



G. GIOANOLA

METERING EFFICIENCY

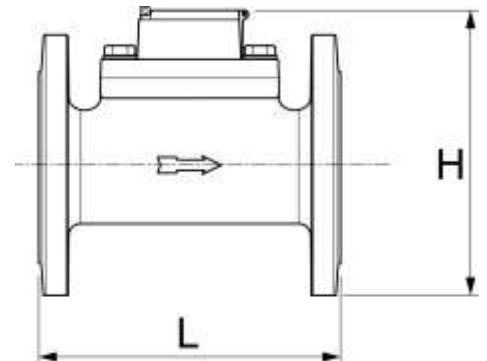
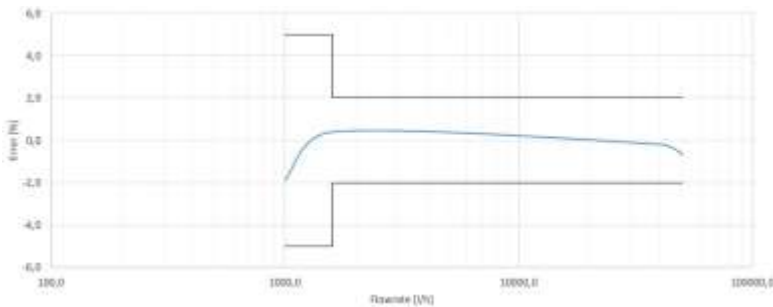
WIRF WOLTMANN tangential helix water meter for unfiltered water suitable for irrigation

- Model WIRF available in sizes from DN 50 to DN 300, version with cast iron epoxy powder coated body (internally and externally)
- Especially designed for use with unfiltered irrigation water, even with small suspended sediments, taken directly from reservoirs, canals and rivers
- Magnetically driven register with dry dial
- 360° rotating waterproof dial - straight reading on numbered drums
- The passage of water through the free-flowing meter reduces head losses to a minimum; the small straight-bladed, tangential impeller is only partially submerged in the water
- Removable measuring mechanism; metal lockable lid
- Nominal pressure (PN) 10 or 16 bar
- Maximum operating temperature: 30°C – Operation guaranteed up to 50°C
- May be installed both in horizontal, vertical and inclined position
- Not-MID approved version available on request
- All models are certified for use with drinking water according to **D.M. 174**
- Pre-setting for remote reading with reed switch K100 from DN 50 to 125 and K1000 from DN 150 to DN 200



Technical Data	50	65	80	100	125	150	200
Permanent flow rate Q_3 (m ³ /h)	40	63	63	100	160	250	400
Overload flow rate Q_4 (m ³ /h)	50	78.8	78.8	125	200	313	500
Minimum flow rate Q_1 (m ³ /h)	1	1.58	1.58	2.5	4	6.25	10
Transitional flow rate Q_2 (m ³ /h)	1.6	2.52	2.52	4	6.4	10	16
Dial register from/to (m ³)	0,002	0,002	0,002	0,002	0,002	0,02	0,02
L) Length (mm)	200	200	225	250	250	300	350
H) Maximum height to extract measuring insert (mm)	250	264	280	292	312	338	378
Pre-setting reed m ³	100	100	100	100	100	1000	1000
Weight (kg)	11	13	14	16.2	21.5	29	42.6

TYPICAL ACCURACY CURVE



The Company's policy is one of continuous product improvement and the right is reserved to modify the specification contained herein without notice. Illustrations are not binding 02-25

