

TECHNICAL DATA

- Type: Woltmann water meter.
- Material: Cast iron body
- Pre-installation for pulse emitter.
- Diameter from 50 to over 300 mm.
- Clockwork with the vacuum-tight dial.
- Metrology R50 in a horizontal position.
- Pressure loss class $\Delta p 10$ (0,1 bar).
- Easy to read totaliser.
- U10/D0 (U0S/D0 with flow stabilizer $L=3 \times DN$)
- Maximum working pressure: 16 bar.
- Maximum temperature: $0.1^\circ\text{C} / +30^\circ\text{C}$
- Max.Error (%): $Q_1 \leq Q < Q_2: \pm 5\%$
 $Q_2 \leq Q \leq Q_3: \pm 2\%$

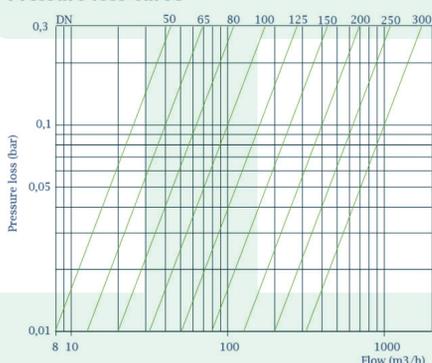
APPLICATION

Water distribution.

MAIN MATERIAL

No.	Parts name	Material
1	Cover	Cast iron
2	Casing	Cast iron
3	Watches	Assembly
4	Control paddle shaft	Brass
5	Helix support	Plastic
6	Spindle group	Assembly
7	Body	Cast iron

Pressure loss curve



Subject to change without prior notice.

STANDARDS

- Flanges drilled according to EN 1092-1.
- Painting: Epoxy power coating.

DIMENSIONS

DN (mm)	A (mm)	C (mm)	D (mm)	N x d	Weight (kg)
50	200	260	165	4x18	11,74
65	200	260	185	4x18	13,13
80	225	280	200	8x18	15,34
100	250	290	220	8x18	17,02
125	250	300	250	8x18	22,74
150	300	330	285	8x22	29,90
200	350	370	340	12x22	41,70
250	450	470	405	12x26	58,65
300	500	492	460	12x26	70,60

* Bigger size available upon request.

TECHNICAL SPECIFICATIONS

DN (mm)	Q4 (m3/h)	Q3 (m3/h)	Q2 (m3/h)	Q1 (m3/h)	Min. reading (m3)	Max. reading (m3)	Ratio
50	32,25	25	0,8	0,5	0,0005	9.999.999	R50H
65	50	40	1,28	0,8	0,0005	9.999.999	R50H
80	78,75	63	2,02	1,26	0,0005	9.999.999	R50H
100	125	100	3,20	2,00	0,0005	9.999.999	R50H
125	200	160	5,12	3,2	0,005	99.999.999	R50H
150	312,5	250	8,00	5,00	0,005	99.999.999	R50H
200	500	400	2,80	8,00	0,005	99.999.999	R50H
250	787,5	630	20,16	12,60	0,02	99.999.999	R50H
300	1.250	1.000	32,00	20,00	0,02	99.999.999	R50H

Flow error curve

