COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR		
Manufacturer: Atlas Copco		
Model Number: ZR 110 VSD STD-10	Date:	01-06-2024
☐ Air-cooled ✓ Water-cooled	Type:	Screw
☐ Lubricated ☑ Oil-free	# of Stages:	2
Full Load Operating Pressure*(b)	150.0	psig*(b)
Drive Motor Nominal Rating	147.5	hp
Drive Motor Nominal Efficiency	95.2	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)
125.3 Ma	x 587.8	21.3
116.2	542.6	21.4
107.2	497.3	21.6
98.4	452.1	21.8
89.7 Mi	n 406.9	22.0
Total Package Input Power at Zero Flow*(c,c) 13.0	kW
Specific Power (kW/100ACFM) 10 100 200	300 400 500	600 700
	Manufacturer: Atlas Copco Model Number: ZR 110 VSD STD-10 Air-cooled	Manufacturer: Atlas Copco Model Number: ZR 110 VSD STD-10.4 Date: □ Air-cooled □ Water-cooled Type: □ Lubricated □ Oil-free # of Stages: Full Load Operating Pressure*(b) 150.0 Drive Motor Nominal Rating 147.5 Drive Motor Nominal Efficiency 95.2 Fan Motor Nominal Rating (if applicable) Fan Motor Nominal Efficiency Input Power (kW) Capacity (acfm) *(a,d) 125.3 Max 587.8 116.2 542.6 107.2 497.3 98.4 452.1 89.7 Min 406.9 Total Package Input Power at Zero Flow*(c,d) 13.0

*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

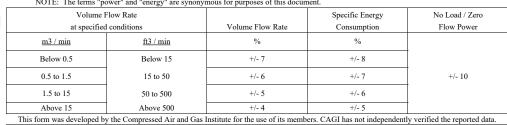
Notes:

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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