



MODEL D	
1	Manufacturer: Kais
2	Model Number: KRC ☒ Air-cooled ☐ ☐ Oil-injected ☒
3*	Rated Capacity at Full Load O a, e
4	Full Load Operating Pressure ^b
5	Maximum Full Flow Operating
6	Drive Motor Nominal Rating
7	Drive Motor Nominal Efficiency
8	Fan Motor Nominal Rating (if
9	Fan Motor Nominal Efficiency
10*	Total Package Input Power at 2
11	Total Package Input Power at 1 and Full Load Operating Press
12*	Specific Package Input Power a and Full Load Operating Press

13

Isentropic Efficiency

*For models that are tested in the CAGI Performance Test Facility
Consult CAGI website for a list of participants

NOTES:

- Measured at the discharge temperature per ISO 1217, Annex C; ACFM is at standard conditions
- The operating pressure at which the test was conducted for this data sheet.
- Maximum pressure attainable at the test conditions
- Total package input power at the test conditions
- Tolerance is specified in ISO 1217

NOTE: The terms "power" and "efficiency" are defined in ISO 1217



Member

ROT 030.2

Volume Flow Rate at specified conditions	
m^3 / min	
Below 0.5	
0.5 to 1.5	
1.5 to 15	
Above 15	

COMPRESSOR DATA SHEET

Method for Certain Air Compressors Not Applicable

Compressor: Fixed Speed

DATA - FOR COMPRESSED AIR

Compressor USA

Model: JF-125-100

Date:

Water-cooled

Type:

Oil-free

of Stages:

Operating Pressure

514.5

PSI

100

Design Pressure^c

105

125

Efficiency

95.4

(if applicable)

3.5 & 3.5

71.6

Zero Flow^e

27.6

Rated Capacity
at Pressure^d

105.70

at Rated Capacity
at Pressure^e

20.54

	64.69
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performance Verification Program, these items are verified in the third party verification program:

nominal point of the compressor package in accordance with actual cubic feet per minute at inlet conditions. Item 2: Capacity (Item 3) and Electrical Consumption (Item 4)

at full flow, usually the unload pressure setting for load before capacity control begins. May require additional operating points other than reported operating points will vary with conditions. Annex C, as shown in table below:

and "energy" are synonymous for purposes of this document.

Flow Rate Conditions	Volume Flow Rate
ft^3 / min	%
Below 17.6	+/- 7
17.6 to 53	+/- 6
53 to 529.7	+/- 5
Above 529.7	+/- 4

Institute for the use of its members participating in the PVP.

licable

5/30/2025
Screw
2
acfm ^{a,e}
psig ^b
psig ^c
hp
percent
hp
percent
kW ^e
kW ^d
kW/100 cfm ^e

Percent

fied by the third party administrator.

www.cagi.org

ith

tem 11) were measured

d/no load control or the
power.
ontrol strategy.

ient.

Specific Energy Consumption	No Load / Zero Flow Power
%	%
+/- 8	+/- 10%
+/- 7	
+/- 6	
+/- 5	

CAGI has not independently verified the reported data.