



Special Features

- High performance data
- Hermetically sealed register
- Oversized bypass
- Robust against stones and sand
- Easy maintenance
- Low headloss

Application

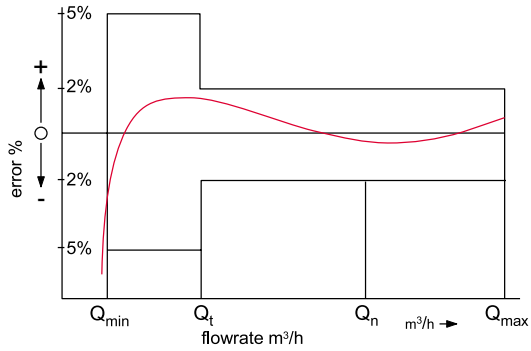
- For field irrigation
- For irrigation machines

Installation Requirements

Pipe	horizontal	———
Meter head	upwards	↑

- Unrestricted straight pipe in front of the meter 5 x DN
- No abrupt restrictions directly behind the meter
- For water containing large particles a strainer in front of the meter is recommended

Typical Accuracy Curve



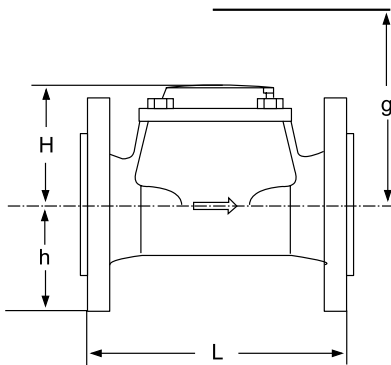
- Q_{max} = maximum peak flow $\pm 5\%$
- Q_n = continuous flow $\pm 5\%$
- Q_t = transitional flow $\pm 5\%$
- Q_{min} = minimum flow $\pm 10\%$

Performance Table

Nominal Diameter	DN	50	65	80	100	150
Size of meter (acc. to EEC)	Q_n	15	25	40	60	150
Max. peak flow	Q_{max} m ³ /h	60	100	150	250	500
Continuous flow	Q_n m ³ /h	30	50	90	140	250
Transitional flow	Q_t m ³ /h	5.0	7.0	10.0	15.0	35.0
Minimum flow	Q_{min} m ³ /h	1.0	2.0	3.0	5.0	18.0

Pressure loss $\Delta p < 0.05$ bar at Q_n

Dimension Picture



Dimensions and Weights

Nominal Diameter	DN	50	65	80	100	150
Size of meter (EEC)	Q_n	15	25	40	60	150
Working pressure	PN bar	16	16	16	16	16
Overall length	L mm	200	200	200	200*	210*
Height	H mm	91	91	100	110	116
	h mm	75	80	95	105	133
	g mm	167	167	162	166	192
Weight body	kg	7.3	9.1	10.2	12.6	20.4
Weight measuring element	kg	0.4	0.4	0.4	0.4	0.4
Weight meter	kg	7.7	9.5	10.6	13.0	20.8

* ISO-length on request