

COMPRESSOR DATA SHEET

In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: Atlas Copco														
2	Model Number: GA 200 VSD W-13.8 FF	Date: 07-23-2020													
	<input type="checkbox"/> Air-cooled <input checked="" type="checkbox"/> Water-cooled	Type: Screw													
	# of Stages: 1														
3*	Full Load Operating Pressure*(b)	185.0	psig*(b)												
4	Drive Motor Nominal Rating	268.2	hp												
5	Drive Motor Nominal Efficiency	95.3	percent												
6	Fan Motor Nominal Rating (if applicable)	0.5	hp												
7	Fan Motor Nominal Efficiency	30.0	percent												
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)												
	Max	1,075.6	24.2												
		853.6	24.2												
		631.6	25.1												
		409.6	28.0												
	Min	187.6	38.7												
9*	Total Package Input Power at Zero Flow*(c,d)	0.0	kW												
10	Isentropic Efficiency	73.3	%												
11	<table border="1"> <caption>Graph Data Points</caption> <thead> <tr> <th>Capacity (ACFM)</th> <th>Specific Power (kW/100ACFM)</th> </tr> </thead> <tbody> <tr> <td>187.6</td> <td>38.7</td> </tr> <tr> <td>409.6</td> <td>28.0</td> </tr> <tr> <td>631.6</td> <td>25.1</td> </tr> <tr> <td>853.6</td> <td>24.2</td> </tr> <tr> <td>1075.6</td> <td>24.2</td> </tr> </tbody> </table>			Capacity (ACFM)	Specific Power (kW/100ACFM)	187.6	38.7	409.6	28.0	631.6	25.1	853.6	24.2	1075.6	24.2
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*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.



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	
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.