Product name:	Product code:
Energy Losses In Bends Apparatus	Fluid00028



Description

Energy Losses In Bends Apparatus

Technical specification

Energy Losses In Bends Apparatus

Energy Losses in Bends and Fittings

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The equipment is mounted on a free-standing framework which supports the test pipe work and instrumentation. The following typical pipe fittings are incorporated for study: three bends, sudden flow, sweep bends contraction and sudden enlargement. All are instrumented with upstream and downstream pressure tapping. These tappings 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 tappings which are connected to a differential gauge on the edge of the framework

Specification:-

Circuit with four bends of different radii

- Enlargement, contraction and gate valve, plus control valve
- Manometer board with 12 tubes plus differential pressure gauge
- Hand pump for pressurization of manometers
- Quick release fitting for easy connection to hydraulics bench