

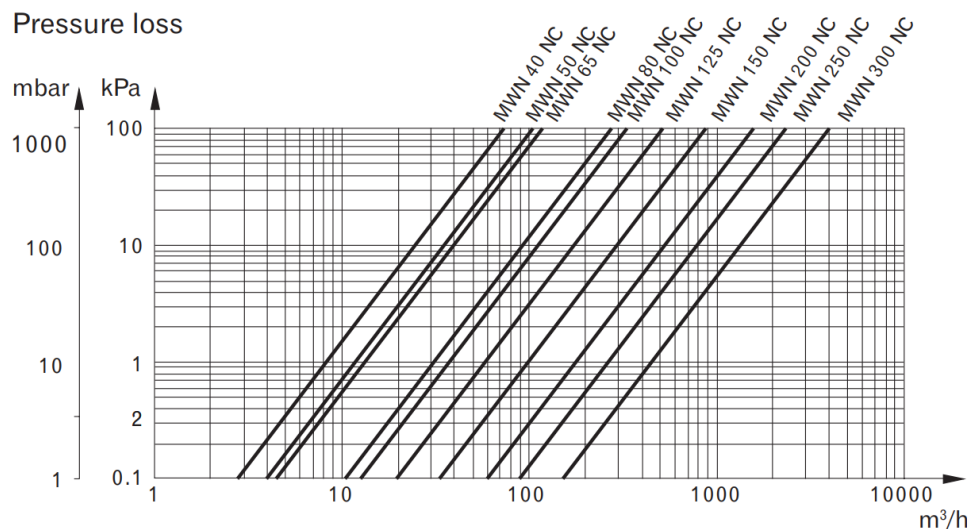
WOLTMANN TYPE AXIAL HELIX METER



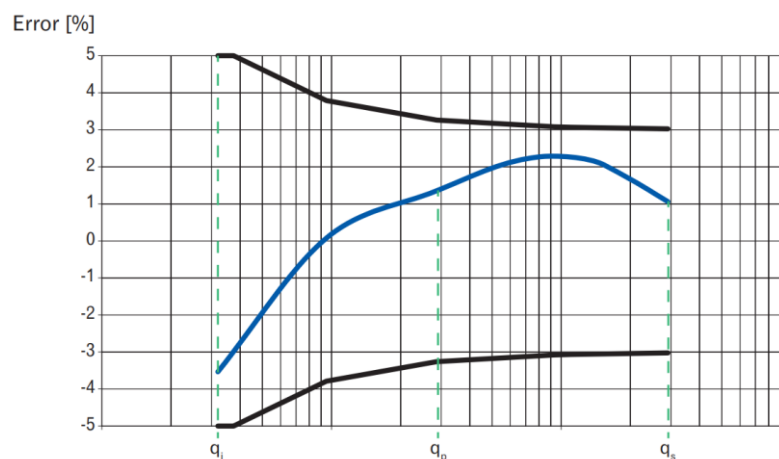
Horizontal axial Woltmann water meter for 130°C water.

- Resistant to the external magnetic field, according to EN14154-3
- Certified MID MI004
- Wide measuring range
- Flanged cast iron case painted internally and externally with epoxy powder
- Direct reading on 7-digit number rollers for cubic meters
- Ease read-out due to a freely adjustable rotary counter dial placed in the casing
- Modular structure
- Magnetic clutch
- Nominal pressure PN 16 Bar
- Pulse emitter directly mounted on the clockwork

HEAD LOSS DIAGRAM



CURVA DI ERRORE



TECHNICAL CHARACTERISTICS

Parameter												
Nominal diameter	DN	mm	50	65	80	100	125	150	200	250	300	
Minimal flow rate	Q _i	m³/h	0,6	1,0	1,6	2,4	4,0	6,0	10,0	40,0	60,0	
Constant flow rate	Q _p	m³/h	15	25	40	60	100	150	250	400	600	
Overload flow rate	Q _s	m³/h	30	50	80	120	200	300	500	800	1200	
R measuring rate	Q _p /Q _i	–	25	25	25	25	25	25	25	10	10	
Max pressure lost	ΔP	kPa	ΔP10									
Flow profile sensitivity classes	–	–	U0 - D0									
Indication range	–	m³	999.999					9.999.999				
Resolution of reading		m³	0,0005					0,005				
Upper pressure limit	P _{max}	–	MAP16=(16bar)									
Working position	–	–	H, V									
Border range error allowed	ε	%	±5% Q _i - ±3% Q _s									
Reed Switch pulse transmitter	–	L/imp.	100					1000				
Dimension	L	mm	200	200	225	250	250	300	350	450	500	
	h	mm	72	83	95	105	120	135	160	193	230	
	H	mm	187	197	219	229	257	357	382	427	497	
	D	mm	165	185	200	220	250	285	340	400	460	
Weight	–	kg	9,9	10,6	13,3	15,6	18,1	40,1	51,1	75,1	103,1	

