

CRYSTAL MTW-HWV

Flowmeters for measuring water up to 90 °C

Applications

Flowmeters for measuring water up to 90 °C using the established multijet dry-running design. Available for horizontal mounting for flow ranges between 2.5 and 10 m³/h. The totalizer is completely sealed against water and consists of 5 drums, four pointer units and a star wheel indicating flow.



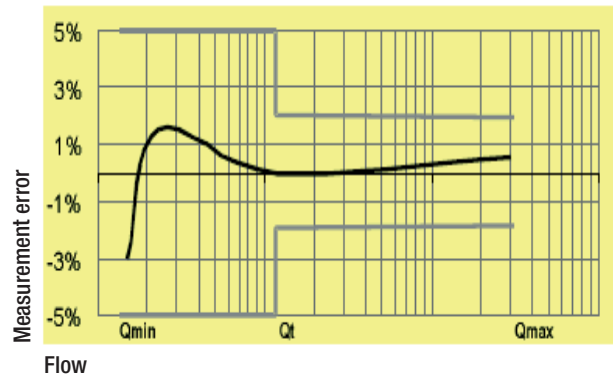
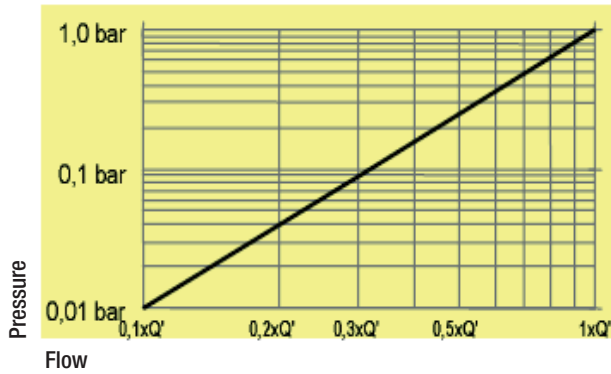
Features

- Multijet turbine water flowmeter
- Hydrodynamic measurement
- Dry running with completely sealed roller counter
- Type approval exceeds PTB requirements and EU Directives
- Low starting values
- Inlet finger sieve

Benefits

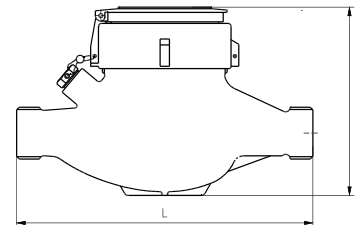
- Cost-effective and proven measurement principle
- Measurement independent of flow profile, inlet path or conductivity
- The roller counter is protected from water particles such as sand, chalk and magnetite and is therefore ideal for most types of water quality.
- High accuracy with optional use for calibrated measurement points
- Measures the smallest flowrates
- Prevents particle blockage at the inlet.

Pressure loss and measuring error



Dimensions and technical specifications

Liquid	water
Max. product temperature	90° C
Nominal pressure	PN 16



Version	qp	DN	Threaded connections	L	Starting Q' = flowrate	Class H/V	Weight	H	Article No.
	m³/h	mm	G"	mm	l/h	Kvs**	kg	mm	
MTW-HWW 20 Qp 2.5, 90°C	2.5	20	G 1 B	190	< 13	5.6	B/-	1,6	93699
MTW-HWW 25 Qp 3.5, 90°C	3.5	25	G 1 1/4B	260	< 23	12.5	A/A	2,4	93700
MTW-HWW 25 Qp 6, 90°C	6	25	G 1 1/4B	260	< 23	12.5	B/-	2,4	93777
MTW-HWW 32 Qp 6, 90°C	6	32	G 1 1/2B	260	< 23	12.5	B/-	2,4	93701
MTW-HWW 40 Qp 10, 90°C *	10	40	G 2 B	300	< 45	24.0	B/-	4,8	93702
MTW-HWW 50 Qp 15, 90°C *	15	50	G 2 1/2 B	270	< 45	31.0	B/-	6,9	93703

* Factory tested
 ** Q' = Kvs : flowrate at pressure loss of 1 bar

Approvals

Germany D84-6-331-48 and D90-6-331-12
 Switzerland Metas CH-T3-05338-00
 Others on request.

Authorised Channel Partner in India



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