



Construcción y puesta en marcha de un banco de cavitación para bombas centrífugas pequeñas. [

Universidad Tecnológica de Pereira,
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text (article)

Analítica

In this piece it is described a senior project funded by the Research Office of the Universidad Tecnológica de Pereira and dealt with in its Mechanical Engineering Department, whose end objective was to develop and implement a practice to be included in the syllabus of the Hydraulic Machines Laboratory Course. By running this practice the engineering student can verify the cavitation phenomenon that can take place in centrifugal pumps, and also be able to prepare a couple of graphs showing the behavior NPSHR (required net positive suction head) vs. Q (flowrate), as well as the behavior H (head) vs. Q (flowrate), for a small (less than 1 kW) centrifugal pump

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Tipo Audiovisual: NPSH requerido NPSH disponible caudal cavitación pérdidas de energía Required NPSH available NPSH flowrate cavitation friction losses

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