

AIR BLOWER PACKAGE DATA SHEET
Positive Displacement Fixed Speed Blower

MODEL DATA - Option 2 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 checked="" type="checkbox"/> Lubrication System <input checked="" type="checkbox"/> Starters <input checked="" type="checkbox"/> Inlet Air Filter <input checked="" type="checkbox"/> Gearbox / Belt Drive <input checked="" type="checkbox"/> Control Cubicle			
		VALUE	UNITS	
4	Rated Capacity (FAD) at Rated Operating Pressure	36	m ³ / min	
5	Rated Operating Pressure - P2	800	mbar(g)	
6	Drive Motor Nameplate Rating	37.0	kW	
7	Blower Rated Speed	3000	rpm	
8	Performance Table ^a			
	Discharge Pressure ^c	VALUE	UNITS	
	700 mbar(g)	Delivered Air Flow - FAD ^d	36.4	m ³ / min
		Specific Power ^b	1.53	kW / m ³ /min
		Blower Speed ^e	3020	rpm
	600 mbar(g)	Delivered Air Flow - FAD ^d	36.7	m ³ / min
		Specific Power ^b	1.50	kW / m ³ /min
		Blower Speed ^e	3100	rpm
	400 mbar(g)	Delivered Air Flow - FAD ^d	37	m ³ / min
		Specific Power ^b	1.40	kW / m ³ /min
Blower Speed ^e		3150	rpm	

Notes:

- a. Based on reference inlet conditions of pamb = 1 bar (a), Tamb=20°C, RH=0%. See CAGI BL 300 Standard
- b. Specific power (kW / m³/min) +/- 4% tolerance
- c. Zero negative tolerance for discharge pressure. A 600 mbar(g) data point is required
- d. Delivered air flow +/- 4% tolerance
- e. Nominal Speed for Reference Purposes

Member

