

COMPRESSOR DATA SHEET

Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR					
Manufacturer: Atlas Copco					
Model Number: GA30-125 AP	Date:	4/16/2019			
X Air-cooled Water-cooled	Type:	Screw			
X Oil-injected Oil-free	# of Stages:	1			
Rated Capacity at Full Load Operating					
Pressure ^{a, e}	187.4	acfm ^{a,e}			
Full Load Operating Pressure b	125	psig ^b			
Maximum Full Flow Operating Pressure ^c	132	psig ^c			
Drive Motor Nominal Rating	40	hp			
Drive Motor Nominal Efficiency	92.4	percent			
Fan Motor Nominal Rating (if applicable)	0.96	hp			
Fan Motor Nominal Efficiency	74.0	percent			
Total Package Input Power at Zero Flow ^e	8.5	kW ^e			
Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	37.5	kW^d			
Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e	20.0	kW/100 cfm ^e			
	Manufacturer: Atlas Copco Model Number: GA30-125 AP X Air-cooled Water-cooled X Oil-injected Oil-free Rated Capacity at Full Load Operating Pressure a, e Oil-free Full Load Operating Pressure b Maximum Full Flow Operating Pressure c Oilorive Motor Nominal Rating Drive Motor Nominal Rating (if applicable) Fan Motor Nominal Efficiency Fan Motor Nominal Efficiency Fan Motor Nominal Efficiency Total Package Input Power at Zero Flow e Total Package Input Power at Rated Capacity and Full Load Operating Pressure d	Manufacturer: Atlas Copco Model Number: GA30-125 AP Date: X Air-cooled Water-cooled Type: X Oil-injected Oil-free # of Stages: Rated Capacity at Full Load Operating Pressure ^{a, e} 187.4 Full Load Operating Pressure ^b 125 Maximum Full Flow Operating Pressure ^c 132 Drive Motor Nominal Rating 40 Drive Motor Nominal Efficiency 92.4 Fan Motor Nominal Efficiency 74.0 Total Package Input Power at Zero Flow ^e 8.5 Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d 37.5			

*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator. Consult CAGI website for a list of participants in the third party verification program: www.cagi.org

NOTES:



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ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions. b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.

c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.d. Total package input power at other than reported operating points will vary with control strategy.

a. Measured at the discharge terminal point of the compressor package in accordance with

e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:

	e Flow Rate ed conditions	Volume Flow Rate	Specific Energy Consumption	No Load / Zero 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	

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. 10/11 R8