



Coaxial concentric connection water meter

- Directive 2014/32/EU approved
- Single jet
- Super dry dial
- Magnetic drive
- Transparent plastic cover
- Chrome plated body and shut-off valve
- Suitable for use with cold (T50) or hot (T90) water
- 360-degree rotatable dial
- Direct read dial with 8 numbered drums
- Horizontal and vertical installation
- Retrofittable with an inductive pulser, a radio module or an M-Bus module

DESCRIPTION

The VTZ is a coaxial concentric connection water meter designed to measure the consumption of a single tap, for example a sink or bathtub.

FUNCTIONAL FEATURES

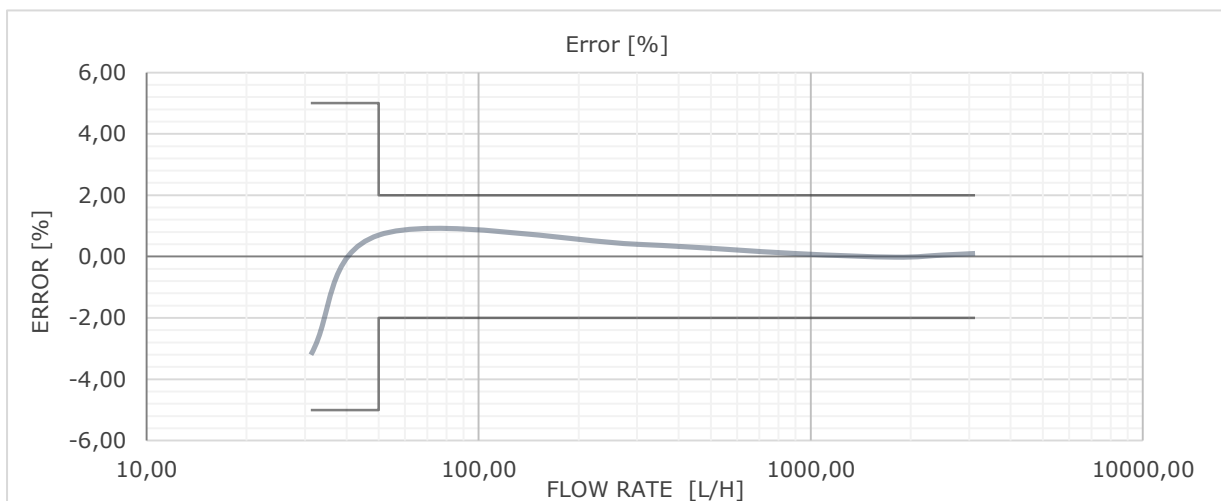
The VTZ can be mounted where shut-off valves or gate valves are found. It is especially designed to be retrofitted to existing shut-off valves. It is equipped with a chrome plated connector that replaces the existing tap.

STRUCTURAL FEATURES

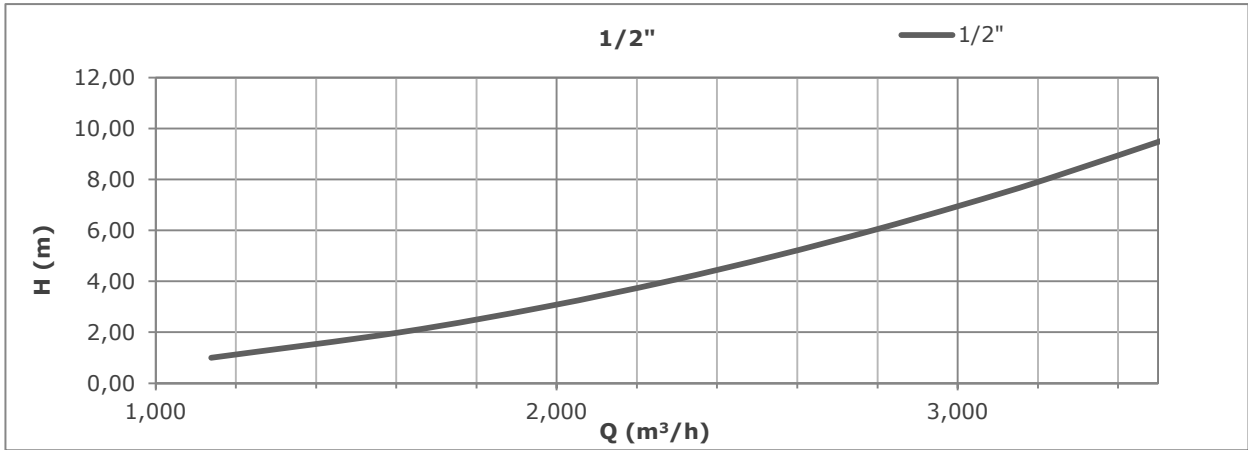
The VTZ is designed for easy installation and consists of three main components:

- **Measuring cartridge** (single jet, coaxial concentric connection water meter)
- Chrome plated **brass valve connector** equipped with a tap for opening and closing the valve
- **Extension** for fitting the valve connector in a shut-off valve; sizes available: 40, 60, 80, 100, 120, 140, 160 or 180 mm

TYPICAL ERROR CURVE



HEAD LOSS DIAGRAM



HYDRAULIC PERFORMANCE AND DIMENSIONS

SIZE	mm	15/20
MID metrological class - (Q_3/Q_1)		R80 H/R40 V
Q_1 H	m^3/h	0.03125
Q_1 V		0.0625
Q_2 H	m^3/h	0.05
Q_2 V		0.1
Q_3	m^3/h	2.5
Q_4	m^3/h	3.125
Q_2/Q_1		1.6
Temperature class		T50/T90
Flow profile sensitivity classes		U0/D0
Installation position		H/V
Head loss (ΔP a Q_3)		ΔP 63
Maximum allowable pressure (MAP)	bar	10
Maximum registration	m^3	99 999
Minimum registration	m^3	0.0005
Coupling size	mm	15, 20, 25
Length (cartridge)	mm	110
Height (cartridge)	mm	65
Weight (cartridge)	kg	0.28

