



MODEL : NWGWC-50~300

Woltman removable dry dial meter

FEATURES

- Dry dial Magnetic drive
- Technical data confirming to ISO 4064 Standard
- Interchangeable spare parts
- Vacuum sealed Copper Can Register giving IP-68 protection
- AMR Ready
- Accuracy R-100
- Available for cold / hot water
- Body material can be Cast Iron / Ductile Iron / SS 304 / SS 316
- Flange Standard can be customized
- Working Pressure PN 10/16/25
- Installation U10D5



NISSEI INDUSTRIAL & METERING CO.

FACTORY ADDRESS NO 563 , PANLONG 2ND ROAD , XIAMEN CHINA ,

CHINA OFFICE ADDRESS : 601, AOLISAI MANSION, 958 NORTH QIANHU RD NINGBO CHINA

UAE OFFICE ADDRESS : UNIT 3025 KAGUNA TOWER CLUSTER A JLT DUBAI UAE

UAE WHATS APP / MOBILE PHONE +971543995281 , CHINA WHATS APP / MOBILE PHONE : +86 18668567878

WWW.NWGWATERMETERS.COM : E MAIL EXPORT@NWGWATERMETERS.COM : NWGMETERS@GMAIL.COM



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Main Technical Specification

Main technical parameters and dimensions

Dimensions		Size	DN 50	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200	DN 250	DN 300
L			200	200	225	250	250	300	350	450	500
H			253	268	284	295	310	339	382	438	488
D1			165	185	200	220	250	285	340	395-405	445-480
D2			125	145	160	180	210	240	295	350-355	400-410
nxM			4xM16	4xM16	8xM16	8xM16	8xM16	8xM20	8-12xM20	12xM20-24	12xM20-24

Data Sheet	W-50-E	W-65-E	W-80-E	W-100-E	W-125-E	W-150-E	W-200-E	W-250-E	W-300-E
Diameter - mm	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
Overload flowrate Q_3	≤ 31,25	≤ 50	≤ 78,75	≤ 125	≤ 200	≤ 312,5	≥ 500	≥ 625	≥ 787,5
Permanent flowrate Q_2	≤ 25	≤ 40	≤ 63	≤ 100	≤ 160	≤ 250	≤ 400	≤ 500	≤ 630
Transitional flowrate Q_2	≥ 0,04	≥ 0,064	≥ 0,10	≥ 0,16	≥ 2,56	≥ 4,00	≥ 6,4	≥ 8,0	≥ 10,8
Minimum flowrate Q_1	≥ 0,025	≥ 0,04	≥ 0,063	≥ 0,100	≥ 1,6	≥ 2,5	≥ 4,00	≥ 5,0	≥ 6,3
Measuring range (R) Q_3/Q_1	≤ 100								
Accuracy Class	2								
Temperature class T	T30 / T50								
Water pressure class Bar	MAP 16								
Horizontal length mm	200	200	225	250	250	300	350	450	500
Pressure loss class Bar	ΔP 63								
Flow profile sensitivity class	U10 D5								
Orientation	H (Horizontal)								

Maximum permissible error

- q_1 inclusive up to but excluding q_2 is $\pm 5\%$
- q_2 inclusive up to and including q_4 is $\pm 2\%$ ($\pm 3\%$ for hot water meter)

Working Condition

- Water temperature: $0.1^\circ\text{C} \sim 50^\circ\text{C}$ ($0.1^\circ\text{C} \sim 90^\circ\text{C}$ for hot water meter)
- Water pressure: 1.0Mpa /1.6Mpa /2.5Mpa

Blasted Assembly



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The dimension weight, design color & other things mentioned in the literature are subject to change made from time to time