



### 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

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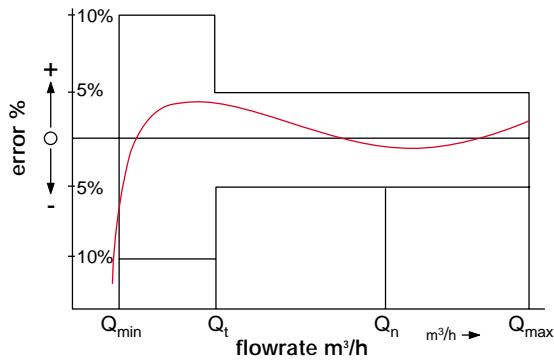
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## Typical Accuracy Curve



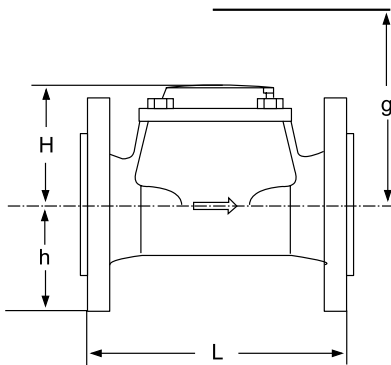
- $Q_{max}$  = maximum peak flow  $\pm 5\%$
- $Q_n$  = continuous flow  $\pm 5\%$
- $Q_t$  = transitional flow  $\pm 5\%$
- $Q_{min}$  = minimum flow  $\pm 10\%$

## 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 <sup>3</sup> /h	60	100	150	250	500
Continuous flow	$Q_n$ m <sup>3</sup> /h	30	50	90	140	250
Transitional flow	$Q_t$ m <sup>3</sup> /h	5.0	7.0	10.0	15.0	35.0
Minimum flow	$Q_{min}$ m <sup>3</sup> /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