

MECHANICAL WATER METER

A mechanical water flow meter works by measuring the speed of flowing water as it causes a mechanical component to rotate:

1. **Flowing water:** Water flows through a pipe and pushes against a mechanical component, such as a propeller, paddle wheel, or turbine
2. **Component rotation:** The mechanical component rotates as the water pushes against it
3. **Flow rate measurement:** The speed at which the component rotates is measured to calculate the flow rate



VSAN ELECTRICALS AND SENSORS,

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TECHNICAL SPECIFICATIONS

Size	15 to 250 mm	Pressure	1 MPA
Accuracy	± 1% to 2.5%	Temperature	-30 to 200 deg C
Protection	IP 65	Pipe Material	Brass (Multijet)
End Connection	Thread, Flange		Cast Iron (Woltman)

FLOW RATE CHART

Model Code	Line Size (mm)	Flow Range
VSAN-MWM-015	15	120 to 3000 l/h
VSAN-MWM-020	20	200 to 2000 l/h
VSAN-MWM-025	25	280 to 7000l/h
VSAN-MWM-040	40	200 to 20000 l/h
VSAN-MWM-050	50	3 to 30 kl/h
VSAN-MWM-080	80	8 to 80 kl/h
VSAN-MWM-100	100	12 to 120 kl/h
VSAN-MWM-150	150	30 to 300kl/h
VSAN-MWM-200	200	50 to 500kl/h
VSAN-MWM-250	250	80 to 800kl/h

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