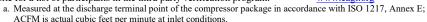


COMPRESSOR DATA SHEET

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

	MODEL DATA - FOR C					
1	Manufacturer: Hertz Kompressor	en				
	Model Number: HVD 185	Date:	05.07.21			
2	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	250	hp			
5	Drive Motor Nominal Efficiency	96,2	percent			
6	Fan Motor Nominal Rating (if applicable)	7,64	hp			
7	Fan Motor Nominal Efficiency	55,7	percent			
	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d			
	236,3 M	ax 1179,5	20,03			
0*	210,9	1041,3	20,25			
8*	184,8	905,8	20,40			
	149,0	720,5	20,68			
	125,7	586,9	21,42			
	102,8 N	in 450,2	22,83			
9*	Total Package Input Power at Zero Flow ^{c, d}	35,0	kW			
10	Isentropic Efficiency 75,0		Percent			
11	35,00					
	30,00					
	25,00 C (W) 20,00 (W) 20,0					
	20,00 (K X)					
	15,00					
	10,00 100 200 300 400 50	0 600 700 800 900	1000 1100 1200			
	Capacity (ACFM)					
	Note: Graph is only a visual repre Note: Y-Axis Scale, 10 to 35, + 5kW/100 X-Axis Scale, 0 to 25% o	acfm 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: www.cagi.org



- ACFM is actual cubic feet per minute at inlet conditions.

 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	

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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