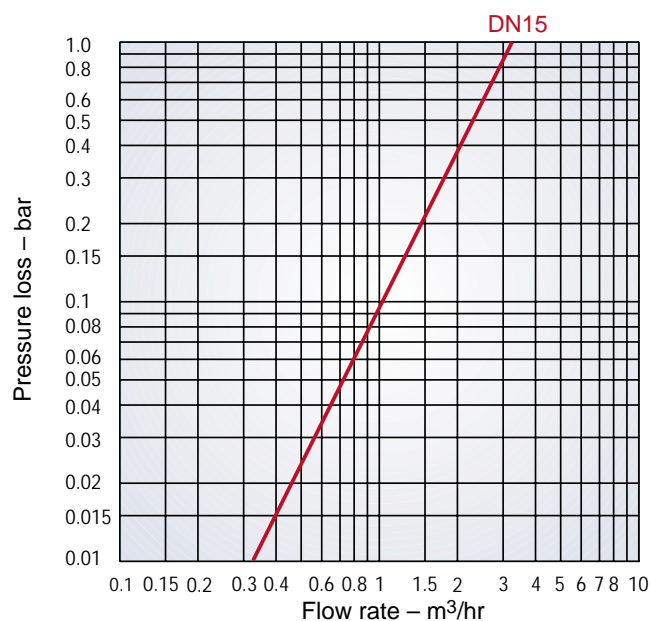
## Metrological Data

Nominal diameter	15 mm
	1/2"
Nominal flow rate ( $Q_n$ )	1.5 m <sup>3</sup> /hr
Maximum flow rate ( $Q_{max}$ )	3 m <sup>3</sup> /hr
Transition flow rate ( $Q_t$ )	120 l/hr
Minimum flow rate ( $Q_{min}$ )	30 l/hr

## Typical Error Curve



## Pressure Loss Curve



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