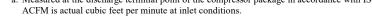


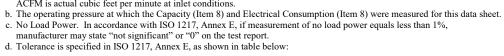
COMPRESSOR DATA SHEET

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

1	Manufacturer:		Hertz Kompressoren		
	Model Number: IMPETUS VSD 110			Date:	03/07/23
2	X Air-c	ooled	Water-cooled	Type:	Screw
	X Oil-i	njected	Oil-free	# of Stages:	2
3	Rated Operating	Pressure	2	125	psig ^b
4	Drive Motor Nor	ninal Ra	ting	150	hp
5	Drive Motor Nor	ninal Efi	ficiency	96.5	percent
6	Fan Motor Nomi	nal Ratii	ng (if applicable)	3.0 / 2.0	hp
7	Fan Motor Nomi	nal Effic	eiency	84 / 83	percent
	Input Power (kW)			Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	141.0 Max			751.8	18.76
	119.3			643.0	18.56
8*	101.4			553.2	18.33
	82.2			441.0	18.63
	65.9			345.5	19.08
	47.9 Min			237.9	20.14
9*	Total Package In	put Pow	er at Zero Flow ^{c, d}	17.2	kW
10	Isentropic Efficie	ncy		80.1	Percent
11	Specific Power (kW/100 ACFM)	30.00 25.00 20.00 15.00 10.00 0			
		v	Capac Note: Graph is only a visual r Note: Y-Axis Scale, 10 to 35, + 5kW	500 600 700 800 900 1000 ty (ACFM) presentation of the data in Section 8 100acfm increments if necessary above 35 % 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:







NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

	Volume 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	⊤/- 10%	
ROT 031.1	Above 15	Above 529.7	+/- 4	+/- 5		