COMPRESSOR DATA SHEET



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

Rotary Compressor: Variable Displacement

rive Motor Nor rive Motor Nor an Motor Nomi an Motor Nomi Input Power 92.7 79.2	er: SAVG2-100hp-125psi cooled Water-cooled cicated Oil Free erating Pressure Nominal Rating Nominal Efficiency ominal Rating (if applicable) ominal Efficiency wer (kW)	125 100 95.4 3 82.5 Capacity (acfm) ^{a,d}	_	01/04/21 Screw 1 psig b hp percent hp percent
X Air-coo X Lubrica Ill Load Operatorive Motor Non In Motor Nomi Input Power 92.7 79.2	water-cooled Cooled	125 100 95.4 3 82.5	Type: # of Stages:	Screw 1 psig b hp percent hp percent
Lubrica Ill Load Operative Motor Nor In Motor Nomi In Motor Nomi Input Power 92.7 79.2	ricated Oil Free erating Pressure Nominal Rating Nominal Efficiency ominal Rating (if applicable) ominal Efficiency wer (kW)	125 100 95.4 3 82.5	# of Stages:	psig b hp percent hp percent
rive Motor Non In Motor Nomi Input Power 92.7 79.2	Pressure bound Nominal Rating Nominal Efficiency Ominal Rating (if applicable) Ominal Efficiency Ower (kW)	125 100 95.4 3 82.5	Speci	psig ^b hp percent hp percent
rive Motor Nor rive Motor Nor an Motor Nomi an Motor Nomi Input Power 92.7 79.2	Nominal Rating Nominal Efficiency ominal Rating (if applicable) ominal Efficiency wer (kW)	100 95.4 3 82.5	_	hp percent hp percent
rive Motor Noni an Motor Nomi an Motor Nomi Input Power 92.7 79.2	Nominal Efficiency ominal Rating (if applicable) ominal Efficiency wer (kW)	95.4 3 82.5	_	percent hp percent
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Input Power 92.7 79.2	ominal Efficiency wer (kW)	82.5	_	percent
92.7 79.2	wer (kW)	† †	_	
92.7 79.2		Capacity (acfm) ^{a,d}	_	fic Dovice
79.2	_	-	Specific Power (kW/100 acfm) ^d	
	.7	467	19.85	
65 1	.2	382	20.73	•
65.1		282	23.09	
59.6		238	25.04	
58.7		189	31.06)
Total Package Input Power at Zero Flow c, d		22.0	kW	
-	Ficiency at Full Flow Rated Full Load Operating Pressure	75.7		%
Specific Power (kW/100 ACFM)	35.00 30.00 25.00 20.00 15.00 10.00 0 50 100 150		ection 8	0 500
	Specific Power	15.00	15.00 10.00 50 100 150 200 250 300 Capacity (ACFM) Note: Graph is only a visual representation of the data in Se	15.00 10.00 0 50 100 150 200 250 300 350 400 450

*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



- 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.
- b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) 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.

Member

Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
$\underline{\mathbf{m}}^3 / \underline{\mathbf{min}}$	ft ³ / min	%	%	%
Below 0.5	Below 17.6	+/- 7	+/- 8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
1.5 to 15	53 to 529.7	+/- 5	+/- 6	
Above 15	Above 529.7	+/- 4	+/- 5	

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6/20. Rev2 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: SAV75-100G2B