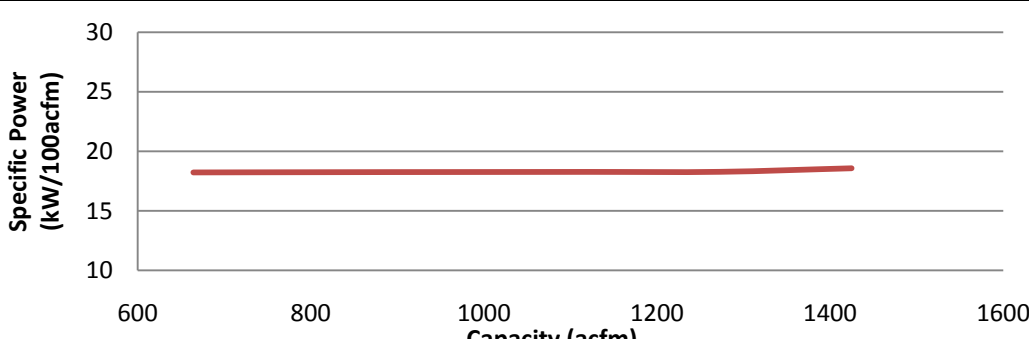


COMPRESSOR DATA SHEET
Rotary Screw Variable Frequency Drive Compressor

| MODEL DATA - FOR COMPRESSED AIR | | | |
|---------------------------------|--|--|---|
| 1 | Manufacturer: Ingersoll Rand | | Date: March 9, 2010 |
| 2 | Model Number R225NE | | # of Stages 2 |
| | <input type="checkbox"/> Air-cooled | <input checked="" type="checkbox"/> Water-cooled | |
| | <input checked="" type="checkbox"/> Oil Injected | <input type="checkbox"/> Oil-Free | |
| | | VALUE | UNIT |
| 3 | Full Load Operating Pressure ^b | 145 | psig ^b |
| 4 | Maximum Full Flow Operating Pressure ^c | 145 | psig ^c |
| 5 | Drive Motor Nameplate Rating | 300 | hp |
| 6 | Drive Motor Nameplate Nominal Efficiency | 95.5% | |
| 7 | Fan Motor Nameplate Rating (if applicable) | 1.0 | hp |
| 8 | Fan Motor Nameplate Nominal Efficiency | 80.0% | |
| 9 | Input Power (kW) | Capacity (acfm) ^{a,e} | Specific Power (kW/100 acfm) ^e |
| | 264.8 | 1425.0 | 18.6 |
| | 232.6 | 1272.8 | 18.3 |
| | 204.7 | 1120.7 | 18.3 |
| | 176.8 | 968.5 | 18.3 |
| | 148.9 | 816.4 | 18.2 |
| | 121.0 | 664.2 | 18.2 |
| 10 | Total Package Input Power at Zero Flow ^d | 0.0 | kW ^d |
| 11 |  | | |

Note: Graph is only a visual representation of the data in section 9

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the Annex E to ISO 1217. acfm is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity and Electrical Consumption 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. No Load Power. Total package input power at other than reported operating points will vary with control strategy
- e. Tolerance is specified in the Annex E to ISO 1217

Member:



| Volume flow rate at specified conditions | | Volume Flow Rate | Specific Energy |
|--|----------------------|------------------|-----------------|
| m ³ /min | ft ³ /min | % | % |
| Below 0.5 | Below 15 | +/-7 | +/-8 |
| 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 |