COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR CO	MPRESSED AIR	
Manufacturer: Atlas Copco		
Model Number: ZR 160 VSD+-13	Date:	01-06-2024
☐ Air-cooled ✓ Water-cooled	Type:	Screw
☐ Lubricated ☑ Oil-free	# of Stages:	2
Full Load Operating Pressure*(b)	188.5	psig*(b)
Drive Motor Nominal Rating	107.3 & 107.3	hp
Drive Motor Nominal Efficiency	97.0 & 97.0	percent
Fan Motor Nominal Rating (if applicable)		hp
Fan Motor Nominal Efficiency		percent
Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
170.8 Max	755.9	22.6
138.1	607.0	22.8
108.8	458.1	23.8
80.4	309.1	26.0
50.7 Min	160.2	31.7
Total Package Input Power at Zero Flow*(c,d)	0.0	kW
	atity (ACFM)	800
	Manufacturer: Atlas Copco Model Number: ZR 160 VSD+-13 Air-cooled Water-cooled Lubricated Oil-free Full Load Operating Pressure*(b) Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Efficiency Input Power (kW) 170.8 Max 138.1 108.8 80.4 50.7 Min Total Package Input Power at Zero Flow*(c,d)	Model Number: ZR 160 VSD+-13 Date: ☐ Air-cooled ☑ Water-cooled Type: ☐ Lubricated ☑ Oil-free # of Stages: Full Load Operating Pressure*(b) 188.5 Drive Motor Nominal Rating 107.3 & 107.3 Drive Motor Nominal Efficiency 97.0 & 97.0 Fan Motor Nominal Efficiency Input Power (kW) Capacity (acfm) *(a,d) 170.8 Max 755.9 138.1 607.0 108.8 458.1 80.4 309.1 50.7 Min 160.2 Total Package Input Power at Zero Flow*(c,d) 0.0

*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

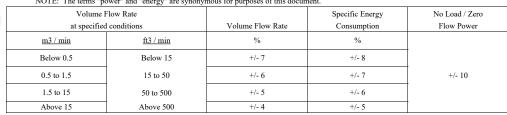
Notes:

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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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This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data.