

COMPRESSOR DATA SHEET

In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors

Rotary Compressor: Variable Frequency Drive

1) AIR	
	Manufacturer	: FS C	urtis			
	Model Numbe	er: NxV1	85-115		Date:	March, 2018
2	X Air-cooled Water-cooled			Туре:		Screw
2.1	Full Load Operating Pressure b				# of Stages: 1	
3*	Full Load Operating Pressure ^b			115	psig	
4	Drive Motor Nominal Rating		250	hp		
5	Drive Motor Nominal Efficiency Fan Motor Nominal Rating (if applicable)		96.2 6	percent		
6 7	Fan Motor Nominal Efficiency			89.5	hp	
7	Input Power (kW)			Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d	
	225			1050	21.43	
8*	191			930	20.54	
	155			775	20.00	
	115			613	18.76	
	59			315	18.73	
9*	Total Package Input Power at Zero Flow c, d			0.0	kW	
10	Isentropic Eff	iciency		73.40		%
11	Specific (kW/100	C Note: Graph is only a vis				
		15.00	C Note: Graph is only a vis Note: Y-Axis Scale, 10 to 35, +	Capacity (ACFM) ual representation of the data in 5kW/100acfm increments if neces	Section 8	00.0 1100.0 1200.0
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ROT 031.1

Above 15

Above 529.7

+/- 4 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.

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