

Barton 7104 Flanged RF meter, meter Size :4 inch, End Connection Size :1 inch, Flow Rate :105-1250 US GPM



Cameron's BARTON® 7000 series turbine meters are designed for a broad range of precise liquid measurement applications. You can handle large flow volumes and act as an independent design with lower stress drops, with long-lasting accuracy than other meters. Their digital high-frequency manufacturing is ideal for digital reader interfaces. The symmetrical double-way structure in the Series 7000 supports reverse flow tasks without decreasing precision or flow capacity.

The fluid moves through the diffuser and is extended to a hydrodynamically controlled multi-blade turbine rotor. The speed of the rotor is commensurate with the flow rate. The pick-up reticence reads the motions of each tip while the rotor rotates and generates a sinus wave signal with a flow rate equivalent.



Specifications	Details
Bearings	Wear resistant tungsten carbide sleeve bearings
Application	Hydrocarbon measurement
End connection	Flanged and threaded
Repeatability	$\hat{A}\pm 0.02\%$ of reading
Linearity	$\hat{A}\pm 1\%$ of reading over flow range for meters smaller than 1-in, $\hat{A}\pm 0.25\%$ of reading over flow range for meters 1 in. and larger, $\hat{A}\pm 0.15\%$ of reading over limited ranges