

COMPRESSOR DATA SHEET

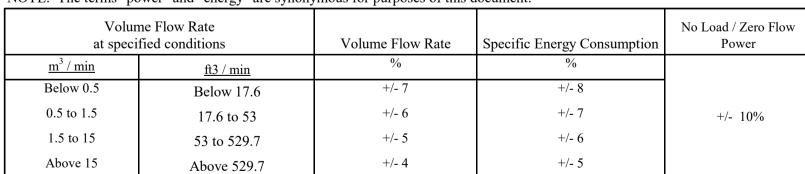
In Accordance with Federal Uniform Test Method for Certain Lubricated Air Compressors
Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR						
1	Manufacturer: Hertz Kompressoren					
	Model Number: IMPETUS 55	Date:	12.02.25			
2	X Air-cooled Water-cooled	Туре:	Screw			
	X Oil-injected Oil-free	# of Stages:	2			
	Rated Capacity at Full Load Operating					
3*	Pressure a, e	376,7	acfm ^{a,e}			
4	Full Load Operating Pressure b	125	psig b			
5	Maximum Full Flow Operating Pressure ^c	125	psig			
6	Drive Motor Nominal Rating	75	hp			
7	Drive Motor Nominal Efficiency	95,7	percent			
8	Fan Motor Nominal Rating (if applicable)	N/A	hp			
9	Fan Motor Nominal Efficiency	N/A	percent			
10*	Total Package Input Power at Zero Flow ^e	25,4	kW ^e			
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	70,6	kW^d			
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure	18,74	kW/100 cfm ^e			
13	Isentropic Efficiency	80,2	Percent			

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.





Member

ROT 030.1

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.

^{*}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