

# COMPRESSOR DATA SHEET

## Federal Uniform Test Method for Certain Air Compressors Not Applicable

### Rotary Compressor: Fixed Speed

#### MODEL DATA - FOR COMPRESSED AIR

|     |                                                                                              |                         |                         |
|-----|----------------------------------------------------------------------------------------------|-------------------------|-------------------------|
| 1   | Manufacturer: <b>Hertz Kompressoren</b>                                                      |                         |                         |
| 2   | Model Number: <b>EAGLE-N 250</b>                                                             | Date: <b>28.11.2025</b> |                         |
|     | <input type="checkbox"/> Air-cooled <input checked="" type="checkbox"/> Water-cooled         | Type: <b>Screw</b>      |                         |
|     | <input type="checkbox"/> Oil-injected <input checked="" type="checkbox"/> Oil-free           | # of Stages: <b>2</b>   |                         |
| 3*  | Rated Capacity at Full Load Operating Pressure <sup>a, c</sup>                               | 1308,7                  | acfm <sup>a, c</sup>    |
| 4   | Full Load Operating Pressure <sup>b</sup>                                                    | 150                     | psig <sup>b</sup>       |
| 5   | Maximum Full Flow Operating Pressure <sup>c</sup>                                            | 150                     | psig <sup>c</sup>       |
| 6   | Drive Motor Nominal Rating                                                                   | 340                     | hp                      |
| 7   | Drive Motor Nominal Efficiency                                                               | 96,2%                   | percent                 |
| 8   | Fan Motor Nominal Rating (if applicable)                                                     | 1,4                     | hp                      |
| 9   | Fan Motor Nominal Efficiency                                                                 | NA                      | percent                 |
| 10* | Total Package Input Power at Zero Flow <sup>e</sup>                                          | 89,3                    | kW <sup>e</sup>         |
| 11  | Total Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>d</sup>    | 278,1                   | kW <sup>d</sup>         |
| 12* | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>e</sup> | 21,25                   | kW/100 cfm <sup>e</sup> |

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

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

#### NOTES:

- 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.
- The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) 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.
- Tolerance is specified in ISO 1217, Annex C, as shown in table below:

Member



| Volume Flow Rate at specified conditions |                    | Volume Flow Rate | Specific Energy Consumption | No Load / Zero Flow Power |
|------------------------------------------|--------------------|------------------|-----------------------------|---------------------------|
| $\frac{m^3}{min}$                        | $\frac{ft^3}{min}$ | %                | %                           |                           |
| Below 0.5                                | Below 15           | +/- 7            | +/- 8                       | +/- 10%                   |
| 0.5 to 1.5                               | 15 to 50           | +/- 6            | +/- 7                       |                           |
| 1.5 to 15                                | 50 to 500          | +/- 5            | +/- 6                       |                           |
| Above 15                                 | Above 500          | +/- 4            | +/- 5                       |                           |

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