



### TECHNICAL DATA:

NOMINAL SIZE DN (mm)	Class of measurement	Overload flow-rate qs(m <sup>3</sup> h)	Permanent flow-rate qp(m <sup>3</sup> h)	Transitional flow-rate qt(m <sup>3</sup> h)	Minimum flow-rate qmin(m <sup>3</sup> h)	Minimum Reading min(m <sup>3</sup> )	Maximum Reading max(m <sup>3</sup> )
40	B	20	10	2.0	0.30	0.01	999999
50	B	30	15	3.0	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	0.1	999999
150	B	300	150	30	4.5	0.1	999999x10
200	B	500	250	50	7.5	0.1	999999x10

### OVERALL DIMENSIONS AND WEIGHT

Size (mm)	Length (mm) L	Width (mm) W	Height (mm) H	Output diameter of flange D(mm)	The center diameter of connecting bolt D1(mm)	Connecting bolt (Pcs.)	Weight (kg)
40	245	165	253.5	165	125	4X16	12
50	200	165	266	165	125	4xM16	12
65	200	185	270	185	145	8xM16	13
80	225	200	277	200	160	8xM16	15
100	250	220	285	220	180	8xM20	19
125	250	250	320	250	210	8xM20	23
150	300	285	320	285	240	8xM20	30
200	350	340	375	340	295	12xM20	42



### ACCURACY

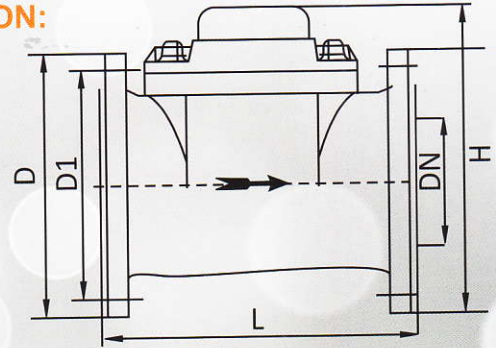
- From minimum flow-rate ( $q_{min}$ ) inclusive, to transitional flow-rate ( $q_t$ ), exclusive:  $\pm 5\%$
- From transitional flow-rate ( $q_t$ ) inclusive, to overload flow-rate ( $q_s$ ), exclusive:  $\pm 2\%$  (Hot water meter:  $\pm 3\%$ )

### FEATURES:

- Dry-dial, magnetic drive
- Vacuum sealed register, frost resistant, keeps clear reading for long time
- Removable measuring unit, easy installation and maintenance
- Measuring high flowrate with low head loss.
- Remote transmission device can be added upon request
- Many kinds of sensors, such as Reed Switch, hall and Weagand can be supplied upon request.
- Pulse output may be, 100L/Pulse, 1000L/Pulse
- The meters conform to ISO4064 Standard Class B

### WORKING CONDITION:

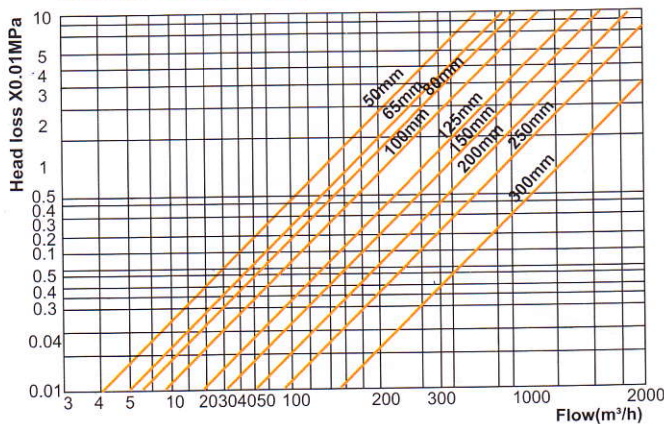
- Water temperature  $< 45^\circ\text{C}$  (Hot water meter  $< 90^\circ\text{C}$ )
- Water pressure  $< 1\text{MPa}$  (PN: 1.6MPa/16bar)
- $\Delta P < 0.03\text{ MPa}$



### CHARACTERISTICS:

- All the materials in contact with water, consciously selected by the known resistance to corrosion;
- Cold water meter under current standard for lower than  $30\text{ C}(T30)$ , but Belanto MULTI G can be used safely in water temperature up to  $50\text{ C}(T50)$ ;
- The ROTARY indicator register for the most comfortable reading position of 7 Rollers and 2 Pointers;
- The ROTARY plastic cap and lid for the most comfortable installation;
- The Impeller is the only moving parts in contact with water permitting the most reliable;
- The inlet filter at the inlet of the meter body permits cleaning it without breaking the metrological seal; Internal filter as option;
- The conception of the Magnetic Protection to against the external influences;
- Non return Valve to avoid the reserve flow Rate AS OPTION;

### HEAD LOSS CURVE



### ERROR CURVE

