



VWV - S3

Combined

Water meter

Compliant according to standard: ISO 4064

This class of meters is used for measuring the total amount of cold water that flows through the pipelines of industrial enterprises and mining plants. This type of water meter (called "mother - child" water meter) contains large industrial - Waltman water meter class „B“, small - multi jet water meter in class „C“ and toggle valve.

CHARACTERISTICS

- New design, easy maintenance.
- Large dial for easy readout.
- Minimal initial flow.
- Especially suitable for systems with variable flow rate.
- VWV S3 - has easy changeable mechanism sealed in special liquid capsule.

BASIC TECHNICAL DATA

Diameter DN (mm)	Qs Max. flow	Qp Nominal flow	Toggle valve		Qt Tranzition flow	Qmin Minimal flow	Initial flow	Min. digit. readout	Maksimum digit readout
			Open	Close					
	m³/h							L/h	m³
50	30	15	2.5	1.5	0.20	0.05	16	0.001	Dry - vacuum: 9999999 + 99999
									Liquid: 999999 + 99999
80	80	40	2.5	1.5	0.20	0.05	16	0.001	Dry - vacuum: 9999999 + 99999
									Liquid: 999999 + 99999
100	120	60	2.5	1.5	0.20	0.05	16	0.001	Dry - vacuum: 9999999 + 99999
									Liquid: 999999 + 99999
150	300	150	10.5	8	0.80	0.20	80	0.001	999999 + 99999

ERROR DISPLAY

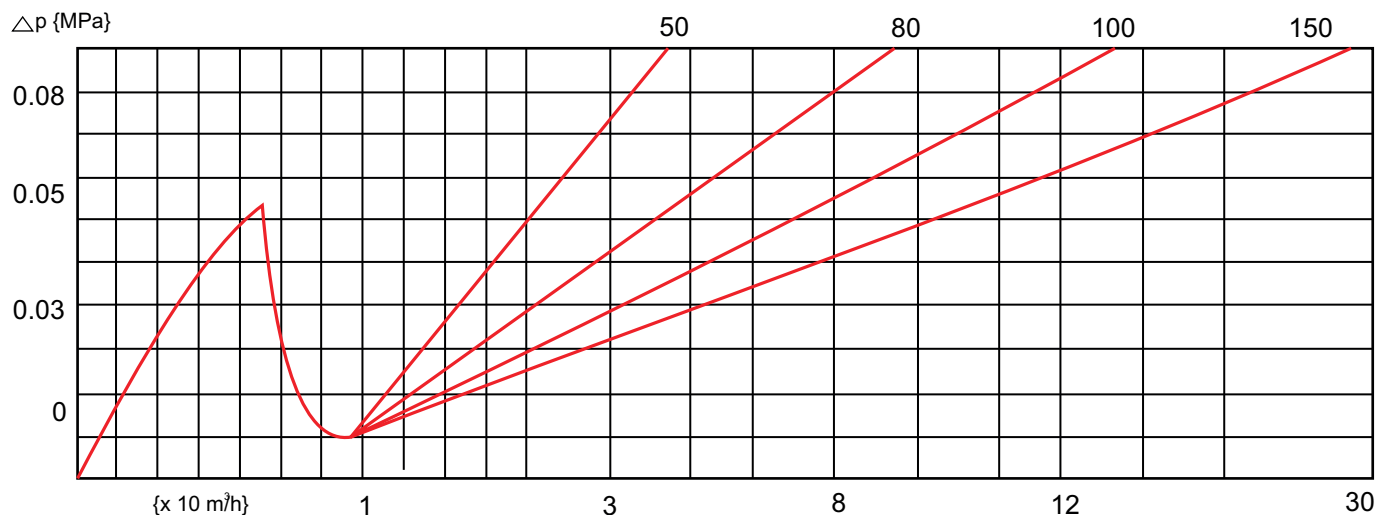
In a small area $\pm 5\%$ of the minimum flow rate (Qmin) to the edge of the transitional flow (Qt).

In a small area $\pm 2\%$ of the transitional flow (Qt) to overload flow (QS).

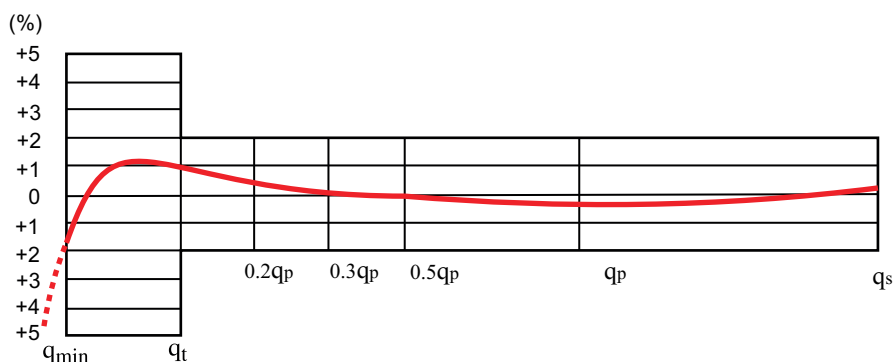
Working conditions

Water temperature $\leq 40^{\circ}\text{C}$
 Min. work pressure $\leq 1.0\text{ MPa}$
 Max. work pressure $\leq 1.6\text{ MPa}$

TYPICAL PRESSURE LOSS CURVE

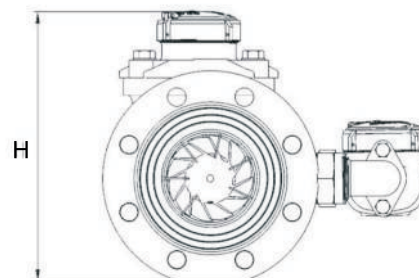
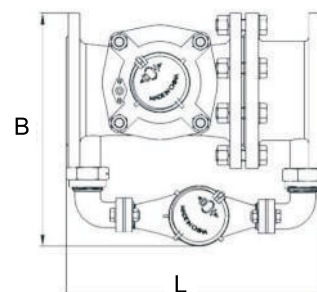


TYPICAL ERROR CURVE



DIMENSIOIS AND WEIGHT

Diameter DN (mm)	L Lenght	B Width	H Height	Flange			Weight kg
	mm			mm	Bolt circle (screw) - diameter mm	Screw diameter and quantity pcs.	
50	270	268	250	165	125	4 x M 16	20
80	300/370	310	265	200	160	8 x M 16	27.5
100	360/370	320	275	220	180	8 x M 16	31
150	500	445	285	285	240	8 x M 20	82



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