CCN 47804990001 Rev D FCN 14894



COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Manufacturer: Ing						
Model Number E160n-A115 (NA-IP55)			Date: June 2023		3	
X Air-cooled Water-cooled Oil Injected X Oil-Free				Type:	Screw	
				# of Stages:	2	
Full Load Operating Pressure ^b			115	psig ^b		
Drive Motor Nominal Rating			215 hp			
Drive Motor Nominal Efficiency				97.0%	percent	
Fan Motor Nominal Rating (if applicable)			10.1	hp		
Fan Motor Nominal Efficiency			92.1%	percent		
Input Power (kW)			Capacity (acfm) a,d	Specific Power (kW/100 acfm) ^d		
187.0			Max	941	19.87	
1	157.4			814 19.33		
1	129.8			686	18.93	
1	103.7			552	18.78	
	76.1			396	19.22	
50.7			Min	235	21.57	
Total Package Input Power at Zero Flow ^{c, d}				0.0	kW	
Specific Power (kW/100ACFM) 15 10 0		: Graph is only a visual	representation of t		1000	1200
	Model Number X Air-cooled Oil Injected Full Load Operating Drive Motor Noming Fan Motor Noming Fan Motor Noming Fan Motor Noming Total Package Input 30 25 30 25 30 15	Model Number E160n-A Model Number E160n-A X Air-cooled Water Oil Injected X Oil-Fi Full Load Operating Pressure Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Efficiency Input Power 187.0 157.4 129.8 103.7 76.1 50.7 Total Package Input Power at Zero 30 25 30 25 30 25 30 30 30 30 30 30 30 30 30 30 30 30 30	MODEL DATA - FOR Manufacturer: Ingersoll Rand Model Number E160n-A115 (NA-IP55) X Air-cooled Water-cooled Oil Injected X Oil-Free Full Load Operating Pressure Full Load Operating Pressure Fund Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Efficiency Input Power (kW) 187.0 157.4 129.8 103.7 76.1 50.7 Total Package Input Power at Zero Flower, d 30 25 Model Water-cooled A Oil-Free Full Load Operating Pressure Full Load Operating Pressure Note: Graph is only a visual of the cooled and	MODEL DATA - FOR COMPRESS Manufacturer: Ingersoll Rand Model Number E160n-A115 (NA-IP55) X Air-cooled Water-cooled Oil Injected X Oil-Free Full Load Operating Pressure ^b Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Efficiency Input Power (kW) 187.0 Max 157.4 129.8 103.7 76.1 50.7 Min Total Package Input Power at Zero Flow ^{c, d}	Model Number E160n-A115 (NA-IP55) Date: X Air-cooled	MANUFACTURES: Ingersoll Rand

^{*} 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

NOTES:

Member:

- 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

Member:

ROT 031.2

12/19 R3

Volume flow rate Specific Energy No Load / Zero Flow at specified conditions Consumption Power Volume Flow Rate m³/min Below 0.5 Below 17.6 +/-7 0.5 to 1.517.6 to 53 +/- 10% +/-6 +/-7 1.5 to 15 53 to 529.7 +/-5 +/-6 Above 15 Above 529.7 +/-5

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