HPS III-MHR 200 radial version

Technical data

Version 12/2018
# HPS III-MHR200 radial version

Single nozzle and system nozzle

## Dimensions and tip versions

<table>
<thead>
<tr>
<th>Version</th>
<th>System nozzle</th>
<th>Single nozzle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine radius (Dim. R)</td>
<td>--</td>
<td>0 15 15.5 40 1/2&quot; (13.2) 3/4&quot; (19.5)</td>
</tr>
<tr>
<td>Dim. T</td>
<td>--</td>
<td>0 2 2 0.8 2 1.8</td>
</tr>
<tr>
<td>Locating ring</td>
<td>--</td>
<td>Item number 50456... Diameter .100 / .110 / .125 / .160 / .175</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>System nozzle</th>
<th>Single nozzle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of tips</td>
<td>1, 2, 4</td>
<td></td>
</tr>
<tr>
<td>Nozzle length (Dim. G)</td>
<td>105</td>
<td>114</td>
</tr>
<tr>
<td>Height of nozzle holder for system nozzle (Dim. N)</td>
<td>15</td>
<td>15 - 24</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tip versions</th>
<th>90°</th>
<th>60°</th>
<th>0°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pitch diameter (Dim. Y)</td>
<td>60</td>
<td>60</td>
<td>56</td>
</tr>
<tr>
<td>Dim. X</td>
<td>60</td>
<td>64.5</td>
<td>65</td>
</tr>
<tr>
<td>Recommended gate diameters</td>
<td>0.8 - 1.5</td>
<td>0.8 - 1.5</td>
<td>0.8 - 1.5</td>
</tr>
</tbody>
</table>

(1) Other nozzle lengths available on request

## Item numbers:

- **System nozzle:** MHR200-V01-95...
- **Single nozzle:** MHR200-V01-93...

Each nozzle will be configured individually to suit your application requirements. Please contact us!
ATTENTION!
The injection unit contact pressure must not exceed 30 KN

HPS III
Verteiler manifold

2 Spitze / 2 tips = 6mm
4 Spitzen / 4 tips = 10mm

1 Spitze / 1 tip
2 Spitze / 2 tips
4 Spitzen / 4 tips

MHR200-V01-95...

4 Spitzen / 4 tips

MHR200-V01-93...

4 Spitzen / 4 tips

27mm G = 105
36mm G = 114
66mm G = 144
HPS III-MHR200 radial version
Assembly example for single nozzle

From dimension X the installation is identical to the system nozzle installation (see right page)

ATTENTION!
The injection unit contact pressure must not exceed 30 KN
HPS III-MHR200 radial version
Assembly example for system nozzle
HPS III-MHR200 radial version

Details of gating geometries

Enlarging ØD results in a different gate contour

Beispiel/example

Enlarging ØD results in a different gate contour
HPS III-MHR200 radial version
Details of gating geometries