Pneumatic atomizing nozzles,
Full cone, pressure principle, internal mixing
Series 166.2

Version with magnetic valve.
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.

Technical Data:
- Service pressure: 0-6 bar
- Voltage: 24 V DC
- Power: 8 W
- Switching frequency: ca. 500/min
- Protective System: IP 67
- Ambient temperature: 10°C / +50°C
- Material of gasket: EPDM

Accessories for series 166
please refer to page 1.29

<table>
<thead>
<tr>
<th>Spray angle</th>
<th>Ordering no.</th>
<th>E [mm]</th>
<th>Liquid pressure p [bar]</th>
<th>Spray dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>60°</td>
<td>Type</td>
<td>Mat. no.</td>
<td>0.7</td>
<td>1.5</td>
</tr>
<tr>
<td>166.215.xx.A2</td>
<td>0.5</td>
<td>303 SS</td>
<td>1.00</td>
<td>3.00</td>
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<tr>
<td>166.222.xx.A2</td>
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<td>303 SS</td>
<td>0.80</td>
<td>17.50</td>
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<td>166.231.xx.A2</td>
<td>1.4</td>
<td>303 SS</td>
<td>1.60</td>
<td>25.60</td>
</tr>
</tbody>
</table>

E = narrowest free cross section (water)

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

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