

## **COMPRESSOR DATA SHEET**

**Rotary Compressor: Belt Driven** 

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Chicago Pneumatic		
	Model Number: CPC 60	Date:	Jun-14
2	X Air-cooled Water-cooled	Type:	Screw
	x Oil-injected Oil-free	# of Stages:	1
	Rated Capacity at Full Load Operating		
3*	Pressure a, e	229	acfm <sup>a,e</sup>
4	Full Load Operating Pressure b	150	b psig
5	Maximum Full Flow Operating Pressure <sup>c</sup>	157	psig <sup>c</sup>
6	Drive Motor Nominal Rating	60	hp
7	Drive Motor Nominal Efficiency	93.6	percent
8	Fan Motor Nominal Rating (if applicable)	1.74	hp
9	Fan Motor Nominal Efficiency	82.1	percent
10*	Total Package Input Power at Zero Flow	14.3	kW <sup>e</sup>
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>d</sup>	52.4	$kW^d$
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure	22.9	kW/100 cfm <sup>e</sup>

\*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator. Consult CAGI website for a list of participants in the third party verification program: www.cagi.org

NOTES:

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- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. 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.

+/- 5

+/- 4

No Load / Zero

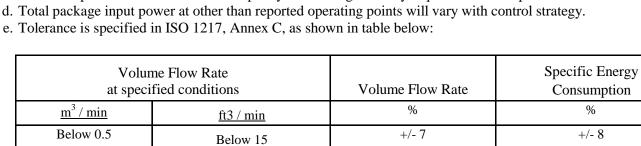
Flow Power

+/- 10%

+/- 8

+/- 6

+/- 5



ROT 030

10/11 R8

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.

15 to 50

50 to 500

Above 500

0.5 to 1.5

1.5 to 15

Above 15