

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

Customer Tag:

CUSTOMER:

TIC SR No.:

Customer PO:

MOTOR NAMEPLATE DATA				
H.P.: 700	VOLTS: 2300 / 4000	3 Ø / 60	Hz	S. RPM: 3600
FRAME: 5011/12 USS	ENCL: WPI	FLAMPS:		FLRPM: 3555
FORM: DCK1	S.F.: 1.15	NEMA DESIGN:		INSUL CLASS: F
TYPE: TIKK	AMB.: 40	CODE: F		DUTY: CONT.
MODEL No.: 7003WPQK11F-A		kW: 525		Serial No.:
NOM. EFF.: 94.1	MIN. EFF.: 93	P.F.: 88.1		

AMPERAGE	TORQUES	** BEARINGS:
Locked Rotor:	FULL LOAD (lb-ft.): 1,034.1 LOCKED ROTOR (%): 120 BREAK DOWN (%): 255	Drive End: M9-90 INS Opposite Drive End: M9-90 INS

EFFICIENCY (%)	POWER FACTOR (%)
FULL LOAD: 94.2	FULL LOAD: 88.1
3/4 LOAD: 94	3/4 LOAD: 85.8
1/2 LOAD: 93.2	1/2 LOAD: 79.6

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:

TOSHIBA

Reliability in Motion

TOSHIBA INTERNATIONAL CORPORATION

INDUSTRIAL DIVISION

PO BOX 40906

HOUSTON TX 77240

(713) 466-0277

(800) 231-1412

FAX (713) 466-8773

SPARE PARTS (RECOMMENDED)

OTHER THAN THE GREASE USED FOR RE-GREASABLE BEARINGS, **TOSHIBA** ADVISES THAT THERE ARE NO "USE" PARTS. THE ONLY INSURANCE SPARES THAT **TOSHIBA** SUGGESTS FOR THESE SQUIRREL CAGE INDUCTION MOTORS ARE INDUSTRY STANDARD, AND COMMERCIALY AVAILABLE ANTI-FRICTION BEARINGS, AS NOTED BELOW.

MOTOR COMPONENTS (SUCH AS TERMINAL BOXES, FAN COVERS, MACHINED PARTS) ARE AVAILABLE UPON SPECIAL REQUEST. IN THIS CASE, PLEASE ADVISE OUR ORDER ENTRY DEPARTMENT THE MODEL AND SERIAL NUMBERS (FOUND ON THE MOTOR NAMEPLATE) , AND A DESCRIPTION OF THE COMPONENT REQUIRED. THEY WILL THEN FURNISH THE CURRENT PART NUMBER, PRICE AND AVAILABILITY.

(NOTE: OUR INTERNAL PART NUMBERS ARE SUBJECT TO CHANGE WITHOUT NOTICE, AND ARE NOT PUBLISHED).

PLEASE ADVISE IF YOU HAVE ANY QUESTIONS.

CUSTOMER:

PURCHASE ORDER #

Customer Tag:

TOSHIBA FILE #

MODEL # 7003WPQK11F-A

HP / RPM / ENCL / FRAME: 700 / 3600 / WPI / 5011/12 USS

DRIVE END BEARING: M9-90 INS

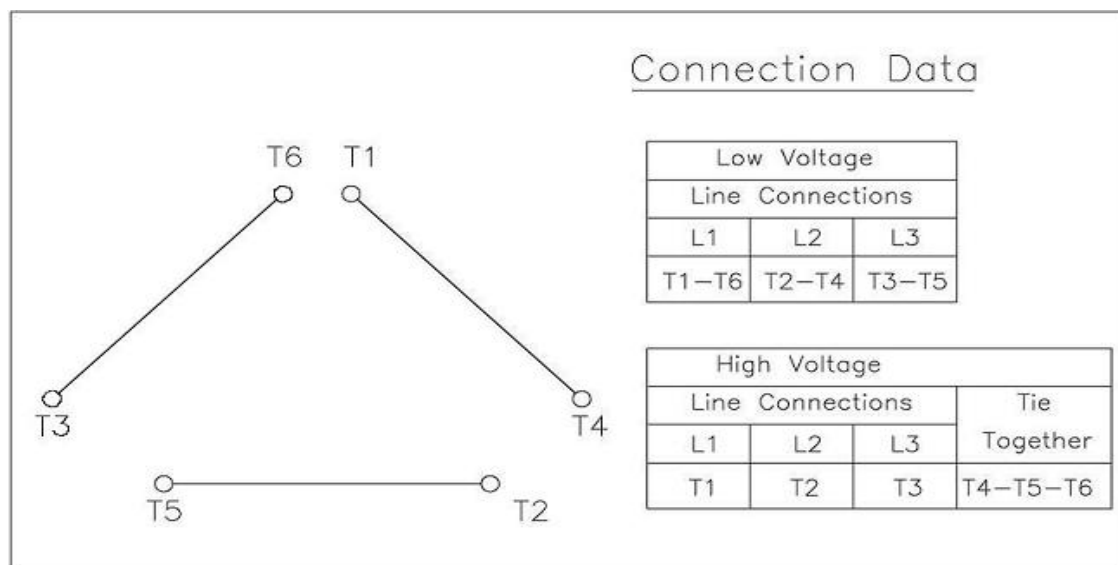
OPPOSITE DRIVE END BEARING: M9-90 INS

Prepared By:

Date:

Three Phase Motor Wiring Diagram

"Across the line" (Full Voltage) Starting



Customer Name:

PO No.:

Customer Tag:

TIC File No.:

Motor Model No. 7003WPQK11F-A

For Further Information Regarding Toshiba motor starting, maintenance or wiring,
Please refer to the "Toshiba - A Quality Product for World Energy" Installation and
Maintenance Manual, or contact the Toshiba Low Voltage Motor Marketing Department.
(800) 231-1412

Prepared By:

Date: