

<b>TOSHIBA INTERNATIONAL</b> Industrial Division / Houston Motor Plant  <b>SQUIRREL CAGE INDUCTION MOTOR</b> <b>PERFORMANCE SPECIFICATIONS</b>	INDEX	MPCF-1033
	SHEET NO.	1 of 1
	ISSUED	11/08/96
	SUPERSEDES	10/06/95
	REVISION	1
	WRITTEN BY	R. EVANS
	APPROVED BY	Jay Bugbee

CUSTOMER:

Customer Tag:

TIC File No.:

Customer PO:

MOTOR NAMEPLATE DATA			
HP.: 200	VOLTS: 460	3PH/ 60 Hz	Sync. RPM: 1800
FRAME: 447T	ENCL: TEFC	Full Load Amp: 233	Full Load RPM: 1780
FORM: FBK1	S.F.: 1.15	NEMA DESIGN: B	Ins. CLASS: F
TYPE: TTKH	AMB.: 40 °C	CODE: G	DUTY: CONT.
MODEL No.: B2004FLF4BSHJ01		KW.: 149	
NOM. EFF.: 96.2	MIN. EFF.: 95.8	P.F.: 84.5	

MOTOR PERFORMANCE DATA		
<u>AMPERAGE</u>	<u>TORQUES</u>	<u>** BEARINGS</u>
LOCKED ROTOR: 1450	FULL LOAD (lb-ft): 589	DRIVE END: 90RU03J30X (NU318C3)
	LOCKED ROTOR (%): 240	OPP. DRIVE END: 90BC03J30X (6318C3)
	BREAK DOWN (%): 260	
<u>EFFICIENCY:</u>	<u>POWER FACTOR:</u>	
FULL LOAD: 96.1 %	FULL LOAD: 84.5 %	
¾ LOAD: 96.1 %	¾ LOAD: 81.9 %	
½ LOAD: 95.7 %	½ LOAD: 74.6 %	

ALL CHARACTERISTICS ARE AVERAGE EXPECTED VALUES BASED UPON RATED VOLTAGE, FREQUENCY AND SINEWAVE POWER INPUT.  * TEMPERATURE RISE WILL BE CONSISTENT WITH INSULATION, AMBIENT AND SERVICE FACTOR AS DEFINED BY NEMA-MG-12.43 OR -20.40.  ** BEARINGS ARE THE ONLY RECOMMENDED SPARE PART(S).
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CERTIFIED BY:

DATE: 19Jan2007