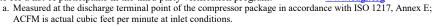


COMPRESSOR DATA SHEET

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 55	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	75	hp					
5	Drive Motor Nominal Efficiency	94,6	percent					
6	Fan Motor Nominal Rating (if applicable)	1,7	hp					
7	Fan Motor Nominal Efficiency	73,1	percent					
	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d					
	70,9 Max	333,7	21,26					
0*	61,6	285,5	21,58					
8*	52,0	237,8	21,87					
	39,2	177,9	22,03					
	31,5	140,5	22,42					
	19,8 Min	84,0	23,55					
9*	Total Package Input Power at Zero Flow ^{c, d}	6,7	kW					
10	Isentropic Efficiency	70,7	Percent					
11	35,00 30,00 25,00 15,00 15,00 0,0 25,0 50,0 75,0 100,0 125,0 150,0 175,0 200,0 225,0 275,0 300,0 325,0 350,0 375,0 Capacity (ACFM) Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary above 35							

*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:

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 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	
Above 15	Above 529.7	+/- 4	+/- 5	

ROT 031.1 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