

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: GA250Hybrid-10.4	Date:	04-20-2023
	<input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled	Type:	Screw
	<input checked="" type="checkbox"/> Lubricated <input type="checkbox"/> Oil-free	# of Stages:	1
3	Full Load Operating Pressure*(b)	150.0	psig*(b)
4	Drive Motor Nominal Rating	214.6 & 147.5	hp
5	Drive Motor Nominal Efficiency	96.3 & 95.4	percent
6	Fan Motor Nominal Rating (if applicable)	4.0 & 4.0 & 4.0	hp
7	Fan Motor Nominal Efficiency	83.0 & 83.0 & 83.0	percent
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	312.9 Max	1,584.5	19.7
	244.5	1,238.2	19.7
	175.7	891.9	19.7
	109.2	545.6	20.0
	47.4 Min	199.3	23.8
9*	Total Package Input Power at Zero Flow*(c,d)	22.7	kW
10			

*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:

- 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.

Member



Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
m ³ / min	ft ³ / min	%	%	
Below 0.5	Below 15	+/- 7	+/- 8	+/- 10
0.5 to 1.5	15 to 50	+/- 6	+/- 7	
1.5 to 15	50 to 500	+/- 5	+/- 6	

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Above 15	Above 500	+/- 4	+/- 5	
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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.