COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

	MC	DDEL DATA - FOR CO	MPRESSED AIR	
1	Manufacturer:	Atlas Copco		
2	Model Number: ZR 250 VSD-10.4		Date:	01-06-2024
	☐ Air-cooled ✓ Water-cooled		Туре:	Screw
	Lubricated	✓ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)		150.0	psig*(b)
4	Drive Motor Nominal Rating		335.3	hp
5	Drive Motor Nominal Efficiency		95.2	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)
	261.0 Max		1,258.3	20.7
	231.7		1,112.2	20.8
	204.1		966.1	21.1
	177.8		819.9	21.7
	152.6 Min		673.8	22.7
9*	Total Package Input Power at Zero Flow*(c,d)		24.1	kW
10	Specific Power (kW/100ACFM) 10 0	200 400 600 800 1000 1200 1400 Capacity (ACFM)		

*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:

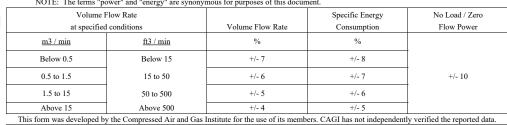
www.cagi.org

Notes: Member

Compressed Air & Gas Institute

- 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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