

COMPRESSOR DATA SHEET

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

Rotary Compressor: Fixed Speed			
MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Atlas Copco		
	Model Number: G2-116TM	Date:	2/10/2023
2	X Air-cooled 0 Water-cooled	Type:	Screw
		# of Stages:	1
3*	Rated Capacity at Full Load Operating Pressure	a, e 13.1	acfm ^{a,e}
4	Full Load Operating Pressure ^b	109	psig ^b
5	Maximum Full Flow Operating Pressure ^c	116	psig ^c
6	Drive Motor Nominal Rating	3	hp
7	Drive Motor Nominal Efficiency	86.5	percent
8	Fan Motor Nominal Rating (if applicable)	n/a	hp
9	Fan Motor Nominal Efficiency	n/a	percent
10*	Total Package Input Power at Zero Flow ^e	n/a	kW ^e
11	Total Package Input Power at Rated Capacity an Load Operating Pressure ^d	d Full 3.27	kW^d
12*	Specific Package Input Power at Rated Capacity Full Load Operating Pressure ^e	25.0	kW/100 cfm ^e
13	Isentropic Efficiency	55.85	Percent

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

NOTES:

a. 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.

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.

Specific Energy

Consumption

%

+/- 8

+/- 7

+/- 6

+/- 5

+/- 5

+/- 4

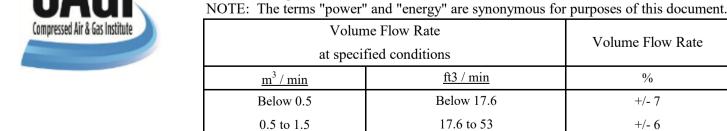
No Load / Zero

Flow Power

+/- 10%

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

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



1.5 to 15

Above 15

ROT 030.1

2/19 Rev 3 This form was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data.

53 to 529.7

Above 529.7

Member