

**COMPRESSOR DATA SHEET**  
**Rotary Screw Compressor**

| MODEL DATA - FOR COMPRESSED AIR |   |                       |                   |
|---------------------------------|---|-----------------------|-------------------|
| 1                               | Manufacturer: <b>Kaeser Compressors, Inc.</b>   |                       |                   |
| 2                               | Model Number: <b>SFC 30S - 125 psig</b>   | # of Stages: <b>1</b> |                   |
|                                 | <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled      | VALUE                 | UNIT              |
|                                 | <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free        |                       |                   |
| 3                               | Rated Capacity at Full Load Operating Pressure <sup>a</sup>                               | <b>194</b>            | acfm <sup>a</sup> |
| 4                               | Full Load Operating Pressure <sup>b</sup>   | <b>115</b>            | psig <sup>b</sup> |
| 5                               | Maximum Full Flow Operating Pressure <sup>c</sup>   | <b>125</b>            | psig <sup>c</sup> |
| 6                               | Drive Motor Nameplate Rating  | <b>40</b>             | hp                |
| 7                               | Drive Motor Nameplate Efficiency  | <b>92.4</b>           | percent           |
| 8                               | Fan Motor Nameplate Rating (if applicable)  | <b>0.75</b>           | hp                |
| 9                               | Fan Motor Nameplate Efficiency  | <b>67</b>             | percent           |
| 10                              | Total Package Power Input at Rated Capacity and Full Load Operating Pressure <sup>d</sup> | <b>37.1</b>           | kW <sup>d</sup>   |
| 11                              | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure           | <b>19.1</b>           | kW/100 cfm        |

**NOTES:**

- Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217); acfm is actual cubic feet per minute at inlet conditions.
- The operating pressure at which the Capacity (item 3) and Electrical Consumption (item 10) were measured for this data sheet.
- Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- Total package input power at other than reported operating points will vary with control strategy.

**Member:**


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.