

# TAVOR

Multi-Jet High Performance Water Meter



The TAVOR multi jet water meter is now available with enhanced hydraulic performance and reinforced body ready to be integrated into your water system Security.

## Application

For domestic consumption

## Available Sizes

½" (15mm) | ¾" (20mm)

## Features

- Sealed super dry magnetic register
- 6 digits counter + 3 pointers for high accuracy measurement readout
- Central "star" used for leak detection and electronic testing
- Lightweight, rotatable register for convenient positioning of dial
- Copper-Glass sealed register
- Security ring against anti vandalism
- Long life due to high technology components in measurement chamber
- Standards: MID 2014/32/EU (based on OIML R49 EN 14154 and ISO 4064:2014)



## Technical Specifications

Maximum Working Pressure	16 bar
Maximum Working Temperature	50°C
Meter body material	Highly reinforced composite material
Body	BSP, NPSM
Inlet / Outlet Threads	¾" (For pipe line ½")   1" (For pipe line ¾")
Register	IP68

**Tavor**

**ARAD**  
Water Measuring Technologies

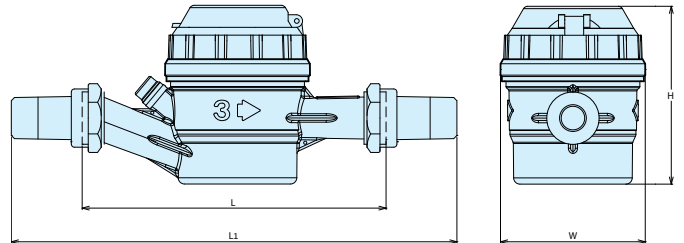
| Residential

# Tavor

Multi-Jet High Performance Water Meter

## Dimensions

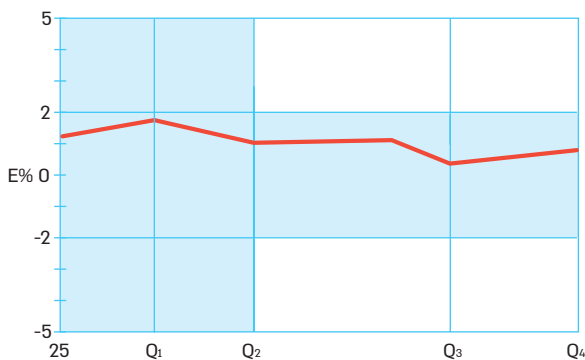
Model		Tavor		
Nominal size	(mm)	15, 20		
	(inch)	½, ¾		
L – Length without couplings (mm)		165	170	190
L <sub>1</sub> – Length with couplings (mm)		257	262	282
W – Width (mm)		113	113	113
H – Height (mm)		122	122	122
Weight - plastic body (kg)		0.48	0.48	0.50
Weight with couplings - plastic body (kg)		0.53	0.53	0.55



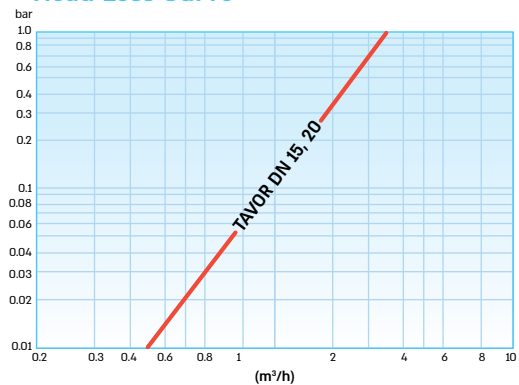
## Performance data according ISO 4064

Model Tavor		Q1	Q2	Q3	Q4	Maximum Register capacity	R Value	Smallest readable unit	Accuracy between Q4 & Q2	Accuracy between Q2 & Q1
Nominal size		Minimum flowrate	Transitional flowrate	Nominal flowrate	Maximum flowrate	(m3)		(Liter)		
(mm)	(inch)	(l/h)	(l/h)	(m3/h)	(m3/h)					
DN15	½"	25	40	2.5	3.125	10 <sup>5</sup>	100	0.05	2%	5%
DN20	¾"									

## Accuracy Curve



## Head Loss Curve



## Installation

- The meter should be installed in horizontal position dial face up.
- Pipeline must be flushed before installation.
- The meter should be constantly full of water.