

COMPRESSOR DATA SHEET

Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|---|--------------|-------------------------|
| 1 | Manufacturer: Chicago Pneumatic | | |
| | Model Number: QRS 10 | Date: | Dec-17 |
| 2 | x Air-cooled Water-cooled | Type: | Screw |
| | X Oil-injected Oil-free | # of Stages: | 3 |
| | Rated Capacity at Full Load Operating | | |
| 3* | Pressure a, e | 28.6 | acfm ^{a,e} |
| 4 | Full Load Operating Pressure b | 175 | psig b |
| 5 | Maximum Full Flow Operating Pressure ^c | 182 | psig ^c |
| 6 | Drive Motor Nominal Rating | 10 | hp |
| 7 | Drive Motor Nominal Efficiency | 90.3 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | NA | hp |
| 9 | Fan Motor Nominal Efficiency | NA | percent |
| 10* | Total Package Input Power at Zero Flow | 2.5 | kW ^e |
| 11 | Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d | 9.1 | ${ m kW}^{ m d}$ |
| 12* | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure | 31.8 | kW/100 cfm ^e |

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

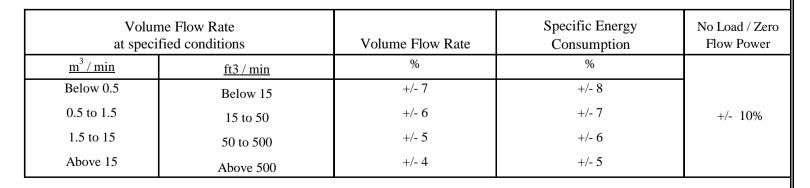
Consult CAGI websitefor a list of participants in the third party verification program:

www.cagi.org

NOTES:

Member

- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. 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.
- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:



ROT 030

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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.