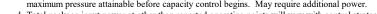


## **COMPRESSOR DATA SHEET**

## In Accordance with Federal Uniform Test Method for Certain Lubricated Air Compressors

**Rotary Compressor: Fixed Speed** 

<ul> <li>Full Load Operatin</li> <li>Maximum Full Flo</li> <li>Drive Motor Nomi</li> <li>Drive Motor Nomi</li> </ul>	Full Load Operating Pressure <sup>a, e</sup>	Date:	8/1/2023           Screw           1           acfm <sup>a,e</sup> psig <sup>b</sup> psig <sup>c</sup>
3*     Rated Capacity at       4*     Full Load Operatin       5     Maximum Full Flor       6     Drive Motor Nomination       7     Drive Motor Nomination	Full Load Operating Pressure <sup>a, e</sup>	# of Stages: 18.7 116 116	1 acfm <sup>a,e</sup> psig <sup>b</sup>
4*Full Load Operatin5Maximum Full Flo6Drive Motor Nomi7Drive Motor Nomi	ng Pressure <sup>b</sup> w Operating Pressure <sup>c</sup> nal Rating	18.7 116 116	acfm <sup>a,e</sup> psig <sup>b</sup>
4*Full Load Operatin5Maximum Full Flo6Drive Motor Nomi7Drive Motor Nomi	ng Pressure <sup>b</sup> w Operating Pressure <sup>c</sup> nal Rating	116 116	psig <sup>b</sup>
5     Maximum Full Flo       6     Drive Motor Noming       7     Drive Motor Noming	ow Operating Pressure <sup>c</sup> nal Rating	116	psig <sup>b</sup>
6 Drive Motor Nomi 7 Drive Motor Nomi	nal Rating	-	psig <sup>c</sup>
7 Drive Motor Nomi	-		
/		5.5	hp
	nal Efficiency	88.5	percent
8 Fan Motor Nomina	al Rating (if applicable)	NA	hp
9 Fan Motor Nomina	ll Efficiency	NA	percent
10* Total Package Inp	at Power at Zero Flow <sup>e</sup>	0.96	kW <sup>e</sup>
	at Power at Rated Capacity and Full Load	5.10	$kW^d$
12* Package Specific I Pressure <sup>e</sup>	Power at Rated Capacity and Full Load Operating	27.27	kW/100 cfm <sup>e</sup>
13 Isentropic Efficien	cy	52.89	Percent



- 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:

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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
Member	$\underline{m^3 / \min}$	$ft^3 / min$	%	%	%
	Below 0.5	Below 17.6	+/- 7	+/- 8	
	0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
	1.5 to 15	53 to 529.7	+/- 5	+/- 6	
ROT 030.1	Above 15	Above 529.7	+/- 4	+/- 5	

12/19 Rev ? 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.