COMPRESSOR DATA SHEET

Rotary Compressor: Variable Displacement

MODEL DATA - FOR COMPRESSED AIR						
1	Manufacturer: Quincy Compressor					
2	Model Number: QSI-370 Power\$ync Option	Date:	06/01/16			
	x Air-cooled Water-cooled	Туре:	Screw			
	x Oil-injected Oil-free	# of Stages:	1			
3	Rated Operating Pressure	100	psig ^b			
4	Drive Motor Nominal Rating	75	hp			
5	Drive Motor Nominal Efficiency	94.1	percent			
6	Fan Motor Nominal Rating (if applicable)	1.5	hp			
7	Fan Motor Nominal Efficiency	76	percent			
8*	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d			
	63.8 Ma	x 365	17.48			
	57.4	319	17.99			
	51.5	274	18.81			
	46.3	228	20.30			
	42.9 Mi	n 183	23.48			
9*	Total Package Input Power at Zero Flow ^{c, d}	19.1	kW			
10	25.00 20.00 150 150 150 150 150 150 150	rements if necessary above 35	350 375			

*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 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.
- 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

1				
Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
m ³ / min	ft3 / min	%	%	
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	

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