COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Fixed Speed

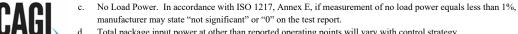
MODEL DATA - FOR COMPRESSED AIR						
1	Manufacturer: Atlas Copco					
	Model Number: GA 400-8.6	Date:	07-06-2020			
2	✓ Air-cooled	Туре:	Screw			
	✓ Oil-injected Oil-free	# of Stages:	1			
3*	Rated Capacity at Full Load Operating Pressure*(a,e)	2,203.5	(acfm) *(a,e)			
4	Full Load Operating Pressure*(b)	125.0	psig*(b)			
5	Maximum Full Flow Operating Pressure*(c)	132.0	psig*(c)			
6	Drive Motor Nominal Rating	496.2	hp			
7	Drive Motor Nominal Efficiency	96.2	percent			
8	Fan Motor Nominal Rating (if applicable)	30.0	hp			
9	Fan Motor Nominal Efficiency	86.7	percent			
10*	Total Package Input Power at Zero Flow*(e)	111.7	kW*(e)			
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure*(d)	406.2	kW*(d)			
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure*(e)	18.4	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.



- Total package input power at other than reported operating points will vary with control strategy.
- 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

THE CHIEF POWER and CHEIGH are Synonymous for purposes of this document.							
Volume I	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				

ROT 030.2

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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.