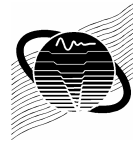


Modeling Perforated Elements with SYSNOISE

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Overview

Perforated Elements

- ❑ Transfer impedance of perforates
- ❑ Implementation in SYSNOISE
- ❑ Effect of porosity and flow on TL



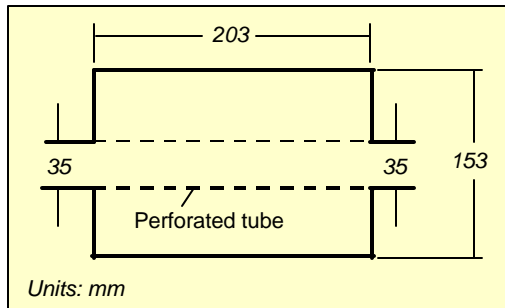
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Perforated Tube Test Cases

Perforated Elements



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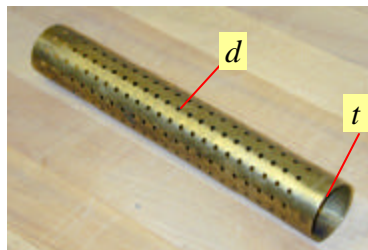
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Perforated Tubes

Perforated Elements

Name	Thickness t (mm)	Hole Dia. d (mm)	Porosity
Tube 1	0.3	3.2	9.8%
Tube 2	0.3	3.2	5.8%
Tube 3	0.3	4.8	5.8%



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TL Test Setup

Perforated Elements

