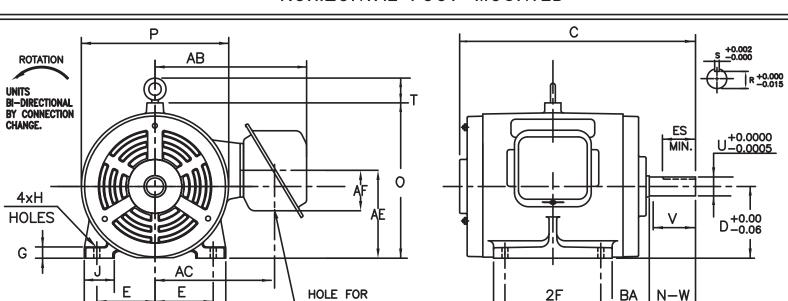
DUEF!

Fr. 182T-184T

TOSHIBA/HOUSTON

DRIP-PROOF FULLY-GUARDED HORIZONTAL FOOT-MOUNTED



LINITS: INCHES

										'	014113. 1	NOTILS
FRAME			MOUN	TING		CONDUIT BOX						
	SIZE	Ε	2F	Н	BA	AA	AB	AC	AE	AF	XL	XN
	182T	3.75	4.50	0.41	2.75	0.75 _A	7.39	5.90	5.58	1.85		
	184T	3.75	5.50	0.41	2.75	0.75	7.39	5.90	5.58	1.85		

FRAME	MOTOR DIMENSIONS									
SIZE	Α	В	С	D	G	J	М	0	T	Р
182T	8.66	5.59	12.53	4.50	0.56	1.57	-	9.06	1.63	8.70
184T	8.66	6.61	13.53	4.50	0.56	1.57		9.06	1.63	8.70

AA CONDUIT

FRAME	SHAF	T EXTEN	ISION	ŀ	KEY SEAT	Γ	BEARINGS		MAXIMUM
SIZE	N-W	٧	U	R	S	ES	LS	OS	WEIGHT
182T/184T	2.75	2.5	1.125	0.986	0.250	1.78	6207ZZ	6206ZZ	170 lbs.

ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE. FOR CONSTRUCTION USE ONLY CERTIFIED DATA.

CERTIFIED DATA

NOTES:

В

- 1. DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT.
 2. CONDUIT BOX MAY BE ROTATED IN 90' INCREMENTS AND MAY BE MOUNTED ON OPPOSITE SIDE ON SPECIAL ORDER.
 3. KEY DIMENSIONS EQUAL S x S x 1.77 (MOTOR SUPPLIED WITH KEY)
- 4. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME.

CUSTOMER:	P.O. NO.:	TAG NO.:
MOTOR MODEL NO.: 0052DPSA31A-P	TOSHIBA FILE NO.:	
HP: <u>5</u> RPM (SYN.): <u>3600</u>	VOLTAGE: 230/460	Hz: <u>_60</u>
FRAME SIZE: 182T LOG	NO.: LOG	REV. LEVEL:
REMARKS:		
PER: I	SSUE DATE:	SUPERSEDES:
	5502 5/112.	SAS000927

TOSHIBA INTERNATIONAL CORPORATION

Industrial Division / Houston Motor Plant

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

SQUIRREL CAGE INDUCTION MOTOR PERFORMANCE SPECIFICATIONS

Customer Tag:

CUSTOMER: TIC SR No.: Customer PO:

MOTOR NAMEPLATE DATA					
H.P.: 5	VOLTS: 230/460	3Ø/60	Hz	S. RPM: 3600	
FRAME: 182T	ENCL: ODP	FLAMPS: 11.6/	5.8	FLRPM: 3470	
FORM: DCK1	S.F.: 1.15	NEMA DESIGN: B		INSUL CLASS: F	
TYPE: IK	AMB.: 40C	CODE: H		DUTY: CONT.	
MODEL No.: 0052DPSA3	kW: 3.7		Serial No.:		
NOM. EFF.: 86.5	MIN. EFF.:	P.F.:92			

AMPERAGE	TORQUES	** BEARINGS:
Locked Rotor: 43.5	FULL LOAD (lb-ft.): 7.57	Drive End: 6207ZZ
	LOCKED ROTOR (%): 215 BREAK DOWN (%): 285	Opposite Drive End: 6206ZZ

EFFICIENCY (%)	POWER FACTOR (%)
FULL LOAD: 86.5	FULL LOAD: 92
3/4 LOAD: 87.5	3/4 LOAD: 91
1/2 LOAD: 87.6	1/2 LOAD: 86

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).

CERTIFIED BY: DATE:



Reliability in Motion

TOSHIBA INTERNATIONAL CORPORATION

INDUSTRIAL DIVISION
PO BOX 40906
HOUSTON TX 77240 (800) 231-1412
(713) 466-0277 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 COMMERCIALLY 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 # 0052DPSA31A-P

HP / RPM / ENCL / FRAME: 5 / 3600 / ODP / 182T

DRIVE END BEARING: 6207ZZ
OPPOSITE DRIVE END BEARING: 6206ZZ

Prepared By: Date: