

WOLTMAN WATER METER

MODEL HRV-W



HRV-W:

It is a meter that uses an axial turbine as a speed sensor, the axis of the turbine coincides with the axis of passage of the water, with magnetic transmission and dry sphere. The special design of the turbine allows it to work with high sensitivity at low flow rates.

The measuring insert is encapsulated and rotatable. The viewfinder does not fog up on the inside, ensuring easy reading. The pressure drop due to measurement effects is minimal. Our Woltman meters are characterized by their high measurement stability.

The HRV-W model has the following characteristics:

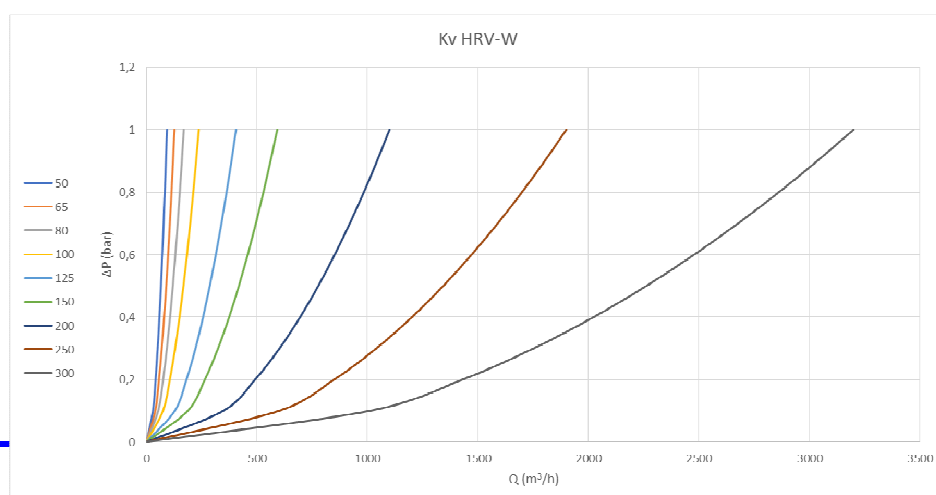
- ★ Approved **U0-D0** (does not need straight sections upstream or downstream).
- ★ Body in cast iron GG-25 with epoxy paint for food use.
- ★ Fully removable mechanism without the need to disassemble the meter from the pipeline and made of technical plastics in combination with stainless steel for the metal parts.
- ★ Optimal hydraulic performance. The meter has the following certificates:

-Certificate of Type Examination for irrigation water by the CEM (Spanish Metrology Center) according to Royal Decree 244/2016, of June 3, which develops Law 32/2014, of December 22, of Metrology and Order ITC / 279/2008, of January 31, which regulates the state metrological control of cold water meters, types A and B.

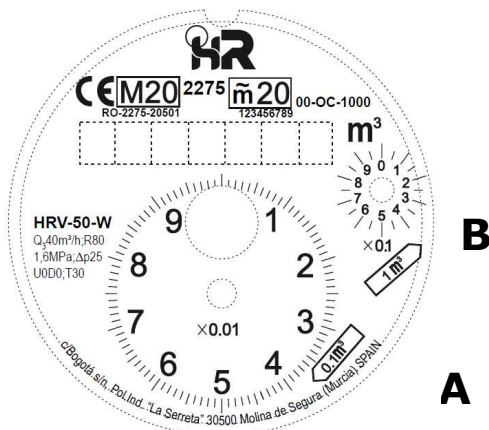
-Certificate of Conformity for drinking water of Model MID (equivalent to Class B) according to European Directive 2014/32 / EU and Royal Decree 889/2006 of July 21, complying with the UNE EN 14154, ISO 4064 and OIML R49 standards throughout its range.

- ★ Pre-equipped for pulse emission type Reed.
- ★ 360° orientable register with IP 68 degree of protection and direct totalization by means of numbered rollers.
- ★ Dry and watertight sphere, with direct magnetic transmission. Mixed reading by central needle and numbered drums, very wide verification step.

HEAD LOSS:



TECHNICAL DATA										
MODEL HRV-W	Unidad	50	65	80	100	125	150	200	250	300
Overload flow Q ₄	m ³ /h	50	78,75	78,75	125	200	312,50	500	787,50	1250
Permanent flow Q ₃	m ³ /h	40	40	63	100	160	250	400	630	1000
Transition flow Q ₂	m ³ /h	1,28	1,28	1,26	2	3,20	5	8	12,60	20,00
Minimum flow Q ₁	m ³ /h	0,50	0,50	0,79	1,25	2	3,125	5	7,875	12,50
Maximum pressure	Bar	16								
Dynamic range Q ₃ /Q ₁	R80									
Flow profile	U0D0									
Model approval	RO-2275-20501									
Minimum reading	l	0,5	0,5	0,5	0,5	0,5	5	5	50	50
Maximum reading	m ³	9.999.999,99								
Weight	Kg	12	13	15	16,50	22	41	53,50	99	105
Length (L)	mm	200	200	225	250	250	300	350	450	450
Heigh (H)	mm	257	267	277	287	297	375	400	484	506
Temperature range	°C	T30								
Body	Cast iron									
Pulse emitter (TIPO REED IP67)	m ³					K = 0,1 K = 1			K = 1 -	K = 1 -



	DN 50 / 200	DN250/300
A	K = 100 1 Pulse / 100 liters	K = 1.000 1 Pulso / 1.000 liters (1m ³)
B	K = 1.000 1 Pulse / 1.000 liters (1m ³)	-

Installation instructions for the "REED" type pulse emitter:

- ✓ After having identified the pulse we need, insert the pulse emitter into the hole in the housing until you hear a "click".



Fig.1



Fig.2