HPS III-MHR111 radial version

Technical data

Version 07/2021
HPS III-MHR111 radial version

Overview

1. HPS III-MHR111 radial version
   for use with adapter nozzle

2. Adapter nozzle 93309-U01...
   for use as single nozzle

3. Adapter nozzle 95308-U01...
   Standard installation for use as system nozzle

4. Adapter nozzle 95309-U01...
   Front installation for use as system nozzle
HPS III-MHR111 radial version
for use with adapter nozzle

Dimensions and tip versions

<table>
<thead>
<tr>
<th>Number of tips</th>
<th>2, 4, 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td></td>
</tr>
<tr>
<td>With adapter nozzle as single nozzle</td>
<td>With adapter nozzle as system nozzle for standard installation</td>
</tr>
<tr>
<td>Nozzle length (Dim. G) (^{(1)})</td>
<td>181</td>
</tr>
<tr>
<td>Height of nozzle holder (Dim. N)</td>
<td>55</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tip versions</th>
<th>90°</th>
<th>60°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pitch diameter (Dim. Y)</td>
<td>58</td>
<td>58</td>
</tr>
<tr>
<td>Dim. X</td>
<td>60</td>
<td>63</td>
</tr>
<tr>
<td>Recommended gate diameters</td>
<td>0,5 - 1,2</td>
<td>0,6 - 1,0</td>
</tr>
</tbody>
</table>

(1) Other nozzle lengths available on request

Item numbers:
For use with adapter nozzle as system nozzle: MHR111-95...
For use with adapter nozzle as single nozzle: MHR111-93...
Each nozzle will be configured individually to suit your application requirements. Please contact us!
HPS III-MHR111 radial version

Installation
HPS III-MHR111 radial version
Details of gating geometries
Adapter nozzle 93309-U01...
for use as single nozzle

<table>
<thead>
<tr>
<th>Dim. X</th>
<th>HPS III-MHR 111</th>
<th>HPS III-MHR 112</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Results in Dim. G</td>
<td>Results in Dim. G</td>
</tr>
<tr>
<td>52</td>
<td>-</td>
<td>178</td>
</tr>
<tr>
<td>72</td>
<td>181</td>
<td>198</td>
</tr>
<tr>
<td>92</td>
<td>201</td>
<td>218</td>
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<tr>
<td>112</td>
<td>221</td>
<td>238</td>
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<tr>
<td>132</td>
<td>241</td>
<td>258</td>
</tr>
<tr>
<td>152</td>
<td>-</td>
<td>278</td>
</tr>
</tbody>
</table>

Ordering example:

93309-U01.072-040
ATTENTION!
The injection unit contact pressure must not exceed 50 KN.
Adapter nozzle 93309-U01...
Locating ring / Assembly note

Locating ring 51005 . . .

Plate thickness 36 mm

1 Screws:
  4 x DIN 912, M8 x 30-12.9, 45 Nm lubricated

<table>
<thead>
<tr>
<th>Item number</th>
<th>Ø A</th>
<th>Ø C</th>
</tr>
</thead>
<tbody>
<tr>
<td>51005.100</td>
<td>117</td>
<td>99.80</td>
</tr>
<tr>
<td>51005.000</td>
<td>118</td>
<td>101.34</td>
</tr>
<tr>
<td>51005.110</td>
<td>127</td>
<td>109.80</td>
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<td>51005.125</td>
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<td>51005.160</td>
<td>177</td>
<td>158.80</td>
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<tr>
<td>51005.175</td>
<td>192</td>
<td>174.80</td>
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</table>
### Adapter nozzle 95308-U01...

**Standard installation for use as system nozzle**

<table>
<thead>
<tr>
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<th>HPS III-MHR 111 Results in Dim. G</th>
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<td>153</td>
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<tr>
<td>72</td>
<td>156</td>
<td>173</td>
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<td>176</td>
<td>193</td>
</tr>
<tr>
<td>112</td>
<td>196</td>
<td>213</td>
</tr>
<tr>
<td>132</td>
<td>216</td>
<td>233</td>
</tr>
<tr>
<td>152</td>
<td>-</td>
<td>253</td>
</tr>
<tr>
<td>172</td>
<td>-</td>
<td>273</td>
</tr>
</tbody>
</table>

**Ordering example:**

95308-U01.072
Adapter nozzle 95308-U01...

Installation

Technical data
**Adapter nozzle 95309-U01...**

Front installation for use as system nozzle

<table>
<thead>
<tr>
<th>Dim. X</th>
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<tr>
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<td>132</td>
<td>236</td>
<td>253</td>
</tr>
<tr>
<td>152</td>
<td>-</td>
<td>273</td>
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</tbody>
</table>

**Ordering example:**

95309-U01.072
Adapter nozzle 95309-U01...

Installation
Adapter nozzle 95308-U01... / 95309-U01...
Assembly examples