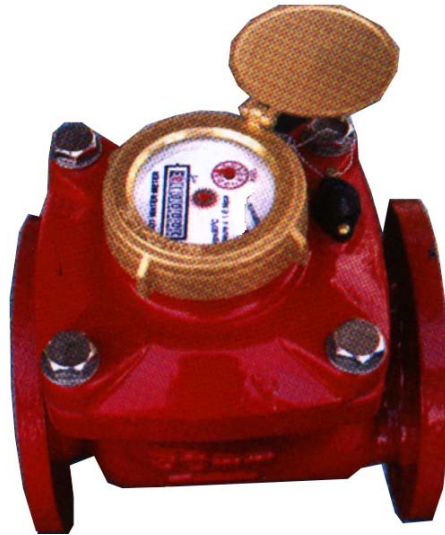


HWE WOLTMAN TYPE BULK FLOW WATER METER



HWE Woltman Type Bulk Flow Meters are best suited for the measurement of large quantities of water for private and industrial uses. These meters are designed for maximum durability, accuracy of registration and trouble free service with little loss of head. They conform to ISO4064 B class.

Material of Construction

The meter casting is made up of high grade cast iron. The internal mechanism is of ABS for cold water.

Features

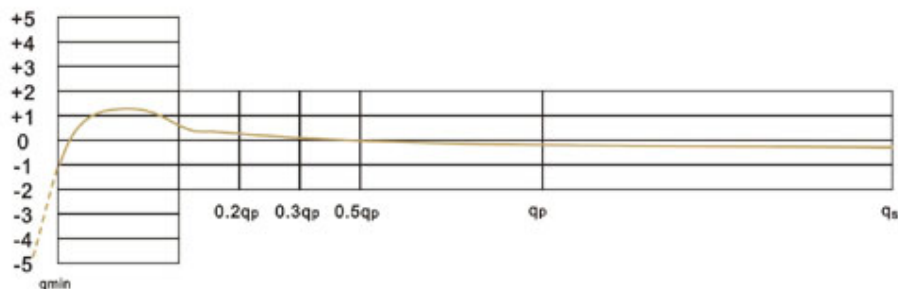
- Dry-dial.
- Magnetic drive.
- Vacuum sealed register ensures the dial kept free from fog and keeps the reading clear in a long term service.
- Measuring accuracy conform to ISO4064 class B standard.
- Selected high quality materials for steady & reliable characteristics.
- Low head loss.
- Universal use. Measuring mechanism can be removed for easy maintenance and replacement.

ERROR CURVE

At low zone $\pm 5\%$ form minimum flow rate (q_{min}) to transitional flow rate (q_t) (exclusive boundary)

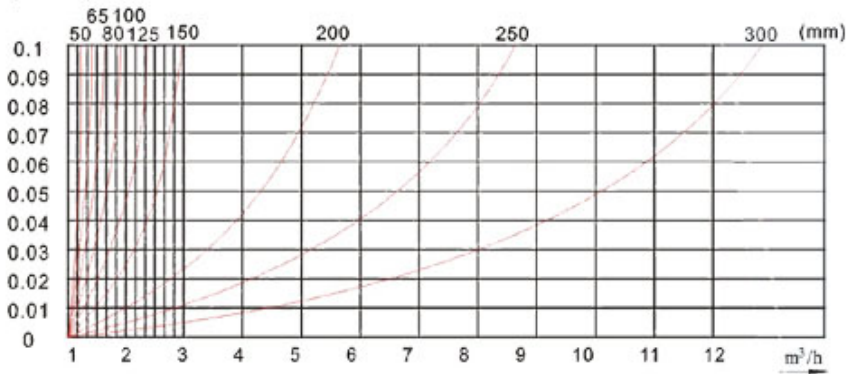
At high zone is $\pm 2\%$ form transitional flow rate (q_t) to overload flow rate (q_s)

Flow-ERROR CURVE



HEAD LOSS CURVE

ΔP (MPa)



Main Technical Data

Meter Size Dia DN(mm)	Class	qs Overload Flow	qp Nominal Flow	qt Transitional Flow	qmin Min Flow	Min Reading	Max Reading
		m^3/h		1/h			
50	A	30	15	4.5	1.2	0.01	99999
	B			3	0.45		
65	A	50	25	7.5	2	0.01	99999
	B			5	0.75		
80	A	80	40	12	3.2	0.01	99999
	B			8	1.2		
100	A	120	60	18	4.8	0.01	99999
	B			12	1.8		
125	A	200	100	30	8	0.01	99999
	B			20	3		
150	A	300	150	45	12	0.1	999999
	B			30	4.5		
200	A	500	250	75	20	0.1	999999
	B			50	7.5		
250	A	800	400	120	32	1	999999
	B			80	12		
300	A	1200	600	180	48	1	999999
	B			120	18		

Working Condition

Water temperature: =40°C (for hot water meter: =90°C) For higher temperatures, please send your specific enquiry.

Working pressure: =1MPa

Manufactured by:

HINDUSTAN WATER ENGINEERING COMPANY

HWE Bhavan, 47, INDUSTRIAL AREA, MANDSAUR (M.P.) INDIA Pin-458 001

Ph: +91 7422 256133, 234533 Fax: +91 7422 232342

Email: info@hweindia.com, hweindia@yahoo.co.in Web site: www.hweindia.com