Bulk water meters WPH-N

Characteristic features:

- Possibility of mounting on horizontal, vertical and inclined pipelines with counter set upwards, sidewards or in medium position -H•V,
- Wide measurement range and low starting flow rate,
- Rotor axle parallel to pipe axies,
- Counter of roller- pointer type housed in airtight casing with all gear wheels in dry space,
- Easy read- out due to an adjustable rotary counter,
- Magnetic clutch,
- Removable measuring insert in covered casing,
- Possibility of remote counting of water volume and flow rate (data according to a separate card),
- Possibility of electronic check- up,
- Materials approved for contact with potable water,
- Conformity with the standards ISO 4064, BS 5728, ISO/DIS-10385



Technical data

Công ty TNHH TM DV XNK Minh Hoà Thành 086 250 2299

1	Nominal flow rate	Qn	m^3/h	15	25	40	60	100	150	250	400	600	1000
2	Nominal diameter	DN	mm	50	65	80	100	125	150	200	250	300	400
3	Metrological class			B	B	B	B	B	B	B	B	B	B
4	Maximum flow rate	-	m^3/h	50	60	120	230	250	400	750	1100	1400	2000
5	Maximum working flow rate	Qmax	m^3/h	30	50	80	120	200	300	500	800	1200	2000
6	Transitional flow rate	Qt	m^3/h	0.9	1.2	1.8	1.8	2	4	6	11	15	20
7	Minimum flow rate	Qmin	m^3/h	0.35	0.45	0.5	0.6	1.5	1.8	4	6	12	15
8	Starting flow rate	-	m^3/h	0.15	0.2	0.25	0.25	0.5	1.0	1.5	3	8	10
9	Flow rate at 0,1 bar head loss	-	m^3/h	38	40	100	128	170	310	550	800	1250	3000
10	Maximum temperature		°C	50	50	50	50	50	50	50	50	50	50
11	Working pressure max.	PN	bar	16	16	16	16	16	16	16	16	16	16
12	Counter range	-	m^3	10^6							10^7		
	Scale interval	-	m^3	0.0005					0.005			0.05	
13	Length	L	mm	200	200	225	250	250	300	350	450	500	600
14	Height	h	mm	72	83	95	105	120	135	160	193	230	290
		H	mm	180	190	212	222	250	350	375	420	490	601
		H1	mm	280	290	332	342	370	575	600	645	715	760
15	Flange	D_z	mm	165	185	200	220	250	285	340	400	460	515
16	Weight	-	Kg	9.5	10.8	12	15	17	40	51	75	103	250

* Flange drilling according to ISO-7005 DIN 2501 NP10 or NP16 and BS 4504 NP10, NP16 or other standards.



