COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

	K	MODEL DATA - FO			
1	Manufacturer: Ingersoll Rand				
	Model Number:	RS22ne-A110		Date	August 2018
2	X Air-cooled Water-cooled			Type:	Screw
	X Oil-injected Oil-free			# of Stages:	1
3	Rated Operating Pressure			110	psig ^b
4	Drive Motor Nominal Rating			30	hp
5	Drive Motor Nominal Efficiency			93.0%	percent
6	Fan Motor Nominal Rating (if applicable)			0.7	hp
7	Fan Motor Nominal Efficiency			79.5%	percent
	Input Power (kW)			Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	27.56 Max			137.3	20.08
8*	23.83			119.4	19.95
	20.37			101.0	20.17
	16.74			82.6	20.26
	13.26			63.9	20.75
	10.54 M			47.0	22.42
9*	Total Package Input Power at Zero Flow ^{c, d}			0	kW
10	35 30 30 30 30 30 30 30 30 30 30	Note: Graph is only a visu			140 160
	Note: Graph is only a visual representation of the data in section 8 Note: Y-axis scale 10 to 35, +5kW/100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity				

^{*} For models that are tested in the CAGI Performance verification Program, these items are verified by program administrator

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

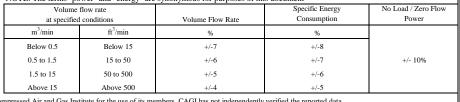
www.cagi.org

a. Measured at the discharge terminal point of the compressor package in accordance with

ISO 1217, Annex E; 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. 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





ROT 031

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