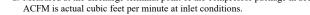


COMPRESSOR DATA SHEET

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

1	Manufacturer:		Hertz Kompressoren		
2	Model Number: IMPETUS VSE		IMPETUS VSD 160	Date:	03/07/23
	X Air-cooled Water-cooled			Type:	Screw
	X Oil-injected Oil-free			# of Stages:	2
3	Rated Operating	Pressure	;	175	psig ^b
4	Drive Motor Nor	ninal Ra	ting	220	hp
5	Drive Motor Nor	ninal Eff	iciency	96.7	percent
6	Fan Motor Nomi	nal Ratir	ng (if applicable)	4.0 / 2.0	hp
7	Fan Motor Nomi	nal Effic	iency	86 / 83	percent
0.4	Input Power (kW)			Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	183.5 Max			841.4	21.81
	159.8			726.2	22.00
8*	136.2			614.6	22.15
	116.8			514.5	22.71
	94.8			393.0	24.13
	73.3 Min			287.8	25.47
9*		-	er at Zero Flow ^{c, d}	24.3	kW
10	Isentropic Efficie	ncy		82.1	Percent
11	Specific Power (kW/100 ACFM)	30.00 25.00 20.00 15.00 0		0 700 800 900 1000 1100	0 1200 1300 1400
		Capacity (ACFM) Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 10 to 35, + 5kW100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity			

te for a list of participants in the third party verification program: <u>www.cagi.org</u> a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; Consult CAGI website for a list of participants in the third party verification program: NOTES:



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	Ve	olume Flow Rate		Specific Energy	
	at sp	pecified 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/- 10/0
ROT 031.1	Above 15	Above 529.7	+/- 4	+/- 5	
12/19 Rev 3 This form	vas developed by the	Compressed Air and Gas Institute 1	or the use of its members part	icipating in the PVP. CAGI has 1	not independently verified the reported d