

COMPRESSOR DATA SHEET Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Atlas Copco		
	Model Number: GA18-125 AP	Date:	12/13/2011
2	X Air-cooled Water-cooled	Туре:	Screw
	X Oil-injected Oil-free	# of Stages:	1
	Rated Capacity at Full Load Operating		
3*	Pressure a, e	101.1	acfm ^{a,e}
4	Full Load Operating Pressure ^b	125	psig b
5	Maximum Full Flow Operating Pressure ^c	132	psig c
6	Drive MotorNominal Rating	25	hp
7	Drive Motor Nominal Efficiency	91.0	percent
o	ran wotot nomina rating (ii appheaoie)		пр
9	Fan Motor Nominal Efficiency		percent
10*	Total Package Input Power at Zero Flow	6.0	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	24.9	$k\textbf{W}^{\text{d}}$
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure	24.6	kW/100 cfm ^e

*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:

Member:

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.

+/- 5

+/- 4

+/- 6

+/- 5

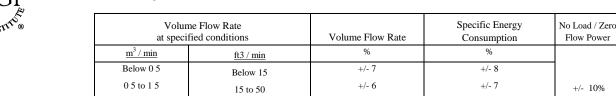
- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:

50 to 500

Above 500

1 5 to 15

Above 15



ROT 030

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