

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 132 VSD W-8.6	Date:	06-29-2020												
	<input type="checkbox"/> Air-cooled <input checked="" type="checkbox"/> Water-cooled	Type:	Screw												
		# of Stages:	1												
3*	Full Load Operating Pressure*(b)	125.0	psig*(b)												
4	Drive Motor Nominal Rating	177.0	hp												
5	Drive Motor Nominal Efficiency	96.2	percent												
6	Fan Motor Nominal Rating (if applicable)	0.5	hp												
7	Fan Motor Nominal Efficiency	31.0	percent												
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)												
	153.1 Max	883.4	17.3												
	122.8	713.6	17.2												
	93.5	543.9	17.2												
	65.4	374.2	17.5												
	38.4 Min	204.5	18.8												
9*	Total Package Input Power at Zero Flow*(c,d)	0.0	kW												
10	Isentropic Efficiency	86.7	%												
11	<table border="1"> <caption>Data for Specific Power vs Capacity Graph</caption> <thead> <tr> <th>Capacity (ACFM)</th> <th>Specific Power (kW/100ACFM)</th> </tr> </thead> <tbody> <tr> <td>200</td> <td>19.5</td> </tr> <tr> <td>375</td> <td>17.8</td> </tr> <tr> <td>544</td> <td>17.5</td> </tr> <tr> <td>714</td> <td>17.5</td> </tr> <tr> <td>883</td> <td>17.5</td> </tr> </tbody> </table>			Capacity (ACFM)	Specific Power (kW/100ACFM)	200	19.5	375	17.8	544	17.5	714	17.5	883	17.5
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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	