

AIR BLOWER PACKAGE DATA SHEET

Positive Displacement Fixed Speed Blower

MODEL DATA - Option 1 Standard Conditions			
1	Manufacturer:	ABC, Inc.	Date: 7/16/2015
2	Model Number:	Blower Model	
3	<input checked="" type="checkbox"/> Main Drive Motor <input type="checkbox"/> Driver Cooling System <input type="checkbox"/> Lubrication System <input type="checkbox"/> Starters <input checked="" type="checkbox"/> Inlet Air Filter <input checked="" type="checkbox"/> Gearbox / Belt Drive <input checked="" type="checkbox"/> Control Cubicle <input type="checkbox"/> Check Valve		
		VALUE	UNITS
4	Rated Capacity (FAD) at Rated Operating Pressure	200	cfm
5	Rated Operating Pressure - p2	12.00	psig
6	Drive Motor Nameplate Rating	20.0	hp
7	Blower Rated Speed	3000	rpm
Performance Table ^a			
	Discharge Pressure ^c	VALUE	UNITS
8	10 psig	Delivered Air Flow - FAD ^d	212 cfm
		Specific Power ^b	5.20 kW / 100 cfm
		Blower Speed ^e	3020 rpm
	8 psig	Delivered Air Flow - FAD ^d	250 cfm
		Specific Power ^b	6.40 kW / 100 cfm
		Blower Speed ^e	3100 rpm
	6 psig	Delivered Air Flow - FAD ^d	270 cfm
		Specific Power ^b	7.30 kW / 100 cfm
		Blower Speed ^e	3150 rpm

Notes:

- a. Based on reference inlet conditions of pamb= 14.7 psia, Tamb = 68°F, RH=36%. See CAGI BL 300 Standard
- b. Specific power (kW / 100cfm.) +/- 4% tolerance
- c. Zero negative tolerance for discharge pressure. An 8 psig data point is required
- d. Delivered air flow +/- 4% tolerance
- e. Nominal Speed for Reference Purposes

Member

