

INDUSTRIAL WATER METER

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NBWR/1-50~250



NBWR/2-50~500



NBWRH - 50~250

Salient Features of "CHAMBAL MAGNETIC" Water Meter

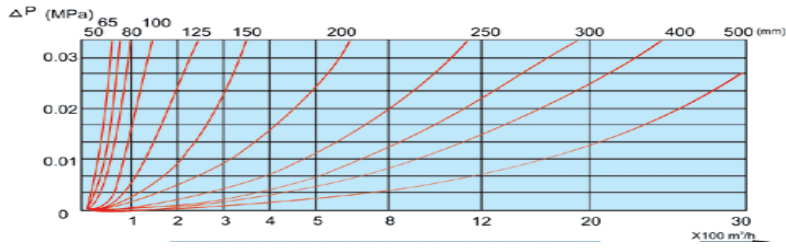
- Dry dial, Magnetic Drive
- Measuring Accuracy Conforming to ISO 4064 CLASS-B
- Interchangeable Spare Parts for easy maintenance
- Online Replacement of entire Mechanism
- Vacuum sealed register for clear reading in longer run
- High Sensitivity, low pressure loss
- Selected High Quality Material for Durability

MAIN TECHNICAL DATA

Meter Size Dia DN (mm)	Class	qs Overload Flow	qt Nominal Flow	qt Transitional Flow	qmin Min Flow	Min Reading lectura	Max Reading lectura
		m ³ /h				m ³	
50		30	15	3	0.45	0.01	999999
65	B	50	25	5	0.75	0.01	999999
80	B	80	40	8	1.2	0.01	999999
100	B	120	60	12	1.8	0.01	999999
125	B	200	100	20	3	0.01	999999
150	B	300	150	30	4.5	0.1	9999999
200	B	500	250	50	7.5	0.1	9999999
250	B	800	400	80	12	0.1	9999999
300	B	1200	600	120	18	1	9999999
400	B	2000	1000	200	30	0.1	9999999
500	B	3000	1500	300	45	0.01	9999999

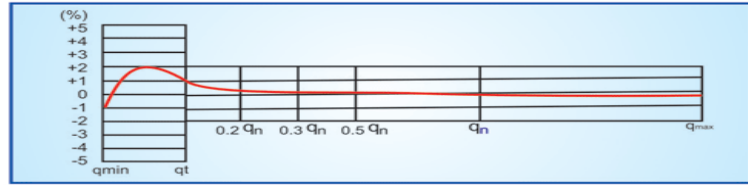
Meter Size Dia DN (mm)	L Length	B Width mm	H Height	Connecting Flange			Wt./ Weight
				D mm	BOLT Circle dia D1 mm	Connecting BOLT dia Pcs	Kg.
50	200	175	250	165	125	4 X M16	12
65	200	185	255	185	145	4 X M16	13
80	225	200	255	200	160	8 X M16	15
100	250	220	275	220	180	8 X M16	19
125	250	245	285	245	210	8 X M16	22
150	300	285	375	285	240	8 X M20	47
200	350	345	400	340	295	8 X M20	48
250	400	395	484	395	350	12 X M20	110
300	450	445	506	445	400	12 X M20	115
400	500	565	621	565	515	16 X M24	180
500	500	670	725	670	620	20 X M24	330

HEAD LOSS CURVE



Indicating Error:
 $\pm 2\%$ from Q_{\max} (inclusive) to Q_t (inclusive)
 $\pm 5\%$ from Q_t (exclusive) to Q_{\min} (inclusive)

FLOW-ERROR CURVE



Working Conditions:
Water Temperature:
 $\leq 45^\circ \text{ c}$ for cold water meter &
 $\leq 90^\circ \text{ c}$ for hot water meter
Working Pressure: 1.6MPa
Maximum Test Pressure: 2.0MPa