**COMPRESSOR DATA SHEET**  
_Rotary Compressor: Fixed Speed_

### MODEL DATA - FOR COMPRESSED AIR

<table>
<thead>
<tr>
<th></th>
<th>Manufacturer:</th>
<th>Boge Kompressoren</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Model Number:</td>
<td>S 61-3</td>
</tr>
<tr>
<td></td>
<td>Air-cooled</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Water-cooled</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Oil-injected</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Oil-free</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Type:</td>
<td>Screw</td>
</tr>
<tr>
<td></td>
<td># of Stages:</td>
<td>1</td>
</tr>
</tbody>
</table>

1. **Rated Capacity at Full Load Operating Pressure**  
   - a, e
   - acfm
   - 207.98 acfm

2. **Full Load Operating Pressure**  
   - b
   - psig
   - 190 psig

3. **Maximum Full Flow Operating Pressure**  
   - c
   - psig
   - 200 psig

4. **Drive Motor Nominal Rating**  
   - hp
   - 60 hp

5. **Drive Motor Nominal Efficiency**  
   - percent
   - 93.6 percent

6. **Fan Motor Nominal Rating (if applicable)**  
   - hp
   - 3.5 hp

7. **Fan Motor Nominal Efficiency**  
   - percent
   - 85.5 percent

8. **Total Package Input Power at Zero Flow**  
   - kW
   - 8.7 kW

9. **Total Package Input Power at Rated Capacity**  
   - kW
   - 53.5 kW

10. **Specific Package Input Power at Rated Capacity and Full Load Operating Pressure**  
    - kW
    - 25.74 kW/100 cfm

* For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator.

Consult CAGI website for a list of participants in the third party verification program: [www.cagi.org](http://www.cagi.org)

**NOTES:**

- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.
- c. No Load Power. In accordance with ISO 1217, Annex E, if measurement of no load power equals less than 1%, manufacturer may state “not significant” or “0” on the test report.
- d. Tolerance is specified in ISO 1217, Annex E, as shown in table below:
- e. The terms "power" and "energy" are synonymous for purposes of this document.

<table>
<thead>
<tr>
<th>Volume Flow Rate at specified conditions</th>
<th>Specific Energy Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>m³/min</td>
<td>%</td>
</tr>
<tr>
<td>Below 0.5</td>
<td>Below 15</td>
</tr>
<tr>
<td>0.5 to 1.5</td>
<td>15 to 50</td>
</tr>
<tr>
<td>1.5 to 15</td>
<td>50 to 500</td>
</tr>
<tr>
<td>Above 15</td>
<td>Above 500</td>
</tr>
</tbody>
</table>

This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data.