COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

	MODEL DATA - FOR			
1	Manufacturer: Atlas Copco			
	Model Number: ZR 132VSD+ -150		Date:	12-14-2018
2	Air-cooled x Water-cooled		Type:	Screw
	Oil-injected x Oil-free		# of Stages:	2
3	Rated Operating Pressure	sure 150		psig ^b
4	Drive Motor Nominal Rating		2 x 87	hp
5	Drive Motor Nominal Efficiency		97.0	percent
6	Fan Motor Nominal Rating (if applicable)		-	hp
7	Fan Motor Nominal Efficiency		-	percent
	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	143.2	Max	698	20.5
0.*	117.5		571	20.6
8*	93.5		444	21.1
	71.0		316	22.5
	49.2	Min	189	26.0
9*				
9"	Total Package Input Power at Zero Flow ^{c, d}			kW
	40.0			
	35.0			
	30.0 - 30.0 - 30.0			
	30.0 (kW/100 ACEM) 25.0 25.0			
10				
	20.0			
	15.0			
	10.0		440 490 540 590	640 690 740
	Note: Graph is only a visua Note: Y-Axis Scale, 10 to 35, + 5	kW/100ac	tation of the data in Section 8	35

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

NOTES:

Above 15

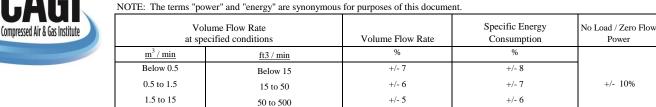
a. Measured at the discharge terminal point of the compressor package in accordance with

- ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions. b. The operating pressure at which the Capacity 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.

Power

+/- 10%

d. Tolerance is specified in ISO 1217, Annex E, as shown in table below:



ROT 031

Above 500 10/11 R7 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.