

Woltmann Water Meter - Threaded BSP



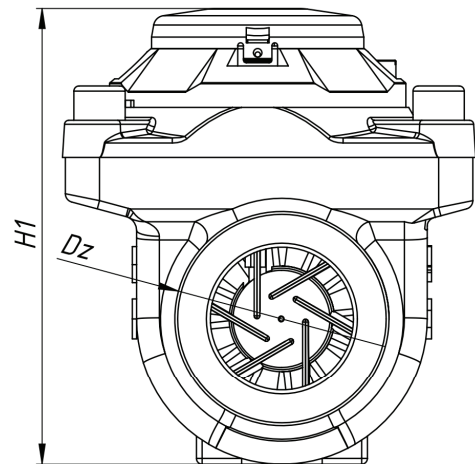
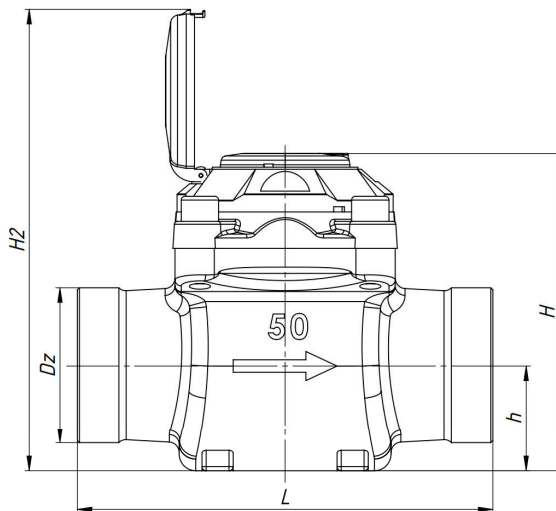
Cast Iron Epoxy Coated Body, Dry Dial.
For Horizontal or Vertical Installation.

Pressure / Temperature Specifications

Maximum Pressure	PN16
Maximum Temperature	30°C

Dimensions

Size	L	H	H1	H2	h	Dz
2"	200	154	160	221.5	51	75.2



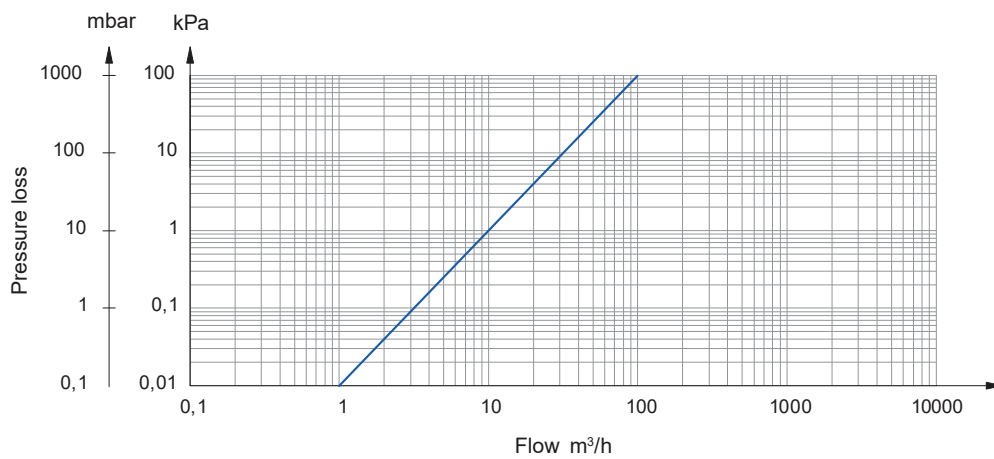
Technical Parameters

Size	Unit	2"
Permanent Flow Rate (Q_3)	m ³ /h	40.0
Overload Flow Rate (Q_4)	m ³ /h	50.0
Transitional Flow Rate (Q_2)	m ³ /h	0.64
Minimum Flow Rate (Q_1)	m ³ /h	0.4
Starting Flow	m ³ /h	0.15
R Measuring Rate (Q_3 / Q_1)		100
Coefficient (Q_2 / Q_1)		1.6
Maximum Pressure Loss		U0 / D0
Flow Profile Sensitivity Class	m ³	10 ⁶
Indication Range	m ³	0.0005
Resolution of Reading (Pmax)		MAP16 = 16 Bar
Maximum Allowable Pressure	Bar	0.3 to 16
Operating Pressure Range (ΔP)	kPa	16
Operating Orientation		Horizontal or Vertical
Permissible Error Range: $Q_2 \leq Q \leq Q_4$ (ϵ)	%	± 2 for $0.1^\circ\text{C} \leq T \leq 30^\circ\text{C}$ Cold Water
Permissible Error Range: $Q_1 \leq Q \leq Q_2$ (ϵ)	%	± 5
Reed Relay Pulse Transmitter NK	ϵ dm ³ /imp.	100

Continues on Page 2

Woltmann Water Meter - Threaded BSP

Pressure Loss Chart



Typical Error Diagram

Error [%]

