Gas Mixer

DATA SHEET

Description

The gas mixer is an indispensable component of the fuel system. Whilst the throttle valve controls the quantity of the mixture, the mixing unit takes care for quality of the mixture.

HEINZMANN mixers provide a very homogeneous air and gas mixture and an optimal Air to Fuel Ratio (AFR) over the entire speed and load range of the engine. HEINZMANN also can supply the remaining components of the fuel system such as main adjusting screw, zero pressure regulator, throttle valve, speed and load control, AFR controls for stoichiometric as well as for lean burn, adaptors, levers etc..

Application range

<table>
<thead>
<tr>
<th>Type</th>
<th>Gas Engine Output Range in kW *</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stoichiometric</td>
</tr>
<tr>
<td></td>
<td>min.</td>
</tr>
<tr>
<td>Size 50</td>
<td>35</td>
</tr>
<tr>
<td>Size 100</td>
<td>70</td>
</tr>
<tr>
<td>Size 140</td>
<td>140</td>
</tr>
<tr>
<td>Size 200</td>
<td>330</td>
</tr>
<tr>
<td>Size 300</td>
<td>750</td>
</tr>
</tbody>
</table>

* Power at draw-through carburation. In blow-through application the output will be 50 % to 150 % higher, dependent on the boost pressure
** Power at an Air to Fuel Ratio of about 1.6

Technical data

- **Operating temperature:** -20 to +150 °C
- **Max. boost pressure:** 4 bar abs.
**Dimensions**

**Size 50**

**Size 100**

**Size 140**

**Size 200**

Dimensions for size 300 on request

**Certificates**

ATEX II 2 G c II

For further information please see the relevant manual:
AFR 05 001-e 10-08 KRONOS 10.pdf

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