



SHM –Sewage Hi-flo Meters-Analog/Mechanical Flowmeter for Waste/Sewage water is an epoxy coated cast iron, it has great flow rate measure and resistant from many light chemicals and corrosion. It can be used for a remote reading transmission system as equipped with built-in sensor (optional) and with Data Logger, it can record for last six months logs.



Features :

- ❖ Easy Installation and Maintenance
- ❖ Dry Dial, Magnetic Drive
- ❖ High Bypass and Very Low Head Loss
- ❖ Glass Vacuum Sealed Register -Free from Condensation and clear for long term
- ❖ Working Temperature 0.10C - 500C for Cold and 0.10C - 900C for Hot water
- ❖ Max Pressure : 16 Bar
- ❖ Maximum Error : +/- 2%
- ❖ Selected High Quality Materials
- ❖ Iso 4064
- ❖ Warranty 1 Year

Applications :

- ❖ Sewage Treatment Plant (STP); i.e: Hospital, Hotel, Industrial, Mall, Residential, Palm Oil Industrial, etc.
- ❖ Raw Water, Sludge Water and many others
- ❖ Inlet and Outlet Water Treatment
- ❖ Best suited for pump system and high flowrate
- ❖ Many more applications

Technical Specifications

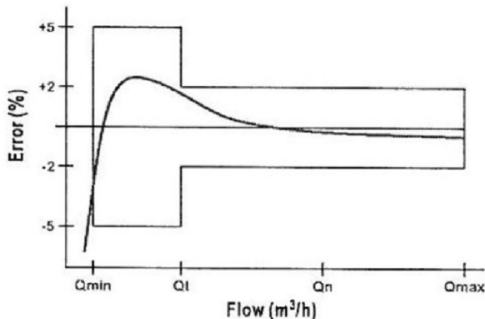
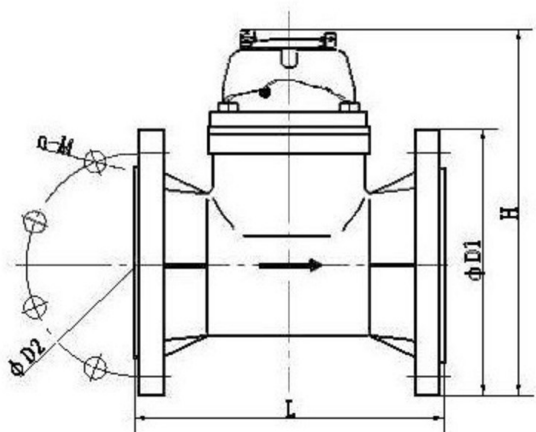
Size			Max Flow	Continues Flow	Transitional Flow	Min Flow
DN	Inch	MM	Qmax	Qn	Qt	Qmin
			M ³ /Hour			
DN50	2"	50	30	15	3	0.45
DN65	2.5"	65	50	25	5	0.75
DN80	3"	80	80	40	8	1.2
DN100	4"	100	120	60	12	1.8
DN125	5"	125	200	100	20	3
DN150	6"	150	300	150	30	4.5
DN200	8"	200	500	250	50	7.5
DN250	10"	250	800	400	80	12
DN300	12"	300	1200	600	120	18



Dimension

Size	L Length	H High	Connection Flange		Weight
MM			D1 Outside Diameter	D2 Bolt Inner Diameter	Kgs
DN50	200	272	165	125	10
DN65	200	274	185	145	11
DN80	225	281	200	160	16
DN100	250	291	220	180	17
DN125	250	312	250	210	21
DN150	300	341	285	240	30
DN200	350	384	340	295	41
DN250	450	435	405	350	66
DN300	500	486	445	400	100

Drawing



- Q_{max} = maximum peak flow
- Q_n = continuous flow
- Q_t = transitional flow
- Q_{min} = minimum flow

DN50

DN80



Kurva Loss Pressure

