



















CM3215 Fundamentals of Chemical Engineering Laboratory

•Pumping Head Characteristic Curves are usually supplied by the manufacturer

•In this lab we measure the pumping head characteristic curve by varying the load on a custom pump, the CM3215 "Lossy" pump (the orifice meter prevents us being able to vary directly the load on the Krump pump)

•Once we measure the pump characteristic curve for our "Lossy" pump, we use this to predict operating points as if we were designing a new system with this "Lossy" pump

•Finally, we check these predicted operating points against the <u>actual</u> operating points we measure in the lab. This gives us a feel for how accurate these types of design predictions are.

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