Pneumatic atomizing nozzles, **Full cone, pressure principle, internal mixing**  
Series 136.2

Fine full cone atomization and fogging with air or gas. Especially wide spray angle of 60°. Pressure principle. Internal mixing of fluids.

**Applications:**  
Humidification of air, cooling.

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**Spray angle**  
Ordering no.  
Mat. no.  
E [mm]  
Type  
Liquid pressure $p$ [bar]  
Spray dimensions

<table>
<thead>
<tr>
<th>Spray angle</th>
<th>Ordering no.</th>
<th>Mat. no.</th>
<th>E [mm]</th>
<th>Liquid pressure $p$ [bar]</th>
<th>Spray dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>60°</td>
<td>136.215.xx.A2</td>
<td>0.5</td>
<td>0.80</td>
<td>1.00 3.00 1.30 1.60 5.80 1.70 2.80 5.20 3.40 4.00 3.80</td>
<td>3.80 9.40 3.10</td>
</tr>
<tr>
<td></td>
<td>136.222.xx.A2</td>
<td>1.0</td>
<td>0.80</td>
<td>1.00 6.00 4.30 1.80 14.70 5.30 3.20 31.50 6.90 4.00 4.00</td>
<td>4.00 12.00 7.20</td>
</tr>
<tr>
<td></td>
<td>136.231.xx.A2</td>
<td>1.4</td>
<td>0.80</td>
<td>1.00 11.30 7.20 3.40 24.70 9.20 4.40 65.50 10.60 5.00 10.60</td>
<td>10.60 20.00 11.60</td>
</tr>
</tbody>
</table>

$E = \text{narrowest free cross section (water)}$

Example: Type + Material no. (xx) = Ordering no.  

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**Dimensions:**  
- Series 136.2  
- Weight brass: 200 g

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**Accessories for series 136 please refer to page 1.27**

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**Figure:**  
- Diagram of series 136.2 atomizing nozzle
- View of atomizing nozzle with dimensions

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**Table:**  
- Dimensions of atomizing nozzles

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**Legend:**  
- Diagram of atomizing nozzle
- Diagram of atomizing nozzle with dimensions

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**Notes:**  
- Fine full cone atomization and fogging with air or gas.
- Especially wide spray angle of 60°.
- Pressure principle.
- Internal mixing of fluids.
- Applications: Humidification of air, cooling.

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**Specifications:**  
- Pneumatic atomizing nozzles, Full cone, pressure principle, internal mixing  
- Series 136.2  
- Detailed specifications and diagrams provided in the document.