

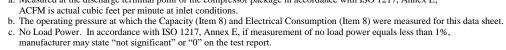
COMPRESSOR DATA SHEET

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 55	Date:	12.06.23
2	X Air-c	ooled	Water-cooled	Type:	Screw
	X Oil-in	njected	Oil-free	# of Stages:	2
3	Rated Operating	Pressure	2	125	psig ^b
4	Drive Motor Nor	ninal Ra	ting	75	hp
5	Drive Motor Nor	ninal Ef	ficiency	96,8	percent
6	Fan Motor Nomi	nal Rati	ng (if applicable)	n/a	hp
7	Fan Motor Nomi	nal Effic	ciency	n/a	percent
	Input Power (kW)			Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ⁶
	64,8 Max			369,4	17,53
	55,3			318,5	17,35
8*	45,2	45,2			17,37
	36,6			203,4	18,00
	27,7			152,9	18,11
	19,8		Min	92,2	21,49
9*	Total Package In	put Pow	er at Zero Flow ^{c, d}	6,7	kW
10	Isentropic Efficie	ncy		85,7	Percent
11	Specific Power (KW/100 ACFM)	30,00 25,00 20,00 15,00			
		10,00	Note: Graph is only a visual r Note: Y-Axis Scale, 10 to 35, + 5kW	ity (ACFM) epresentation of the data in Section	

or Consult CAGI website for a list of participants in the third party verification program: www.cagi.org NOTES:

a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E;





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
	$\underline{m}^3 / \underline{min}$	<u>ft³ / 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	+/- 10%
ROT 031.1	Above 15	Above 529.7	+/- 4	+/- 5	
12/19 Rev 3 This form w	as developed by the	Compressed Air and Gas Institute for	or the use of its members part	icipating in the PVP_CAGI has no	ot independently verified the reported d