COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Atlas Copco		
2	Model Number: ZR 90 VSD-8.6	Date:	01-05-2021
	☐ Air-cooled ✓ Water-cooled	Туре:	Screw
	☐ Lubricated ☑ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)	124.0	psig*(b)
4	Drive Motor Nominal Rating	120.7	hp
5	Drive Motor Nomnial Efficiency	93.5	percent
6	Fan Motor Nominal Rating (if applicable)		hp
7	Fan Motor Nominal Efficiency		percent
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	114.4 Max	510.5	22.4
	94.2	422.1	22.3
	75.9	333.8	22.7
	59.2	245.4	24.1
	43.6 Min	157.1	27.8
9*	Total Package Input Power at Zero Flow*(c,d)	10.2	kW
10	Specific Power (kW/100ACFM) 120 100 200 Cat	300 400 Dacity (ACFM)	500 600

*For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator

Consult CAGI website for a list of participants in the third party verification program:

www.cagi.org

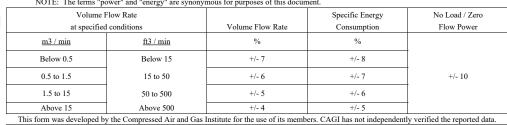
Notes:

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- Measured at the discharge terminal point of the compressor package in accordance with
- ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.
- The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.
- 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.
- 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



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