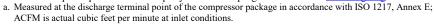


## **COMPRESSOR DATA SHEET**

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						
	Model Number: HVD 11	Date:	05.07.21				
2	X Air-cooled Water-cooled	Type:	Screw				
	X Oil-injected Oil-free	# of Stages:	1				
3	Rated Operating Pressure	100	psig <sup>b</sup>				
4	Drive Motor Nominal Rating	15	hp				
5	Drive Motor Nominal Efficiency	91,2	percent				
6	Fan Motor Nominal Rating (if applicable)	1,06	hp				
7			percent				
	Input Power (kW)	Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>				
l	14,9 Max	66,0	22,58				
0.*	13,2	57,6	22,92				
8*	10,8	47,3	22,73				
l	8,4	35,4	23,59				
l	6,1	24,5	24,90				
<u> </u>	3,6 Min	13,4	26,83				
9*	Total Package Input Power at Zero Flow <sup>c, d</sup>	1,2	kW				
10	Isentropic Efficiency	58,9	Percent				
11		50,0 ity (ACFM) presentation of the data in Section					

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

X-Axis Scale, 0 to 25% over maximum capacity

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
m <sup>3</sup> / 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	
Above 15	Above 529.7	+/- 4	+/- 5	

ROT 031.1 2/19 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.