# PRODUCT INFORMATION PACKET



Model No: 184TTFW16012 Catalog No: C204C

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

3600 & 3000 RPM, 184TC Frame, TEFC



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies. ©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E



Product Information Packet: Model No: 184TTFW16012, Catalog No:C204C XRI® General Purpose General Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 184TC Frame, TEFC



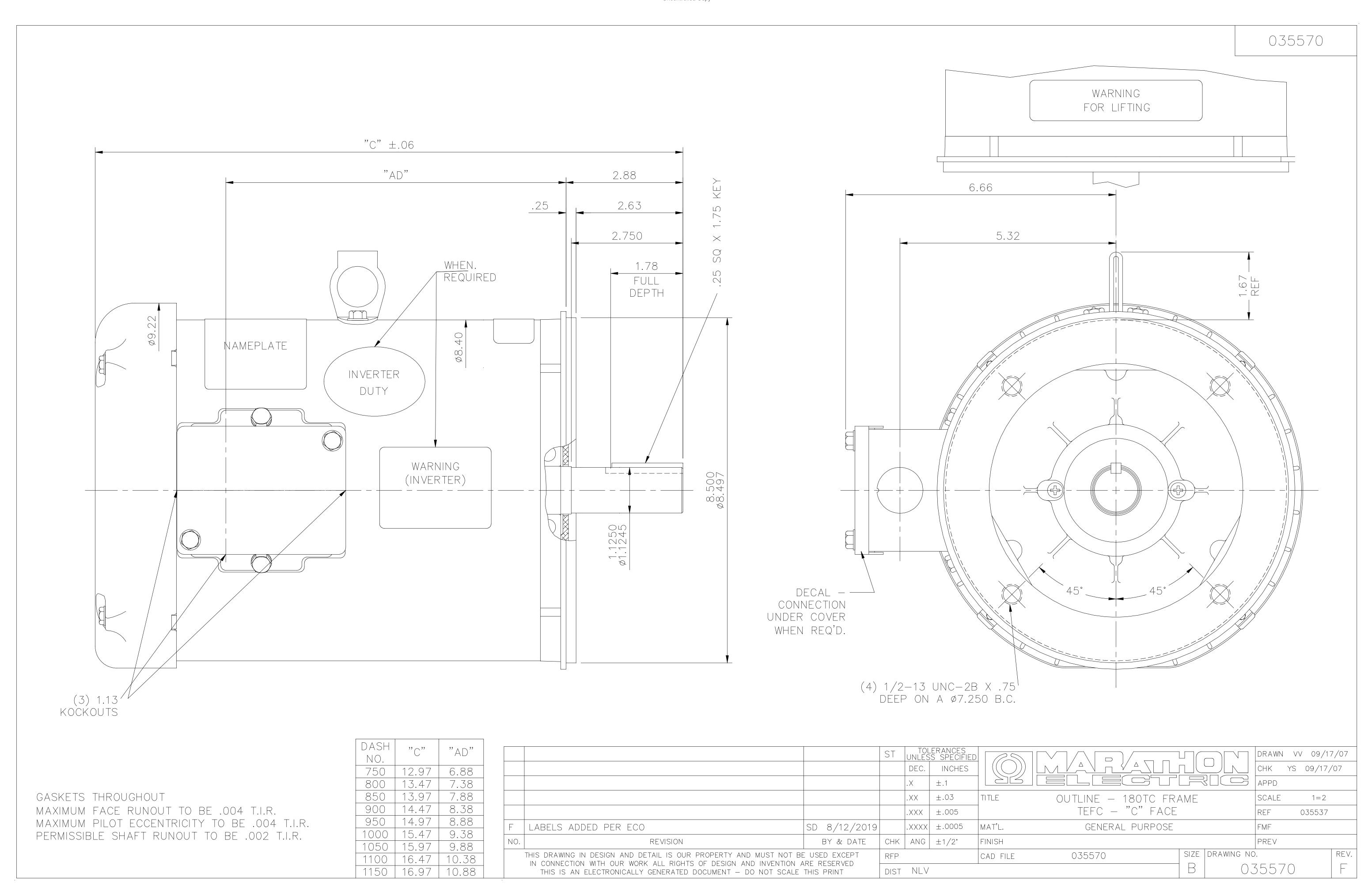
## Nameplate Specifications

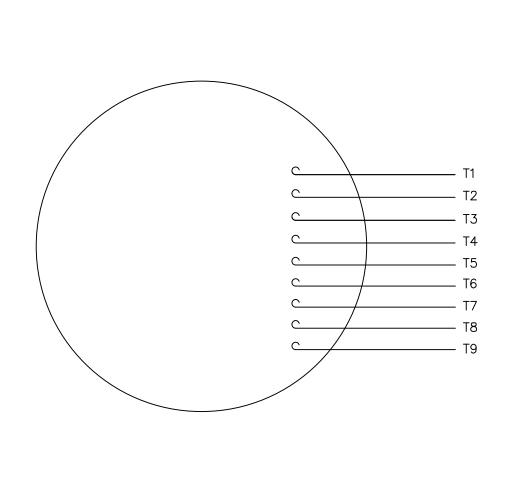
Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	3495 & 2920 rpm	Service Factor	1.15 & 1.0
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	88.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12/6 & 9.2/4.6 A	Power Factor	89.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	J
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**

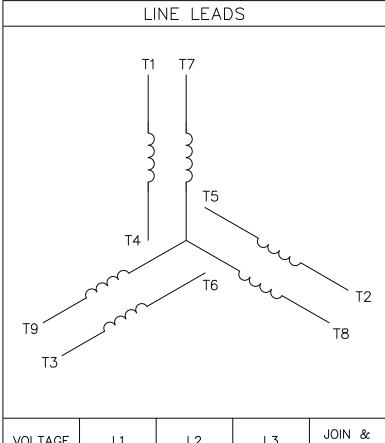
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Т
Overall Length	14.97 in	Frame Length	9.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.88 in
Assembly/Box Mounting	F1 ONLY	Inverter Load	CONSTANT 2:1
Connection Drawing	005010.01ME	Outline Drawing	035570-950

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:06/22/2023





VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	ТЗ	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3 <b>,</b> T9	T4,T5,T6

				TOL UNLES	ERANCES S SPECIFIED					DRAWN	RDW 04/1	2/02
				DEC.	INCHES			<u>ال ب</u>		CHK		
				.x	±.1			<u>'</u>		APPD		
				.xx	±.01	TITLE	EXTERNAL WIRING DIA	GRAM		SCALE	1=1	
				.xxx	±.005	]	3 PHASE W/O PROTE	CTOR		REF	FIG.2-51	1
				.xxxx	±.0005	MAT'L.	DECAL - 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 USED EXCEPT		RFP	04	4/12/02	CAD FILE	00501001ME	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					•		7 A	0050	10 - 0	)1ME	

4 of 6

#### **CERTIFICATION DATA SHEET**

184TTFW16012 AA WINDING#: T82103 R1 3 Model#: ASSEMBLY: F1 ONLY CONN. DIAGRAM: 005010.01ME

OUTLINE: 035570-950

#### TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYI	NC. RPM	F.L. RPM	FRAME	ENCLO	SURE	KVA CODE	DESIGN
5&3	3.70&2	2.24	3600	3495&2920	184TC	TEF	c	J	В
PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION

	PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
	3	60/50	230/460#190/	12/6&9.2/4.6	LINE OR	CONTINUOU	F4	1.15/1.0	40	3300
L			380		INVERTER	S				

FULL LOAD EFF: 88.5&87.5	3/4 LOAD EFF: 89.1	1/2 LOAD EFF: 87.9	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 89.5&86	3/4 LOAD PF: 87.5	1/2 LOAD PF: 81.1	86.2	SQ CAGE INV RATED	3.4 / 1.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
7.5 LB-FT	92 / 46	16 LB-FT 213	26 LB-FT 347	55

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	0.3 LB-FT^2	13 LB-FT^2	15 SEC.	2	125 LBS.

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

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

BEAF	BEARINGS		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-PF	ROTECTORS	THERMISTORS	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: CONSTANT 2:1 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

Ν 0 Т Ε S

> DATE: 06/28/2017 07:30:14 AM FORM 3531 REV.3 02/07/99 \*\* Subject to change without notice.

