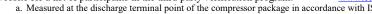
COMPRESSOR DATA SHEET

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

MODEL DATA - FOR COMPRESSED AIR								
1	Manufacturer: Hertz Kompressoren							
2	Model Number: HVD 7	Date:	05.07.21					
	X Air-cooled Water-cooled	Type:	Screw					
	X Oil-injected Oil-free	# of Stages:	1					
3	Rated Operating Pressure	125	psig ^b					
4	Drive Motor Nominal Rating	10	hp					
5	Drive Motor Nominal Efficiency	90,1	percent					
6	Fan Motor Nominal Rating (if applicable)	0,22	hp					
7	Fan Motor Nominal Efficiency	35,0	percent					
	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d					
	10,7 Max	42,0	25,48					
	9,4	36,0	26,06					
8*	8,2	30,6	26,80					
	6,8	24,4	27,79					
	5,1	17,7	29,12					
	4,2 Min	13,6	30,66					
9*	Total Package Input Power at Zero Flow ^{c, d}	1,4	kW					
10	Isentropic Efficiency	59,0	Percent					
11	Note: Graph is only a visual r Note: Y-Axis Scale, 10 to 35, + 5kW	30,00 25,00 20,00 15,00 10,00 10,00						

*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator site 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:







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

		Volume Flow Rate		Specific Energy	
	at	specified conditions	Volume Flow Rate	Consumption	No Load / Zero Flow Power
	$\underline{m^3 / \min}$	<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	
ROT 031.1	Above 15	Above 529.7	+/- 4	+/- 5	
12/19 Rev 3 This form w	as developed by t	he Compressed Air and Gas Institut	e for the use of its members i	participating in the PVP_CAGI ha	s not independently verified the reported