

COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

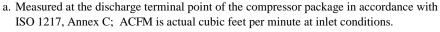
MODEL DATA - FOR COMPRESSED AIR						
1	Manufacturer: Ingersoll Rand					
	Model Number: RS375ie-W200	Date:	March 2020			
2	Air-cooled X Water-cooled	Туре:	Screw			
	X Oil-injected Oil-free	# of Stages:	2			
3*	Rated Capacity at Full Load Operating Pressure a, e	1953	acfm ^{a, e}			
4	Full Load Operating Pressure ^b	190	psig ^b			
5	Maximum Full Flow Operating Pressure ^c	200	psig ^c			
6	Drive Motor Nominal Rating	500	hp			
7	Drive Motor Nominal Efficiency	96.2%	percent			
8	Fan Motor Nominal Rating (if applicable)	1.2	hp			
9	Fan Motor Nominal Efficiency	88.0%	percent			
10*	Total Package Input Power at Zero Flow ^e	91.7	kW ^e			
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	404.2	kW^d			
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e	20.7	kW/100 cfm ^e			

^{*} For models that are tested in the CAGI Performance Verification Program, these are the items verified by the third party program 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 (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- $d. \ Total \ package \ input \ power \ at \ other \ than \ reported \ operating \ points \ will \ vary \ with \ control \ strategy.$
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below.

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

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



Member

ROT 030.2

12/19 Rev3

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.

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