COMPRESSOR DATA SHEET

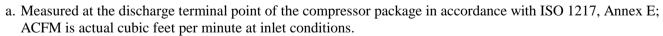
Rotary Compressor: Variable Displacement

MODEL DATA - FOR COMPRESSED AIR								
1	Manufacturer:	Chicago Pneumatic						
2	Model Number:	CPVSd 10		Date:	02/15/16			
	x Air-coole	ed Water-cooled	Water-cooled		Screw			
	x Oil-injected Oil-free		# of Stages:	1				
3	Rated Operating l	ated Operating Pressure		175	$psig^b$			
4	Drive Motor Nominal Rating			10	hp			
5	Drive Motor Nominal Efficiency			91.0	percent			
6	Fan Motor Nominal Rating (if applicable)			N/A	hp			
7	Fan Motor Nomir	Fan Motor Nominal Efficiency			percent			
	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	9.2 Max		29.3	30.50				
8*	9.2			29.2	30.40			
	8.6		27.5	30.30				
	8.0		25.7	30.10				
	5.7 Min		14.3	38.20				
9*	Total Package Inp	out Power at Zero Flow ^{c, d}		0.0	kW			
10	Specific Power (kW/100 ACFM)	40.00 35.00 25.00 20.00 15.00 10.00 0.0 25.050.075.0100.025.050.075.000.025.050 Capa Note: Graph is only a visual Note: Y-Axis Scale, 10 to 35, + 5k' X-Axis Scale, 0 to 25	ncity (ACFM) representation of W/100acfm increr	f the data in Section 8 nents if necessary above 35	0.675.6600.625.650.0			

*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:



- 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.

Member

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Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
m ³ / min	<u>ft3 / min</u>	%	%	
Below 0.5	Below 15	+/- 7	+/- 8	
0.5 to 1.5	15 to 50	+/- 6	+/- 7	+/- 10%
1.5 to 15	50 to 500	+/- 5	+/- 6	
Above 15	Above 500	+/- 4	+/- 5	

ROT 032

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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.