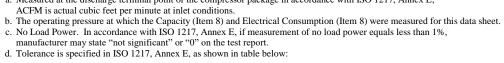


COMPRESSOR DATA SHEET

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 45	Date:	12.06.23
2	X Air-co	oled Water-cooled	Type:	Screw
	X Oil-inj	ected Oil-free	# of Stages:	2
3	Rated Operating P	ressure	100	psig ^b
4	Drive Motor Nomi	inal Rating	60	hp
5	Drive Motor Nomi	inal Efficiency	96,5	percent
6	Fan Motor Nomina	al Rating (if applicable)	n/a	hp
7	Fan Motor Nomina	al Efficiency	n/a	percent
	Inp	out Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ⁶
	53,0	Max	x 327,0	16,21
0*	44,6		277,6	16,08
8*	36,7		231,3	15,88
	29,1		181,5	16,01
	22,1		129,6	17,06
	15,5	Min	n 81,6	18,98
9*	Total Package Inp	ut Power at Zero Flow ^{c, d}	6,4	kW
10	Isentropic Efficien	су	82,0	Percent
11	Specific Power (kW/100 ACFM)		200 300	
		Note: Graph is only a visual Note: Y-Axis Scale, 10 to 35, + 5k	ncity (ACFM) representation of the data in Section W/100acfm increments if necessary ab 25% over maximum capacity	

tor р Consult CAGI website for a list of participants in the third party verification program: 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; NOTES:







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

Member

	Volume Flow Rate			Specific Energy				
	at specified 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 was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data.								