

COMPRESSOR DATA SHEET

Rotary Compressor: Fixed Speed

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Iodel Number: Air-cooled	essure ^b perating Pressure ^c Rating Efficiency ting (if applicable)	Date: Type: # of Stages: 1460 200 200 450 96.2 71	May-15 Screw 1 acfm ^{a,e} psig ^b psig ^c hp percent hp percent kW ^e	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Air-cooled Oil-injected Oil-injected Capacity at Full L ated Capacity at Full L ated Capacity at Full L aressure Orive A Coperating Prese Orive Motor Nominal R Orive Motor Nominal R Orive Motor Nominal E Can Motor Nominal Efficiency Otal Package Input Pov	× Water-cooled Oil-free Load Operating Load Operating essure b cessure cessure <td< td=""><td>Type: # of Stages: 1460 200 200 450 96.2 </td><td>Screw 1 acfm^{a,e} psig^b psig^c hp percent hp percent</td><td></td></td<>	Type: # of Stages: 1460 200 200 450 96.2 	Screw 1 acfm ^{a,e} psig ^b psig ^c hp percent hp percent	
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ated Capacity at Full L ressure ^{a, e} full Load Operating Pre faximum Full Flow Op Drive Motor Nominal R Drive Motor Nominal E fan Motor Nominal Rat fan Motor Nominal Effi	Load Operating essure ^b perating Pressure ^c Rating Efficiency ting (if applicable)	1460 200 200 450 96.2 	acfm ^{a,e} psig ^b psig ^c hp percent hp percent	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	a, e Fressure a, e full Load Operating Pre Maximum Full Flow Op Drive Motor Nominal R Drive Motor Nominal R fan Motor Nominal Rat fan Motor Nominal Effi fotal Package Input Pov	essure ^b perating Pressure ^c Rating Efficiency ting (if applicable)	200 200 450 96.2 	psig ^b psig ^c hp percent hp percent	
4 Fu 5 M 6 D 7 D 8 Fa 9 Fa 10* Ta 11 Ta 12* Sp	ull Load Operating Pre Iaximum Full Flow Op Drive Motor Nominal R Drive Motor Nominal E an Motor Nominal Rat an Motor Nominal Effi Total Package Input Pov	perating Pressure ^c Rating Efficiency ting (if applicable)	200 200 450 96.2 	psig ^b psig ^c hp percent hp percent	
5 M 6 D 7 D 8 Fa 9 Fa 10* Ta 11 Ta 12* Sp	Iaximum Full Flow Op Drive Motor Nominal R Drive Motor Nominal E Can Motor Nominal Rat Can Motor Nominal Effi	perating Pressure ^c Rating Efficiency ting (if applicable)	200 450 96.2 	psig ^c hp percent hp percent	
6 D 7 D 8 Fa 9 Fa 10* To 11 To 12* Sp	Drive Motor Nominal R Drive Motor Nominal E dan Motor Nominal Rat dan Motor Nominal Effi	Rating Efficiency ting (if applicable) Ticiency	450 96.2 	hp percent hp percent	
7 D 8 Fa 9 Fa 10* Ta 11 Ta 12* Sp	Drive Motor Nominal E an Motor Nominal Rat an Motor Nominal Effi otal Package Input Pov	Efficiency ting (if applicable) iciency	96.2 	percent hp percent	
8 Fa 9 Fa 10* Ta 11 Ta 12* Sj	an Motor Nominal Rat an Motor Nominal Effi otal Package Input Pov	ting (if applicable)		hp percent	-
9 Fa 10* To 11 To ar 12* Sj	an Motor Nominal Effi otal Package Input Pov	ïciency		percent	
10* To 11 To ar 12* Sj	otal Package Input Pov			*	
11 To ar 12* Sj		wer at Zero Flow ^e	71	kW ^e	
ar 12* Sj	otal Package Input Pov				_
12	nd Full Load Operating	1 •	376	kW^d	
C	pecific Package Input I Capacity and Full Load		25.8	kW/100 cfm ^e	
*For models the Consult CAGI NOTES:	aat are tested in the CAGI H I websitefor a list of partici a. Measured at the dischar ISO 1217, Annex C; A b. The operating pressure	Performance Verification Pripants in the third party vering terminal point of the compression of the compres	pressor package in accordance	www.cagi.org	inistrator
Member	maximum pressure atta d. Total package input po	ainable before capacity control	e unload pressure setting for loa begins. May require additiona trating points will vary with con wn in table below:	al power.	
		ne Flow Rate fied conditions	Volume Flow Rate	Specific Energy Consumption	No Lo Flow
	$\underline{m^3 / \min}$	<u>ft3 / min</u>	%	%	
	Below 0.5	Below 15	+/- 7	+/- 8	
	0.5 to 1.5	15 to 50	+/- 6	+/- 7	+/-
	1.5 to 15	50 to 500	+/- 5	+/- 6	

ROT 030

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