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Product Name :
Energy Losses in Bends

Product Code :
LBNY-0002-710027



Description :

Energy Losses in Bends

Technical Specification :

Energy Losses in Bends

The Energy Losses in Bends unit, allows to measure and compare the head losses produced by different singular elements: bends, section changes and valves, as well as to study the influence of the flow rate on the value of such losses.

The equipment is mounted on a free-standing framework which supports the test pipework and instrumentation. The following typical pipe fittings are incorporated for study: miter bend, 90° elbow, swept bends (large and small radius), sudden contraction and sudden enlargement.

All are instrumented with upstream and downstream pressure tapings. These tapings are connected to a bank of twelve water manometer tubes, mounted on the framework. Pressurization of the manometers is facilitated by a hand

pump. A gate valve is used to control the flow rate. A separate gate valve is instrumented with upstream and downstream pressure tapings which are connected to a differential gauge on the edge of the framework. The unit stands on the working top of the Hydraulics Bench which is also used as the source of water supply.

Energy Losses in Bends, Energy Losses in Bends Equipments, Energy Losses in Bends Tools, Energy Losses in Bends Tool Kits, Energy Losses in Bends Manufacturers, Energy Losses in Bends Suppliers from India, China, Kenya



Laboratory Instrument India