

MOTOR DATA AND TYPICAL PERFORMANCE REPORT



ROTRON® Technical & Industrial Products

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DATE 4/9/15

CUSTOMER:

ENGINEER:

MOTOR MFG.	Baldor
BLOWER MODEL	DR505AS72M
MOTOR P/N	510318
MOTOR SPEC. #	35F344-672
SPECIAL FEATURES	
BEARING # - SHAFT END	6205 DSL
BEARING # - OPPOSITE SHAFT END	203 DSL

HORSEPOWER	2	PROTECTOR (TYPE)	NONE
RPM	3450	FRAME	145 TCZ
VOLTAGE	230/460	ENCLOSURE	TEFC
NAMEPLATE AMPS	5.4/2.7	MOUNTING	C-Face
PHASE	3	INSULATION CLASS	F
FREQUENCY	60	CODE	H
AMBIENT TEMP.	40°C	DUTY	Con't.
SERVICE FACTOR	1.15	NEMA DESIGN	B

MOTOR TEST VALUES

FULL LOAD AMPS @	230/460	VOLTS	5.4 / 2.7
FULL LOAD WATTS	1900		
FULL LOAD RPM	3450		
FULL LOAD EFFICIENCY %	78.5		
FULL LOAD POWER FACTOR %	93		
FULL LOAD TORQUE – LB. FT.	3.0		
1.15 S.F. 0°C RISE/RES.	60		
BREAKDOWN TORQUE	10.4		
LOCKED ROTOR TORQUE – LB. FT.	8.9		
LOCKED ROTOR AMPS	38	@ VOLTS	230

REV: DATE: 6/18/99