

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

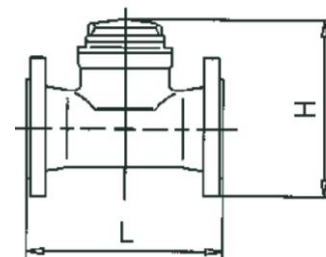
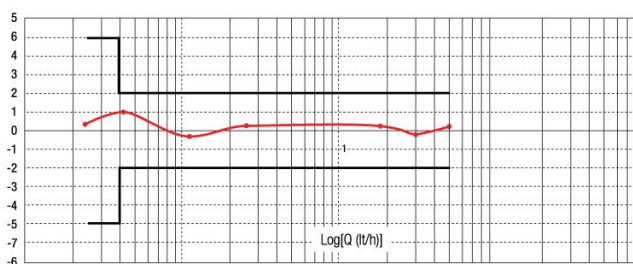
- ❑ Model WEI DN 50...300, version with cast iron internal and external epoxy painted body, flanges PN 10 or PN 16
- ❑ Designed for use with irrigation water, not filtered water, even with small suspended particles, directly from reservoir, canals, rivers and artesian wells
- ❑ Transmission of movement 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



Continuous development of products may necessitate changes of details and pictures without prior notice- 04/20