

## M 100

### Multi-jet Water Meter ARTIST

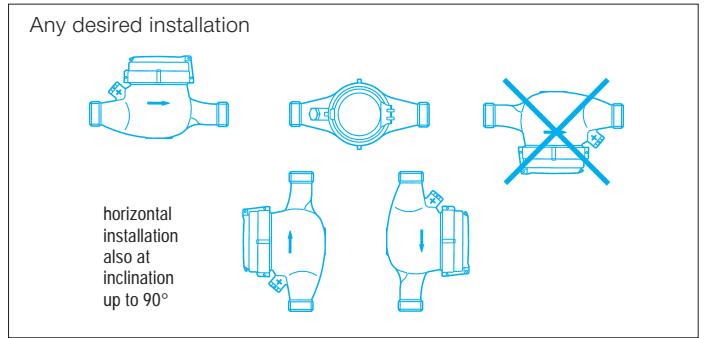
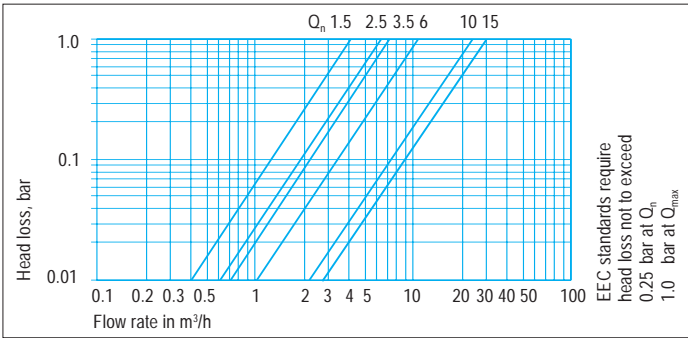
Master of all classes –

for risers, downpipes and for horizontal measuring points



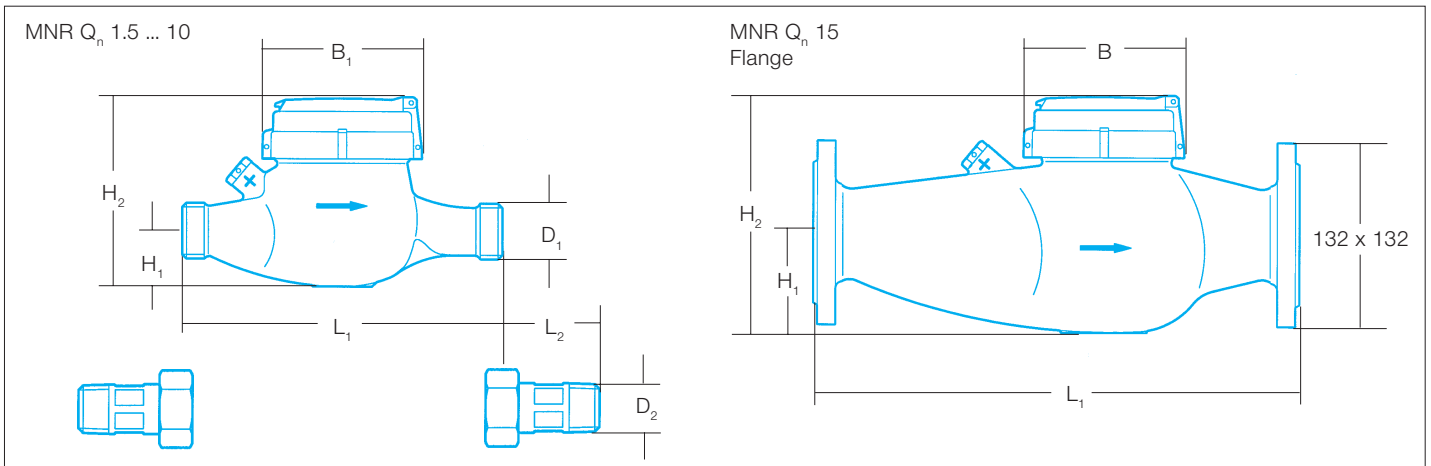
> Water Meter

- ✘ Multi-jet-wet-dial meter for cold water.
- ✘ Nominal flow rate  $Q_n$  1.5 ... 15.
- ✘ Can be installed in almost any desired configuration.
- ✘ Performance characteristics better than class C.
- ✘ ELSTER conText® inscription system.
- ✘ Optionally prepared for pulse contactor.



Multi-jet meter ARTIST		MNR						
Meter size / nominal flow rate	Q <sub>n</sub> m <sup>3</sup> /h	1.5	2.5	6	10	15	15	
Nominal size	DN mm	15	20	25	40	50	50	
	DN inches	3/4	3/4	1	1 1/2	2	2	
<b>Dimensions</b>								
D <sub>1</sub> Meter connection thread	ISO 228/1 inches	G 1 B	G 1 B	G 1 1/4 B	G 2 B	G 2 1/2 B	Flange	
D <sub>2</sub> Connection pipe thread	ISO 7/1 inches	R 3/4	R 3/4	R 1	R 1 1/2	R 2	—	
L <sub>1</sub> Meter length	Standard mm	190	190	260	300	270	270	
L <sub>2</sub> Connector length	mm	50	50	60	70	60	—	
B <sub>1</sub> Width	mm	100	100	100	100	100	100	
H <sub>1</sub> Centerline height	mm	31	31	43	46	46	68	
H <sub>2</sub> Overall height	mm	115	115	130	153	153	160	
Weight	kg	1.5	1.6	2.5	3.7	4.5	8.5	
<b>Performance characteristics</b>								
<b>Class C</b> Horizontal installation								
Maximum flow rate	Q <sub>max</sub> m <sup>3</sup> /h	3	5	12	20	30	30	
Transitional flow rate (±2%)	Q <sub>t</sub> l/h	18	30	55	120	150	150	
Minimum flow rate (±5%)	- Required	15	25	60	100	90	90	
	- Actual	10	18	30	60	75	75	
Starting flow	Q <sub>min</sub> l/h	3.5	5.5	12	14	20	20	
<b>Class B</b> Riser installation								
Maximum flow rate	Q <sub>max</sub> m <sup>3</sup> /h	3	5	12	20	30	30	
Transitional flow rate (±2%)	Q <sub>t</sub> l/h	120	200	480	800	3 000	3 000	
Minimum flow rate (±5%)	- Required	30	50	120	200	450	450	
	- Actual	25	38	90	160	250	250	
Continuous load	approx. 1.6 x Q <sub>n</sub> l/h	2 500	4 000	10 000	16 000	25 000	25 000	
Temperature	T <sub>max</sub> °C	30	30	30	30	30	30	
Pressure rating	PN	16	16	16	16	16	16	
Flow capacity	at 1 bar pressure loss m <sup>3</sup> /h	4.0	6.7	12.8	22	32	32	
<b>Ordering number</b>		on request	on request	on request	on request	on request	on request	

\* typical performance characteristics, exceeds the demands of the metrological class C



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