

BLOWER PACKAGE APPLICATION DATA SHEET



Company _____	Date _____
Contact _____	Salesperson _____
Phone No. _____	Fax No. _____
Job Reference _____	

293-B-004

OPERATING CONDITIONS

INLET VOLUME	V: _____ SCFM	GAS HANDLED: _____
	V ₁ : _____ ICFM	INLET DENSITY OF GAS: _____ Lbs./Ft. ³
INLET PRESSURE	P ₁ : _____ PSIA	SPEC. HEAT, Cp: _____ SPEC. GRVTY.: _____
ELEVATION	_____ Ft.	RATIO OF SPECIFIC HEATS: K: _____
PRESSURE RISE	ΔP _____ PSI	INLET TEMPERATURE: T: _____ °F
DISCHARGE PRESSURE	P ₂ _____ PSIA	T ₁ : _____ °R

BLOWER SPECIFICATIONS

MODEL/SIZE: _____	MAX. RATED SPEED: _____ RPM
CONNECTION SIZE: _____ NPT _____ FLG	MAX. RATED PRESSURE RISE: _____ PSI
DISPLACEMENT: _____ CFR	MAX. TEMPERATURE RISE: _____ °F
SLIP SPEED AT 1 PSI _____ RPM	MAX. DISCHARGE TEMP.: _____ °F

PERFORMANCE CALCULATIONS

SLIP SPEED: _____ SRPM	GAS HORSEPOWER: _____ GHP
DELIVERY SPEED: _____ DRPM	FRICTION HORSEPOWER: _____ FHP
TOTAL SPEED: _____ TRPM	TOTAL BREAK HORSEPOWER: _____ TBHP
TEMPERATURE RISE, ΔT _____ °F	VOLUMETRIC EFFICIENCY: _____ %
DIS. TEMPERATURE T ₂ : _____ °F	DISCHARGE VOLUME: _____ CFM
TRANSITION SPEED: _____ FPM	MASS FLOW, W: _____ Lbs./Min.

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