

Multi-Jet Wet Meter MNK-...WV



Fig. top view MNK-HWV

Our Wehrle multi-jet wet meters present exceptional reliability and set standards due to durability.

- Optional: Prepared for installation into various remote readout systems
- Temperature range up to 30 °C (cold)
- Nominal flow Q_3 2,5 in m³/h up to Q_3 25 in m³/h
- Nominal size DN15 up to DN50
- Length 105 mm up to 300 mm
- MID measurement accuracy class (Q_3/Q_1) up to R250 horizontal and up to R80 vertical
- 5-roller totalizer
- WVG brass body (DN50: grey cast iron)
- Maximum pressure load 1,6 MPa
- Protection code IP68

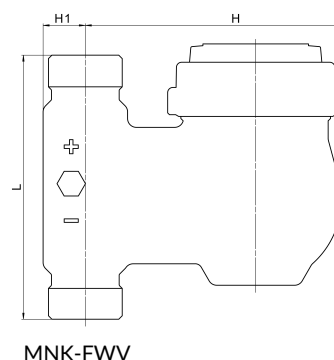
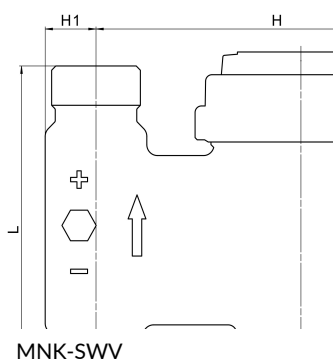
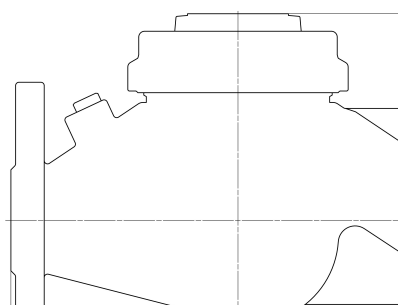
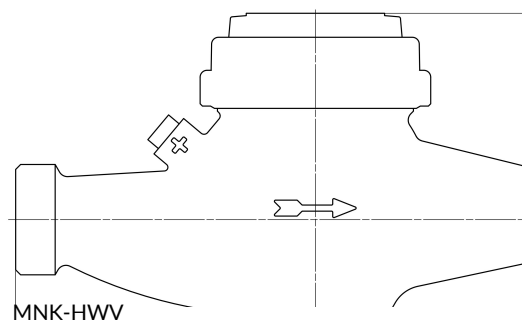
Multi-Jet Wet Meter

MNK-...WV

TECHNICAL DATA

Model

MNK- ... = Cold water from +0,1 °C up to +30 °C



Installation position	Model	Length* L in mm	Height H in mm (ca.)	H1 in mm	Nominal flow Q3 in m³/h	Nominal width DN in mm	Thread in inch	Starting flow** in l/h	Flow rate Q' at 1 bar pressure loss in l/h (ca.)	Weight in kg (ca.)
horizontal	MNK-HWV	165 ^{a)}	84	34	2,5	15	G ¾ B	5	4500	1,5
		190	84	32	4	20	G 1 B	5	5750	1,6
		260	90	44	6,3	25	G 1 ¼ B	10	11000	2,9
		260	90	44	10	25	G 1 ¼ B	12	13500	2,9
		260	90	44	10	32	G 1 ½ B	12	13500	2,9
		270	123	51	25	50	G 2 ½ B	30	32000	10
		270	123	76	25	50	F50	30	32000	12,5
		300	104	55	16	40	G B 2	20	24000	4,9
ascending	MNK-SWV	105	130	18	2,5	20	G 1 B	5	5500	1,7
		105	130	18	4	20	G 1 B	5	5500	1,7
		150	148	24	6,3	25	G 1 ¼ B	10	12500	2,8
		150	148	24	10	25	G 1 ¼ B	12	12500	2,8
		150	181	30	16	40	G 2 B	30	26000	4,7
descending	MNK-FWV	105	130	17	4	20	G 1 B	5	5500	1,9

* Additional lengths available on request

** Typical values in horizontal installation position

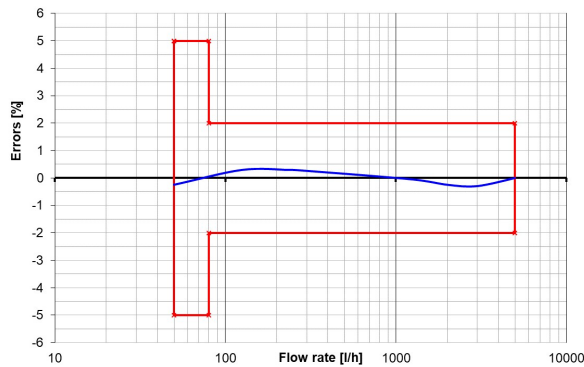
^{a)} Length 165 mm only available with blue painted housing and only as cold water version.

The meter does not require any upstream or downstream straight length (U0/D0).

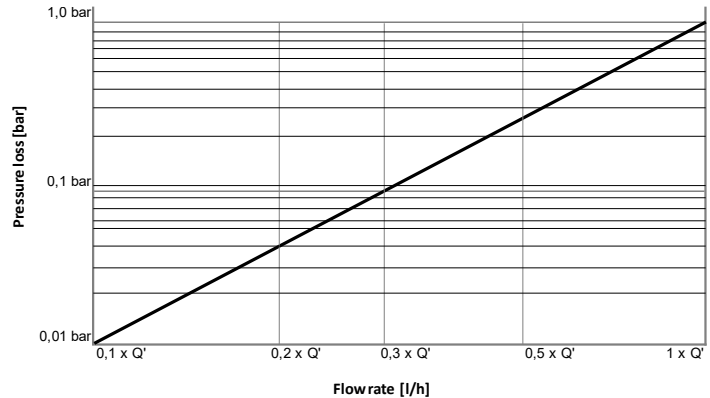
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Typical error curve Q₃ 4 R80H



Typical pressure loss graph



APPROVALS / CERTIFICATES / STANDARDS

- EU-Type Examination Certificate according to 2014/32/EU (MID)
- OIML R49
- EN 14154
- KTW-BWGL / W270 (D)

ADDITIONAL OPTIONS

- Individual labelling of totalizer and/or protection cover (on customer request)
- Insert back-flow preventer
- Individual customer serial number (max. 14 figures)
- Prepared for remote readout (optional on customer request, see variant MNK-HWO)

VARIANTS



Fig. MNK-SWV (ascending pipe)



Fig. MNK-HWO
(remote readout options)

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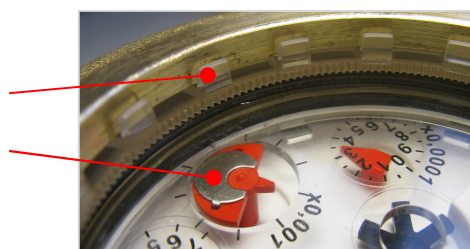
Variante MNK-HWO

REMOTE READING OPTIONS (AMR)

Pulse module for wet meter*,
 S0 according to DIN 43864
 alternatively with - 10 Litres per pulse
 - 100 Litres per pulse

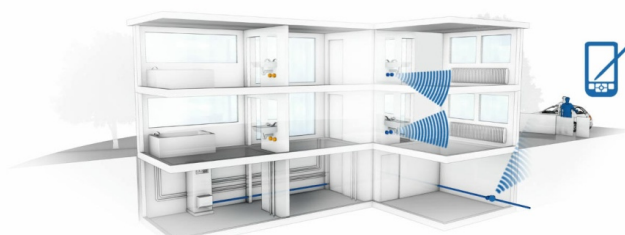
* only possible with meters
 or measuring inserts with:

- Fixing ring (transparent)
- Modulation pointer
 AMR



Maximum convenience through AMR

- Recording and storage of consumption data
- Access to building no longer necessary
- Possible optional connection to an external radio pulse adaptor (433 MHz, international protection code IP68, battery lifetime 12 years)



Characteristics pulse module for wet meter

- High-quality sensor technology
- Safe from manipulation
- Battery lifetime 12 years
- Sturdy design due to encapsulated electronics
- Protection class IP 68
- Functional reliability due to internal power supply

