COMPRESSOR DATA SHEET



Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer:	Gardner Denver		
	Model Number:	ETS-300hp-125psi	Date:	2/7/2024
2	X Air-cooled	Water-cooled	Type:	Screw
	X Oil-injected	Oil-free	# of Stages:	2
3*	Rated Capacity at Full Load Operating Pressure a, e		1526.5	acfm ^{a,e}
4	Full Load Operating Pressure b		125	b psig
5	Maximum Full Flow Operating Pressure ^c		132	psig ^c
6	Drive Motor Nominal Rating		300	hp
7	Drive Motor Nominal Efficiency		96.2	percent
8	Fan Motor Nominal Rating (if applicable)		7.5	hp
9	Fan Motor Nominal Efficiency		86.5	percent
10*	Total Package Input Power at Zero Flow		77.90	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d		266.94	kW^d
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure		17.49	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:

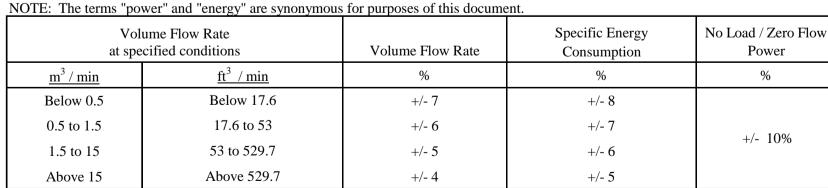
www.cagi.org

NOTES:

- 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.

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

NOTE: The terms "nower" and "energy" are symptomatic for numerous of this does



Member

ROT 030.2

12/19 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.

Configurator: ETS200-300A