

Ref. : CE 4242

Rev. : B

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FLANGED TYPE PN16 WOLTMANN WATER METER

CE 4242



APPLICATION

Water distribution.

GENERAL CHARACTERISTICS

Individual water meter with very high accuracy.
Horizontal installation.
Dry dial .
Low pressure drop.
Easy maintenance.

Epoxy powder RAL 5015 thickness 170 microns



DIMENSIONS

DN	mm	60	65	80	100	125	150	200	250	300	400	500
	inch	2"	2" 1/2	3"	4"	5"	6"	8"	10"	12"	16"	20"
L		200	200	225	250	250	300	350	450	500	600	800
H		252	262	272	282	297	341	371	480	516	647	785

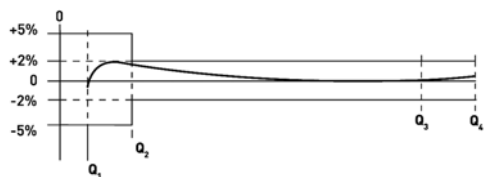
FLOWS

DN		Permanent flow	Maximum flow	Transition flow	Minimum flow	Minimum value	Maximum value	Temperature range
mm	inch	Q ₃ (m3/h)	Q ₄ (m3/h)	Q ₂ (l/h)	Q ₁ (l/h)	(liter)	(m ³)	
50	2"	40	50	800	500	0,5	999.999	T30/T50
65	2" 1/2	63	78,75	1260	788	0,5	999.999	T30/T50
80	3"	63	78,75	1260	788	0,5	999.999	T30/T50
100	4"	100	125	2000	1250	0,5	999.999	T30/T50
125	5"	160	200	3200	2000	0,5	999.999	T30/T50
150	6"	250	312	5000	3125	5	9.999.999	T30/T50
200	8"	400	500	8000	50000	5	9.999.999	T30/T50
250	10"	630	787,5	12600	7875	50	99.999.999	T30/T50
300	12"	1000	1250	20000	12500	50	99.999.999	T30/T50
400	16"	1600	2000	32000	20000	50	99.999.999	T30/T50
500	20"	2500	3125	50000	31250	50	99.999.999	T30/T50

WORKING CONDITIONS

Maximum working pressure: 16 bar.

TYPICAL ACCURACY CURVE



Metrological range MID (Q3/Q1) R=80

HEAD LOSS

