COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Fixed Speed

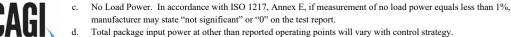
MODEL DATA - FOR COMPRESSED AIR						
1	Manufacturer: Atlas Copco					
	Model Number: GA 450 W-6.9	Date:	07-06-2020			
2	☐Air-cooled ✓ Water-cooled	Type:	Screw			
	✓ Oil-injected Oil-free	# of Stages:	1			
3*	Rated Capacity at Full Load Operating Pressure*(a,e)	2,823.4	(acfm) *(a,e)			
4	Full Load Operating Pressure*(b)	105.0	psig*(b)			
5	Maximum Full Flow Operating Pressure*(c)	107.3	psig*(c)			
6	Drive Motor Nominal Rating	590.0	hp			
7	Drive Motor Nominal Efficiency	96.0	percent			
8	Fan Motor Nominal Rating (if applicable)		hp			
9	Fan Motor Nominal Efficiency		percent			
10*	Total Package Input Power at Zero Flow*(e)	113.5	kW*(e)			
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure*(d)	468.1	kW*(d)			
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure*(e)	16.6	kW/100 cfm*(e)			

*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

- Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- Member
- The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.



- 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 1	Flow Rate		Specific Energy	No Load / Zero
at specified conditions		Volume Flow Rate	Consumption	Flow Power
<u>m3 / min</u>	<u>ft3 / min</u>	%	%	
Below 0.5	Below 15	+/- 7	+/- 8	
0.5 to 1.5	15 to 50	+/- 6	+/- 7	+/- 10
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.