COMPRESSOR DATA SHEET



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

Rotary Compressor: Variable Frequency Drive

	1	Manuf	acturer:	Gar	dner Denver			
┝	1							
	2	X Air-cooled Water-cooled					Туре:	12/17/21 Screw
						# of Stages:		1
⊦	3*	Full Load Operating Pressure			b ssure	125	" of Stages.	psig ^b
F	4	Drive Motor Nominal Rating				125	hp	
F	5	Drive Motor Nominal Efficiency Fan Motor Nominal Rating (if applicable)				95.4		percent
F	6				•	3.5		hp
	7	Fan Motor Nominal Efficiency				89.5	percent	
ſ		Input Power (kW)				Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d	
		113.40				601.6	18.85	
	8*	96.61			513.3	18.82		
		79.75			423.4	18.84		
		63.49				331.0	19.18	
		48.04				234.9	20.45	
Ļ		39.14 c.d.				175.9	22.26	
Ļ	9*	Total Package Input Power at Zero Flow ^{c, d}				11.8	kW	
Ļ	10	Isentropic Efficiency				78.26		%
	11		Specific Power (kW/100 ACFM)	20.00				
		Note: Graph is only a vis Note: Y-Axis Scale, 10 to 35,				300.0 400.0 500.0 600.0 700.0 Capacity (ACFM) sual representation of the data in Section 8 + 5kW/100acfm increments if necessary above 35 0 to 25% over maximum capacity		
							rified by the thir	
ressed Air & Ga	Consult C.	AGI websit a. 1 b. 7 c. 1 d. 7	te for a lis Measured ACFM is a The opera No Load F manufactu Tolerance	st of particip at the dischar actual cubic f ting pressure Power. In acc irer may state is specified in	ants in the third party ver ge terminal point of the cor- eet per minute at inlet cond at which the Capacity (Item ordance with ISO 1217, An "not significant" or "0" on n ISO 1217, Annex E, as sh	mpressor package in accorda itions. 1 8) and Electrical Consumpt nex E, if measurement of no the test report.	www.cagi.org nce with ISO 121 ion (Item 8) were load power equal	7, Annex E; measured for this data sheet.
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