

WOLTMAN HELICAL VANE WATER METER

NWM WP-SDC (DN40 – DN500) TURBINE COPPER CAN REGISTER VERSION

TURBINE Woltman (Helical Vane) water-meter incorporates a magnetic transmission together with super dry-type register and is intended for Industrial and Irrigation applications. Designed and built by NWM Co. this product meets ISO 4064 International Standard.

CHARACTERISTICS:

- All materials in contact with water are corrosion resistant - the iron body being coated both inside and outside with epoxy coating for added protection to corrosion
- The ROTATING indicator-register ensures the most preferred reading position in so far as installation
- The copper can 'super dry register' is incorporated, offering IP68 protection
- Suitable for installation in any position
- Offers very low pressure loss
- Not affected by external magnetic fields
- Pulse-ready output feature (as a standard OPTION), covering all sizes:

The Pulse Output Device consists of a plastic housing with a Reed Switch, and 1,5 m cable with 2 cores in Red and Black.

- Electric Data: Vmax=24AC/DC; Imax=0,01A
- Capacity of the Pulse Emitter

Size	DN40 TO	M3/PULSE
DN125 DN150 TO		0.11
DN200 DN250 TO		110
DN500		10 100



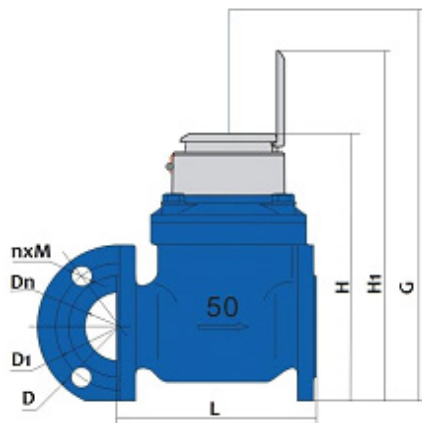
DIAL PLATE DESIGN:



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DIMENSIONS:



HOT WATER MODEL (Suitable for up to 90C)

The Flange Standard under AS2129 Table D as:

DN	50	65	80	100	150	200
L H	311 245	252		225 250		300 350
H1	262 339	349		272 282		341 371
G D	400 400	165		359 369		428 458
D1	185 125	145		400 400		500 500
nxM				200 220		285 340
				160 180		240 295
	4xM16		4xM16		8xM16	

*Different Flange Standards cover selections such as: ISO 7005-2: 1998(E) PN10, ASME B16.1-Class 125 and B16.5-Class 150...

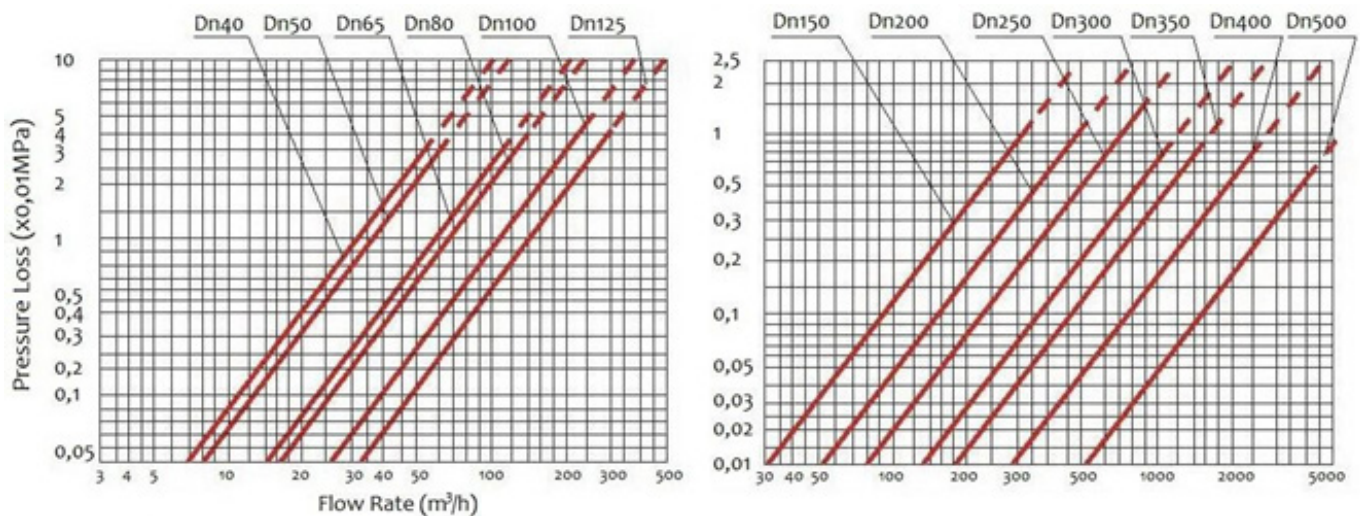
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TECHNICAL DATA:

Size	mm		50	65	80	100		150	200
Metrological Class		B							
Qmax	m3/h		30	50	80	120		300	500
Qn	m3/h		15	25	40	60		150	250
Qt	m3/h		3	5	8	12		30	50
Qmin	m3/h		0,45	0,75	1,2	1,8		4.5	7,5
Max. Reading	m3	999999,999						9999999,99	
Min. Reading	m3	0,0005						0,005	
Max. Pressure	Bar	PN16							
Max. Temperate	C°	40C Cold Water Valve				90C Hot Water Valve			

PRESSURE LOSS CURVE:



Max. Permissible Error Parameters:

From Qmin inclusive up to but excluding Qt is $\pm 5\%$; From Qt inclusive up to and including Qmax is $\pm 2\%$;

