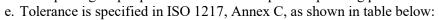


ROT 030

COMPRESSOR DATA SHEET

Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR						
1	Manufacturer: Chicago Pneumatic					
	Model Number: QRS 25	Date:	Jan-19			
2	x Air-cooled Water-cooled	Туре:	Screw			
	x Oil-injected Oil-free	# of Stages:	1			
	Rated Capacity at Full Load Operating					
3*	Pressure ^{a, e}	109.8	acfm ^{a,e}			
4	Full Load Operating Pressure ^b	100	psig ^b			
5	Maximum Full Flow Operating Pressure ^c	107	psig ^c			
6	Drive Motor Nominal Rating	25	hp			
7	Drive Motor Nominal Efficiency	91.0	percent			
8	Fan Motor Nominal Rating (if applicable)	N/A	hp			
9	Fan Motor Nominal Efficiency	N/A	percent			
10*	Total Package Input Power at Zero Flow ^e	5.5	kW ^e			
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	21.9	kW^d			
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e	19.9	kW/100 cfm ^e			
For mode	els that are tested in the CAGI Performance Verification Pi	rogram these items are ver	ified by the third party administra			
	CAGI website for a list of participants in the third party veri	-	www.cagi.org			
NOTES: Iember	ISO 1217, Annex C; ACFM is actual cubic feet per n b. The operating pressure at which the Capacity (Item 3 for this data sheet.	ninute at inlet conditions.) and Electrical Consumption	(Item 11) were measured			
G	 c. Maximum pressure attainable at full flow, usually the maximum pressure attainable before capacity control d. Total package input power at other than reported oper e. Tolerance is specified in ISO 1217, Annex C, as show 	begins. May require addition rating points will vary with co	nal power.			



		ne Flow Rate fied conditions	Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
	$\underline{m^3} / \underline{min}$	<u>ft3 / min</u>	0⁄0	0⁄0	
	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	
OT 030	Above 15	Above 500	+/- 4	+/- 5	

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. 10/11 R8