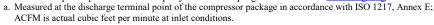


COMPRESSOR DATA SHEET

In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors **Rotary Compressor: Variable Frequency Drive**

| MODEL DATA - FOR COMPRESSED AIR | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------|-------------------------------------------|--|--|--|--|
| 1 Manufacturer: Hertz Kompressoren | | | | | | | |
| Model Number: HVD 37 | | Date: | 05.07.21 | | | | |
| X Air-cooled | Water-cooled | Туре: | Screw | | | | |
| X Oil-injected | Oil-free | # of Stages: | 1 | | | | |
| Rated Operating Pressure | | 125 | $psig^b$ | | | | |
| Drive Motor Nominal Rating | | 50 | hp | | | | |
| Drive Motor Nominal Efficiency | | 94,8 | percent | | | | |
| Fan Motor Nominal Rating (if applicable) | | 1,92 | hp | | | | |
| Fan Motor Nominal Efficiency | | 73,1 | percent | | | | |
| Input Power (kW) | | Capacity (acfm) ^{a,d} | Specific Power (kW/100 acfm) ^d | | | | |
| 46,6 | Max | 216,5 | 21,53 | | | | |
| 41,1 | | 188,8 | 21,77 | | | | |
| 33,7 | | 153,0 | 22,03 | | | | |
| 26,5 | | 118,1 | 22,44 | | | | |
| 19,3 | | 83,0 | 23,24 | | | | |
| 12,8 Min | | 47,6 | 26,89 | | | | |
| Total Package Input Power at Zero Flow ^{c, d} | | 4,4 | kW | | | | |
| Isentropic Efficiency | | 69,8 | Percent | | | | |
| 35,00 30,00 Specific Power 20,00 Specific Power 20, | _ | ity (ACFM) | | | | | |
| | 10,00 | 10,00 | 10,00 | | | | |

*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: NOTES:



- b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) 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:

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

Member

| V | olume Flow Rate | | Specific Energy | |
|----------------------|-----------------------|------------------|-----------------|---------------------------|
| at s | pecified conditions | Volume Flow Rate | Consumption | No Load / Zero Flow Power |
| m ³ / min | ft ³ / min | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +/- 8 | |
| 0.5 to 1.5 | 17.6 to 53 | +/- 6 | +/- 7 | +/- 10% |
| 1.5 to 15 | 53 to 529.7 | +/- 5 | +/- 6 | |
| Above 15 | Above 529.7 | +/- 4 | +/- 5 | |

ROT 031.1 12/19 Rev 3 This form was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data