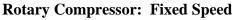
COMPRESSOR DATA SHEET





MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Boge Kompressoren		
	Model Number: S 100-3	Date:	6/1/2013
2	X Air-cooled Water-cooled	Type:	Screw
	X Oil-injected Oil-free	# of Stages:	1
24	Rated Capacity at Full Load Operating Pressure a, e	451.97	c a,e
3*	h		acfm ^{a,e}
4	Full Load Operating Pressure	125	psig b
5	Maximum Full Flow Operating Pressure c	135	psig ^c
6	Drive MotorNominal Rating	101	hp
7	Drive Motor Nominal Efficiency	94.1	percent
8	Fan Motor Nominal Rating (if applicable)	5.4	hp
9	Fan Motor Nominal Efficiency	89.5	percent
10*	Total Package Input Power at Zero Flow ^e	16.8	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	93.0	kW^d
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure	20.57	kW/100 cfm ^e

Consult CAGI website for a list of participants in the third party verification program: www.cagi.org

NOTES:

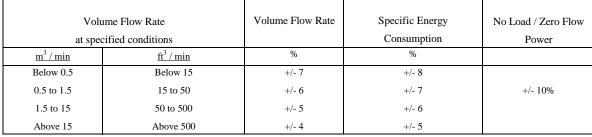
a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.

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- b. The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.
- c. No Load Power. In accordance with ISO 1217, Annex E, if measurement of no load power equals less than 1%, manufacturer may state "not significant" or "0" on the test report.
- d. 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.



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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.

 $^{* \ \} For models \ that \ are \ tested \ in \ the \ CAGI \ Performance \ Verification \ Program, these \ items \ are \ verified \ by \ program \ administrator$