COMPRESSOR DATA SHEET Rotary Screw Compressor

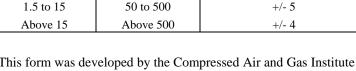
MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer: Sullair Corp			
2	Model Number: 2212 X Air-cooled Water-cooled	# of Stages: 1		
	X Oil-injected Oil-free	VALUE	UNIT	
3	Rated Capacity at Full Load Operating Pressure a, f	104	acfm ^{a,f}	
4	Full Load Operating Pressure ^b	175	psig ^b	
5	Maximum Full Flow Operating Pressure ^c	175	psig ^c	
6	Drive Motor Nameplate Rating	30	hp	
7	Drive Motor Nameplate Nominal Efficiency	92.4	percent	
8	Fan Motor Nameplate Rating (if applicable)	1	hp	
9	Fan Motor Nameplate Nominal Efficiency	82.5	percent	
10	Total Package Input Power at Zero Flow ^e	8.3	kW ^e	
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure	27.8	kW ^d	
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	26.73	kW/100 cfm ^g	

NOTES:

- Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet. b.
- 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.
- Total package input power at other than reported operating points will vary with control strategy.
- Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217)
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

	Volume Flow Rate at specified conditions		Volume Flow Rate	
Member	m ³ / min	ft ³ / min	%	
OMPRESSED	Below 0.5	Below 15	+/- 7	
ČAČI	0.5 to 1.5	15 to 50	+/- 6	
ČAGĽ	1.5 to 15	50 to 500	+/- 5	
W CAS INSTITUTE.	Above 15	Above 500	+/- 4	

Volume Flow Rate



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.

Specific Energy Consumption^g

% +/- 8 +/- 7 +/- 6 +/- 5