

MMT Turbine Meters

1-1/2" AWWA Class II Turbine Meter



T E C H N I C A L S P E C I F I C A T I O N S

AWWA Standard

Meets or exceeds all sections of AWWA Standard C701-98, proposed, for Class II Turbine Meters.

Main Case

Constructed of waterworks bronze, 81% copper composition, with elliptical flanged ends. Bronze register retaining ring and lid are standard.

Flow Conditioner

Inlet flow straightener conditions the flow velocity profile and removes minor swirl from the water stream before it enters the measuring chamber assembly, improving accuracy and measuring element life.

Measuring Chamber

Meter chamber assembly and turbine are constructed of durable, engineering plastics for extended service life.

Magnetic Drive

A reliable, direct magnetic drive provides linkage between measurement element and register. No intermediate gearing is required; no gearing is exposed to water.

Register

Standard direct read, DIALOG® Meter Reading System and Electrical Output registers are available. A six wheel odometer is standard.

Register Sealing

Direct read and DIALOG registers are permanently sealed, with a tempered glass lens, stainless steel base and wrap-around gasket to prevent intrusion of dirt or moisture.

Registration Units

Registration available in gallons or cubic feet.

Register Capacity

100 million U.S. gallons or 10 million cubic feet.

Test Circle

Large center sweep hand with ten clearly indicated gradations per minimum registration unit.

Low Flow Detector

Center-mounted indicator with high sensitivity resulting from direct one to one linkage to the measuring element.

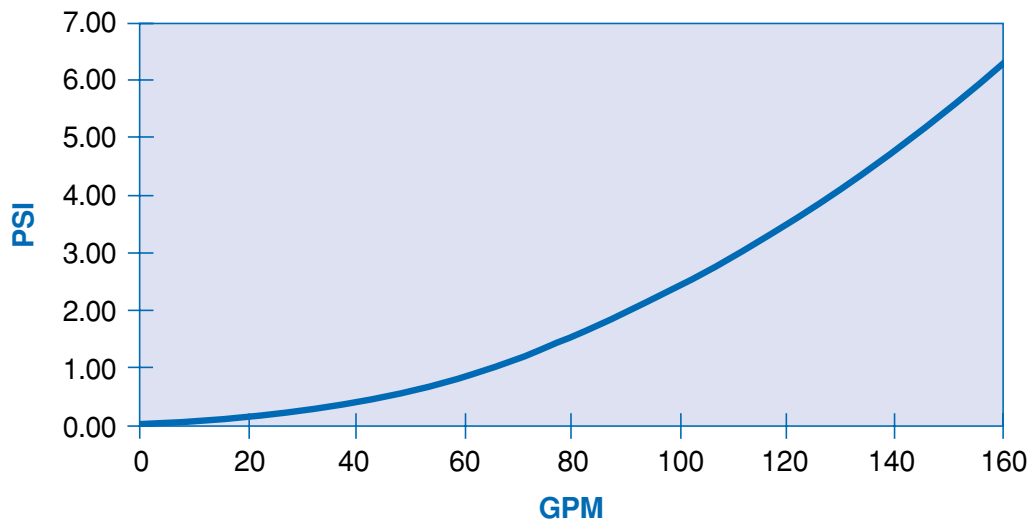


**MASTER
METER**

1-1/2" MMT Turbine Meter Meter Operating Characteristics and Dimensions

Operating Range	3.0 to 160 gpm
Continuous Operating Range	3.0 to 120 gpm
Low Flow (95%)	2.5 gpm
Maximum Intermittent Flow	160 gpm
Maximum Working Pressure	220 psi
Maximum Working Temperature	120° F
Length	10 inches
Width	5.3 inches
Height	6.7 inches
Height, bottom to center line	2.2 inches
Flanges	Elliptical
Weight	15.6 pounds

Head Loss



**MASTER
METER**

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