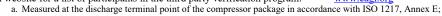


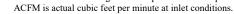
## **COMPRESSOR DATA SHEET**

## In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors **Rotary Compressor: Variable Frequency Drive**

	<b>Rotary Compressor: Var</b> <b>MODEL DATA - FOR (</b>	, ,	C
1	Manufacturer: Hertz Kompressor	en	
2	Model Number: HVD 132	Date:	05.07.21
	X Air-cooled Water-cooled	Type:	Screw
	X Oil-injected Oil-free	# of Stages:	1
3	Rated Operating Pressure	100	$psig^b$
4	Drive Motor Nominal Rating	180	hp
5	Drive Motor Nominal Efficiency	96,4	percent
6	Fan Motor Nominal Rating (if applicable)	4,09	hp
7	Fan Motor Nominal Efficiency	55,7	percent
	Input Power (kW)	Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>
	165,8 M	ax 911,1	18,20
0.1	142,8	776,9	18,38
8*	123,9	666,7	18,58
	100,9	531,0	19,00
	89,8	429,2	20,92
	64,7 N	lin <b>300,2</b>	21,55
9*	Total Package Input Power at Zero Flow <sup>c, d</sup>	22,0	kW
10	Isentropic Efficiency	73,0	Percent
11	30,00		
	25,00		
	00.02 Dower		
	W/100		_
	15,00		
		500 600 700 800 94 ty (ACFM)	00 1000 1100 1200
	Note: Graph is only a visual re Note: Y-Axis Scale, 10 to 35, + 5kW	presentation of the data in Section 8 100acfm increments if necessary above % over maximum capacity	35

\*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator Consult CAGI website for a list of participants in the third party verification program: www.cagi.org







b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) 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

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		Volume Flow Rate		Specific Energy	
	at specified conditions		Volume Flow Rate	Consumption	No Load / Zero Flow Power
	$\frac{\underline{m^3}}{\underline{min}}$	<u>ft<sup>3</sup> / min</u>	%	%	%
	Below 0.5	Below 17.6	+/- 7	+/- 8	
	0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
	1.5 to 15	53 to 529.7	+/- 5	+/- 6	
ROT 031.1	Above	Above 529.7	+/- 4	+/- 5	

data