# PRODUCT INFORMATION PACKET



Model No: 184TTFW16013 Catalog No: C238C

XRI® General Purpose General Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V,

3600 & 3000 RPM, 184TC Frame, TEFC



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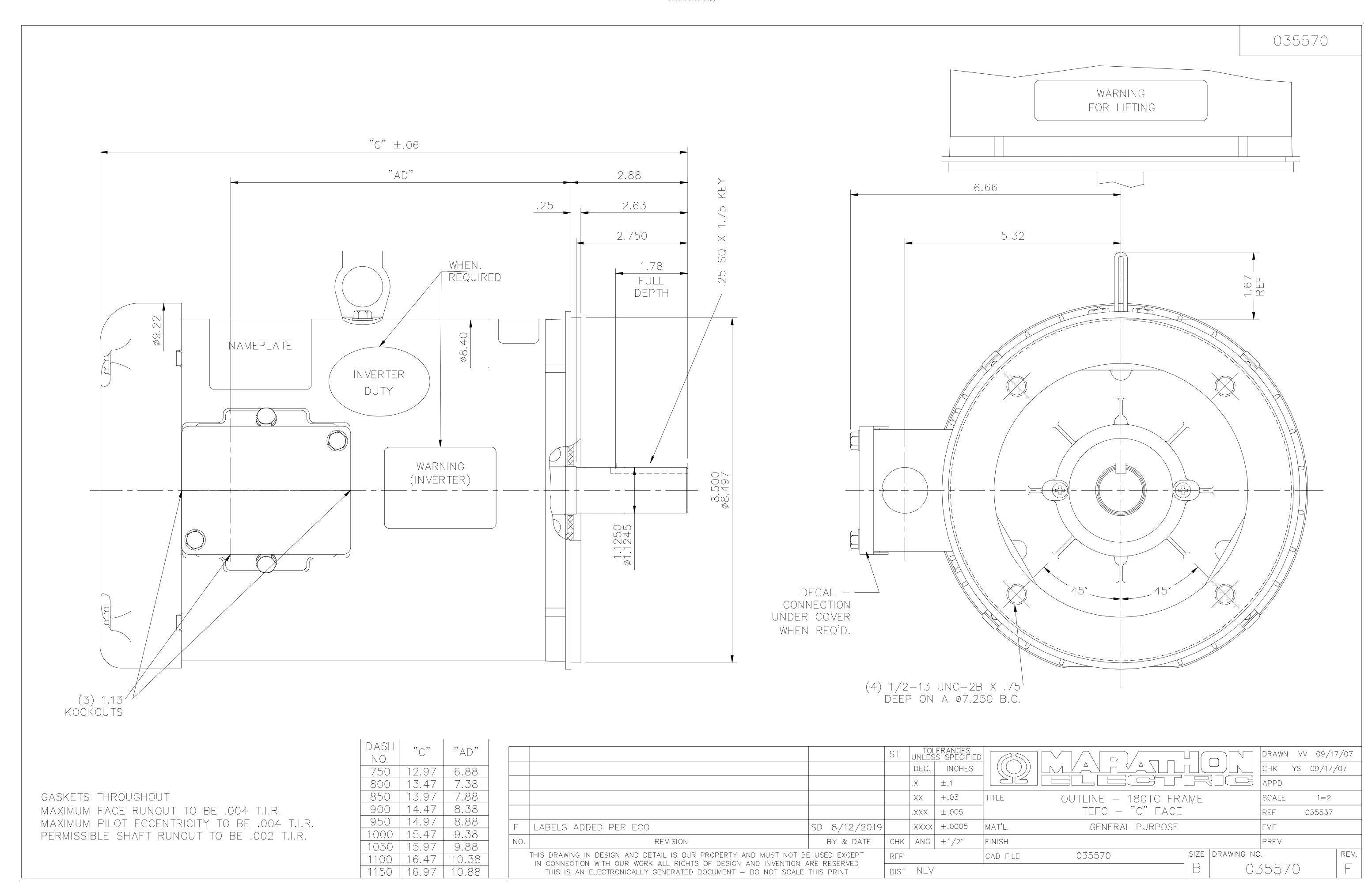
## Nameplate Specifications

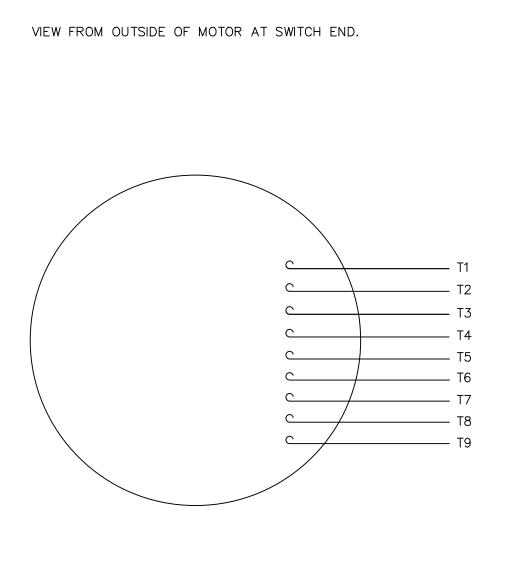
Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	208-230/460 & 190/380 V
Speed	3510 & 2925 rpm	Service Factor	1.0 & 1.0
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	90.1 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	19.2-17.6/8.8 & 15/7.5 A	Power Factor	88.4
Duty	Continuous	Insulation Class	F
Design Code	Α	KVA Code	L
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		

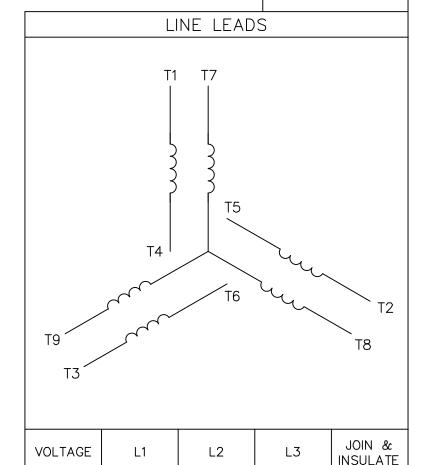
## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	1.3 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Т	Overall Length	15.97 in
Frame Length	10.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035570-1050	Connection Drawing	005010.01ME

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T2

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T1

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T3,T9

				TOL UNLES	ERANCES S SPECIFIED		$\overline{\square}$				DRAWN	RDW 04/1	2/02
				DEC.	INCHES				<u>الريا</u>		CHK		
				.x	±.1						APPD		
				.xx	±.01	TITLE	EXTERNAL WIRING DIAGRAM			SCALE	1=1		
				.xxx	±.005		3 PHASE	W/O PROT	ECTOR		REF	FIG.2-51	1
				.xxxx	±.0005	MAT'L.	DE	CAL - 004014			FMF		
NO.	REVISION	BY & DATE	СНК	ANG	±1/2°	FINISH					PREV		
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE		RFP	0-	4/12/02	CAD FILE	0050100	1ME	SIZE	DRAWING NO			REV.
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT						•			$\neg \land$	0050	10-0	1ME	

HIGH

LOW

(T4,T7)

(T5, T8)

(T6,T9)

T4,T5,T6

#### **CERTIFICATION DATA SHEET**

 Model#:
 184TTFW16013 AA
 WINDING#:
 T82153 FR 3

 CONN. DIAGRAM:
 005010.01ME
 ASSEMBLY:
 F1 ONLY

**OUTLINE**: 035570-1050

380

#### TYPICAL MOTOR PERFORMANCE DATA

НР	KW	SYN	NC. RPM	F.L. RPM	FRAME	ENCLOS	SURE	KV	A CODE	DESIGN
7 1/2&5	5.6&3	3.7	3600	3510&2925	184TC	184TC TEFC			L	Α
				,						
PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.	F	AMB°C	ELEVATION
3	60/50	208-	19.2-	ACROSS THE	CONTINUOU	F4	1.0/	1.0	40	3300
		230/460#190/	17.6/8.8&15/7.	LINE	S					

FULL LOAD EFF: 90.1&90.2	3/4 LOAD EFF: 91.2	1/2 LOAD EFF: 90.8	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 88.4&85.5	3/4 LOAD PF: 84.2	1/2 LOAD PF: 75.2	87.5	SQ CAGE IND RUN	6/3

F.L. TORQUE	F.L. TORQUE LOCKED ROTOR AMPS		B.D. TORQUE	F.L. RISE°C	
11.2 LB-FT	175 / 87.5	34.6 LB-FT 308	46 LB-FT 409	70	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.221 LB-FT^2	0 LB-FT^2	15 SEC.	2	0 LBS.

### \*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEAF	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6206	6205						

	THERMO-PROTECTORS				CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE

ENCODER: NONE NONE NONE NONE NONE PPR

BRAKE: NONE NONE NONE P/N NONE NONE NONE

NONE FT-LB NONE V NONE Hz

N O T E S

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