MWN WOLTMAN WATER METER

Woltman-type meters are used when it comes to recording large flows with a relatively constant profile. The hydrodynamically optimized turbine operates reliably even at low flow rates.







MATERIAL CHARACTERISTICS

Body: Ductile Cast Iron with Epoxy Coating

Plastic Turbine or Propeller: Polycarbonate, Polypropylene, Stainless Steel 316

Tote: Polycarbonate

Reading Rollers: Technical plastic

Transmission Mechanism: Magnets (for dry magnetic transmission)

OPERATING CHARACTERISTICS

Measurement Type: Flow through a turbine with parallel axis.

Registration: Dry (separated from water) with IP65 protection.

Connection: Flanges

Maximum Pressure: 16 bar

MODELS

CODE	SIZE	CONNECTION	Q M3	R (Q3/Q1)	UNITS/BOX	RRP (€)
10003036	50	2”	25	R100	1	**379**
10003037	65	2-1/2”	30	R125	1	**398**
10003038	80	3”	40	R160	1	**447**
10003039	100	4”	80	R200	1	**501**
10003040	125	5”	100	R160	1	**671**
10003041	150	6”	160	R200	1	**780**
10003042	200	8“	200	R125	1	**1.022**
10003043	250	10”	300	R100	1	**1.624**

R = Q3/Q1. DN300: R125.

ACCESSORIES



REED MWN EMITTER		
CODE	MODEL	RRP (€)
10013012	EMISOR REED	**52**



butterfly valves

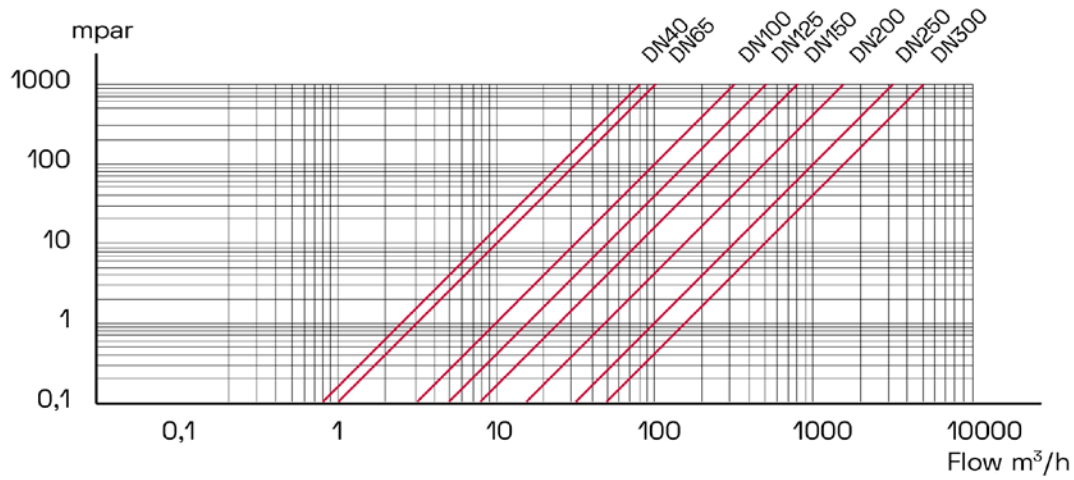
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basket pre-filters

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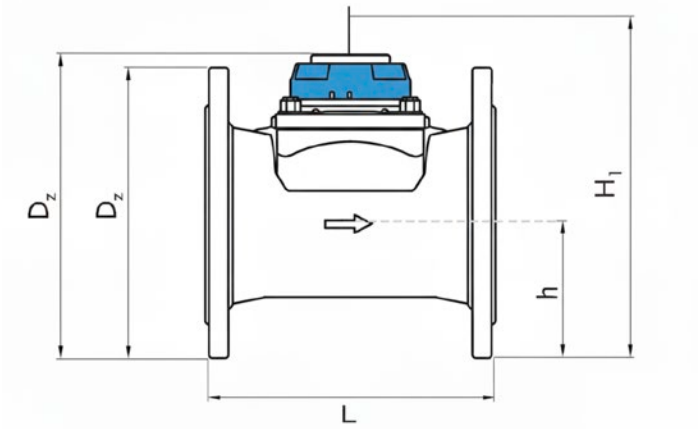
PRESSURE LOSS



FLOW RATE

DN	CAUDAL PERMANENTE	CAUDAL DE OVERLOAD FLOW	CAUDAL DE TRANSITION	MINIMUM FLOW	CAUDAL DE ARRANQUE
	Q3 m3/h	Q4 m3/h	Q2 dm3/h	Q1 dm3/h	–
50	40	50	0,64	0,4	0,15
65	63	78,75	0,806	0,504	0,2
80	100	125	1	0,625	0,25
100	160	200	1,28	0,8	0,25
125	250	312,5	2,5	1,563	0,5
150	400	500	3,2	2	1,0
200	630	787,5	8,064	5,04	1,5
250	1000	1250	16	10	3
300	1600	2000	20,48 25,6	12,8 16	8

DIMENSIONS



DN	L	h	H	H_1	D_z	KG
50	200	72	187	287	165	9,9
65	200	83	197	297	185	10,6
80	225	95	219	239	200	13,3/13,8***
100	250	105	229	349	220	15,6
125	250	120	257	377	250	18,1
150	300	135	357	582	285	40,1
200	350	160	382	607	340	51,1
250	450	193	427	652	400	75,1
300	500	230	497	722	460	103,1