Manufacturer’s statement
ACS850-04 and IE4 SynRM motor package efficiency

Drive: ACS850-04-025A-5
Motor: M3BL 160MLA, 3GBL162101-ASC, \( P_n \) 11 kW, 3000 rpm

**Estimated tolerance according to IEC 60034-1:**
- \( \leq 150 \text{ kW}: 0.15 \times (100 - \text{package efficiency} \%) \) at the nominal point
- \( >150 \text{ kW}: 0.10 \times (100 - \text{package efficiency} \%) \) at the nominal point

**Measurement points according to EN 50598-2 (will be published 2014)**
Package efficiency [%] for applications with other load characteristics:

Efficiency measurements were made at:

<table>
<thead>
<tr>
<th>ABB verification laboratory, Vaasa</th>
<th>X</th>
<th>ABB verification laboratory, Västerås</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABB verification laboratory, Helsinki</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>