

MET 330 HW 2.3

In this week's class, we went discussed flow measurement. This worked out well due to the fact that our lab this week was on orifice meters as well. When dealing with orifice meters one will most likely be looking for the pressure on either side of the plate or the diameter of the orifice plate. In this example when looking for the diameter of the orifice it was essential to know the velocity and flow rate. Also, finding the discharge coefficient based on the Reynolds number. One can estimate the C value and then finalize it after getting the 100% correct answer using the chart pictured.