12 - 60 kVA at 1500/1800 min⁻¹ | rpm

The engine with external oil cooling system.

These are the characteristics of the 2011 Gen:

- 2, 3 and 4 cylinder naturally aspirated in-line engines.
- 4 cylinder model also with turbocharging.
- Displacement: 0.78 l/cylinder.
- Fully oil-cooled (engine with conventional cooling system).
- Acoustically optimized crankcase.
- All service points on the same engine side.
- Electronic engine governor (option).
- Compact design and low weight.
- Worldwide service network with over 1,000 locations.

Your benefits:

- Low noise emission, cost savings as no noise attenuation measures are required.
- Long oil change intervals: 1,000-hour / turbocharged engines 500 hour and low fuel consumption bring savings in operating cost.
- Low installation cost.
- Excellent load takeover characteristics ensure prompt power supply.
- Combined oil cooling and lubrication prevents corrosion and cavitation. High reliability and durability together with reduced maintenance requirement and wear parts.

Dimensions and weights

<table>
<thead>
<tr>
<th>Engine</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F2M 2011</td>
<td>845</td>
<td>643</td>
<td>762</td>
<td>206</td>
</tr>
<tr>
<td>F3M 2011</td>
<td>956</td>
<td>616</td>
<td>761</td>
<td>247</td>
</tr>
<tr>
<td>F4M 2011</td>
<td>1067</td>
<td>616</td>
<td>778</td>
<td>286</td>
</tr>
<tr>
<td>BF4M 2011</td>
<td>1080</td>
<td>649</td>
<td>807</td>
<td>286</td>
</tr>
<tr>
<td>BF4M 2011 C</td>
<td>1183</td>
<td>717</td>
<td>807</td>
<td>350</td>
</tr>
</tbody>
</table>

BDC for engine manuals and specs
https://barringtondieselclub.co.za/
### Rating table: 2011. The Genset Engine. 50 Hz

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Speed</td>
<td>min⁻¹ rpm</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
</tr>
<tr>
<td>Frequency</td>
<td>Hz</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

#### Engine/genset ratings

1. **Continuous power, ICN (COP)**
   - kW | hp
   - 11.8 | 16.0
   - 18.5 | 25.2
   - 26.6 | 36.2
   - 35.6 | 48.4
   - 53.3 | 72.5

2. **Prime power, ICN (PRP)**
   - kW | hp
   - 12.4 | 16.0
   - 19.4 | 25.4
   - 28.0 | 38.1
   - 37.4 | 50.9
   - 56.1 | 76.3

3. **Limited-time running power, IFN (LTP)**
   - kW | hp
   - 13.0 | 17.7
   - 20.4 | 27.7
   - 29.4 | 40.0
   - 39.2 | 53.3
   - 59.0 | 80.2

#### Spec. fuel consumption PRP (LTP)

<table>
<thead>
<tr>
<th>Load</th>
<th>kW/100%</th>
<th>lb/hp-hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>25%</td>
<td>235</td>
<td>0.381</td>
</tr>
<tr>
<td>50%</td>
<td>230</td>
<td>0.373</td>
</tr>
<tr>
<td>75%</td>
<td>225</td>
<td>0.365</td>
</tr>
<tr>
<td>100%</td>
<td>220</td>
<td>0.356</td>
</tr>
</tbody>
</table>

The values given in this data sheet are for information purposes only and not binding. The information given in the offer is decisive. Exhaust-optimized ratings on request.

### Rating table: 2011. The Genset Engine. 60 Hz

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>min⁻¹ rpm</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
</tr>
<tr>
<td>Frequency</td>
<td>Hz</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

#### Engine/genset ratings

1. **Continuous power, ICN (COP)**
   - kW | hp
   - 14.3 | 19.4
   - 21.1 | 30.1
   - 31.8 | 43.2
   - 43.2 | 62.8

2. **Prime power, ICN (PRP)**
   - kW | hp
   - 15.0 | 20.4
   - 23.3 | 31.7
   - 33.5 | 45.6
   - 45.0 | 61.2

3. **Limited-time running power, IFN (LTP)**
   - kW | hp
   - 15.8 | 21.5
   - 24.5 | 33.3
   - 35.2 | 47.9
   - 47.3 | 64.3

#### Spec. fuel consumption PRP (LTP)

<table>
<thead>
<tr>
<th>Load</th>
<th>kW/100%</th>
<th>lb/hp-hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>25%</td>
<td>230</td>
<td>0.373</td>
</tr>
<tr>
<td>50%</td>
<td>225</td>
<td>0.365</td>
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<tr>
<td>75%</td>
<td>220</td>
<td>0.356</td>
</tr>
<tr>
<td>100%</td>
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<td>0.348</td>
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</tbody>
</table>

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