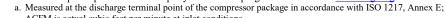
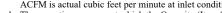


## **COMPRESSOR DATA SHEET**

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

	Model Number:		Hertz Kompressoren IMPETUS VSD 250	Date:	03/07/23
2	X   Air-cooled   Water-cooled			Туре:	Screw
		njected	Oil-free	# of Stages:	2
3	Rated Operating	Pressure	e	150	psig <sup>b</sup>
4	Drive Motor Nor	ninal Ra	ting	335	hp
5	Drive Motor Nor	ninal Ef	ficiency	97	percent
6	Fan Motor Nomi	nal Rati	ng (if applicable)	7.0 / 3.0	hp
7	Fan Motor Nomi	nal Effic	ciency	88 / 84	percent
8*	It	nput Pov	ver (kW)	Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>
	308.4	1	Max	1559.1	19.78
	267.2	3		1375.7	19.43
	231.	9		1176.5	19.71
	197.1			991.4	19.88
	163.0			791.1	20.61
	129.5		Min	589.9	22.00
9*	-	^	er at Zero Flow <sup>c, d</sup>	45.0	kW
10	Isentropic Efficie	ncy		83.7	Percent
11	Specific Power (kW/100 ACFM)	30.00 25.00 20.00 15.00 10.00 0	Capac Note: Graph is only a visual re	ity (ACFM) presentation of the data in Sectio	
			Note: Y-Axis Scale, 10 to 35, + 5kW		







- a. Measured at the dischage terminal point of the complexity package in accordance with 150 1217, Antex E, ACFM is actual cubic feet per minute at inlet conditions.
  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.

	Vc	lume Flow Rate		Specific Energy		
	at sp	ecified conditions	Volume Flow Rate	Consumption	No Load / Zero Flow Power	
	$\underline{m^3 / \min}$	$ft^3 / min$	%	%	%	
	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	1/- 1070	
ROT 031.1	Above 15 Above 529.7		+/- 4	+/- 5		