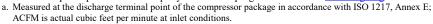


COMPRESSOR DATA SHEET

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	100	$psig^b$				
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 M	ax 351,4	20,18				
0*	60,7	294,2	20,62				
8*	51,0	239,4	21,30				
	37,9	171,6	22,09				
	29,2	130,0	22,46				
	20,8 N	in 91,8	22,66				
9*	Total Package Input Power at Zero Flow ^{c, d}	7,1	kW				
10	Isentropic Efficiency	65,9	Percent				
11	C Note: Graph is only a vist Note: Y-Axis Scale, 10 to 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:



- 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

NOTES:

Volume Flow Rate			Specific Energy	
at specified conditions		Volume Flow Rate	Consumption	No Load / Zero Flow Power
m³/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