

WEI Woltmann meter for not filtered water, at free passage, for irrigation applications

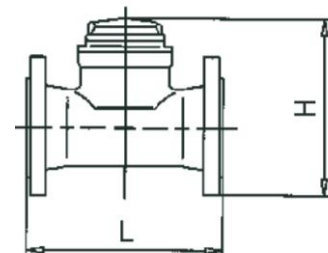
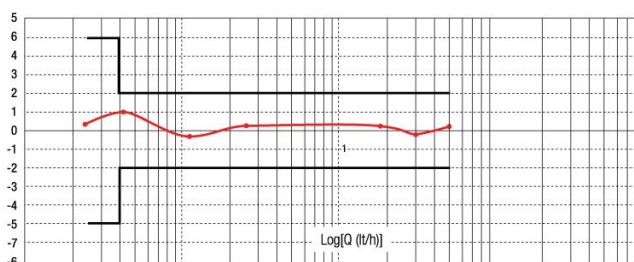
- ❑ Model WEI DN 50...300, version with cast iron internal and external epoxy painted body, flanges PN 10 or PN 16
- ❑ Designed for use with irrigation water, not filtered water, even with small suspended particles, directly from reservoir, canals, rivers and artesian wells
- ❑ Transmission of movement through a magnetic joint
- ❑ 360° rotating dumpproof dial - direct reading on numbered drums
- ❑ The water flow through the meter at free passage, reduces head losses at their lowest; the small straight wings turbin, of tangential type, is only partially submerged in water
- ❑ Removable measuring insert
- ❑ Temperature class T30
- ❑ Horizontal, inclined and vertical installation
- ❑ Pre-arranged counter for reed pulse generator
- ❑ Locable metallic lid
- ❑ Available on request models with MID approval from DN 50 to DN 200 R40 HV



Technical data	50	65	80	100	125	150	200	250	300
Permanent Flow Rate Q_3 (m ³ /h)	40	63	63	100	160	250	400	630	1000
Max. flow rate for short period Q_4 (m ³ /h)	50	78,8	78,8	125	200	313	500	788	1250
Transitional flow rate Q_2 at measuring range R40 [MPE $\pm 2\%$] (l/h)	1,6	2,52	2,52	5,0	6,4	10,0	16,0	25,2	64
Min flow rate Q_1 with measuring range R40 [MPE $\pm 5\%$] (l/h)	1,0	1,58	1,58	3,13	4,0	6,25	10,0	15,8	25
Dial register from/to (m ³)	0,002 / 10 ⁷	0,002 / 10 ⁷	0,002 / 10 ⁷	0,002 / 10 ⁷	0,002 / 10 ⁷	0,02 / 10 ⁸	0,02 / 10 ⁸	0,02 / 10 ⁸	0,02 / 10 ⁸
L) Length (mm)	200	200	225	250	250	300	350	450	500
H) Maximum height to extract measuring insert (mm)	250	264	280	292	312	338	378	440	500
Pre-arrangement reed	100	100	100	100	100	1000	1000	1000	1000
Weight (kg)	10,9	12,7	14,0	16,2	21,5	29,1	42,6	63	86



Typical accuracy curve



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