

COMPRESSOR DATA SHEET
Rotary Screw Compressor

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|-------------------------------------------------------------------------------------------|-----------------------|-------------------|
| 1 | Manufacturer: Kaeser Compressors, Inc. | | |
| 2 | Model Number: BSD 40 - 125 psig | # of Stages: 1 | |
| | <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 ^a | 195 | acfm ^a |
| 4 | Full Load Operating Pressure ^b | 115 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 125 | psig ^c |
| 6 | Drive Motor Nameplate Rating | 40 | hp |
| 7 | Drive Motor Nameplate Efficiency | 91.7 | percent |
| 8 | Fan Motor Nameplate Rating (if applicable) | 1 | hp |
| 9 | Fan Motor Nameplate Efficiency | 72 | percent |
| 10 | Total Package Power Input at Rated Capacity and Full Load Operating Pressure ^d | 36.2 | kW ^d |
| 11 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure | 18.5 | 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.