PRODUCT INFORMATION PACKET





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Product Information Packet: Model No: 182TTFW16085, Catalog No:K700A XRI® General Purpose General Purpose Motor, 1.50 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 182TC Frame, TEFC

marathon®

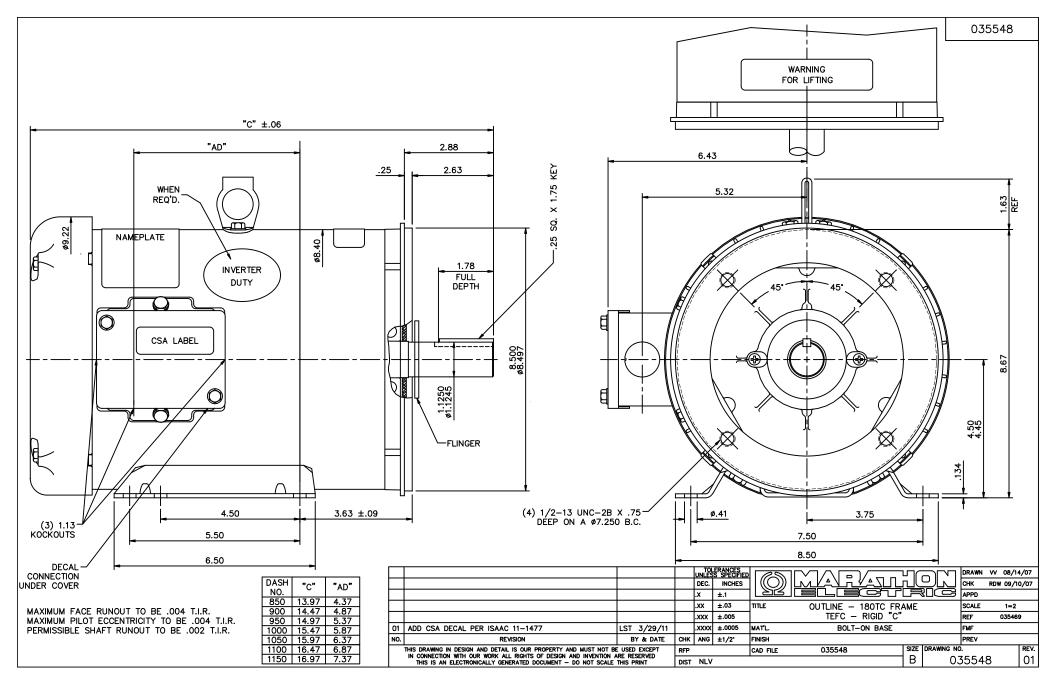
Nameplate Specifications

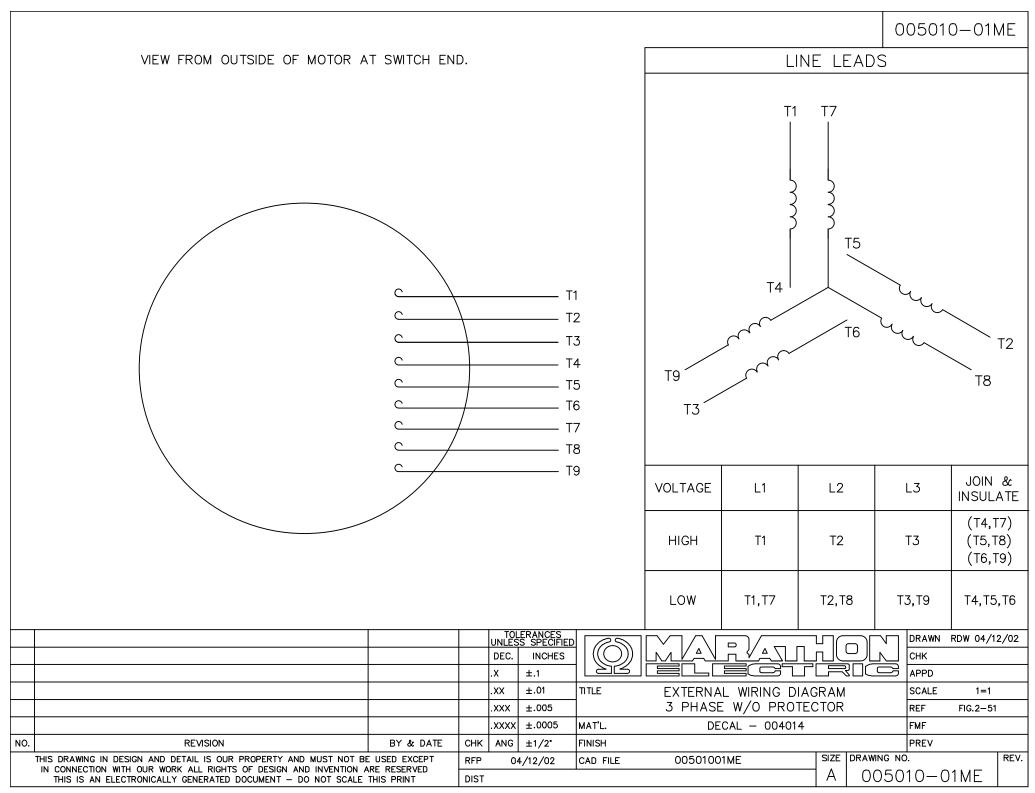
Phase	3	Output HP	1.50 Нр
Output KW	1.1 kW	Voltage	230/460 V
Speed	1170 rpm	Service Factor	1
Frame	182TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.0/3.0 A	Power Factor	62
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	к
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Bolt-on Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	т	Overall Length	14.47 in
Frame Length	9.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01ME	Outline Drawing	035548-900

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CERTIFICATION DATA SHEET

Model#:	182TTFW16085 AA	WINDING#:	T8636 FR 3
CONN. DIAGRAM:	005010.01ME	ASSEMBLY:	F1 ONLY
OUTLINE:	035548-900		

TYPICAL MOTOR PERFORMANCE DATA

НР		ĸw	SYNC. RP		YNC. RPM F.L. RPM		FRAM	ИE	EN	ENCLOSURE		KVA CODE		DE	DESIGN		
1 1/2		1.12		1	200		1170		182T	С		TEFC		К			В
РН	H	Ηz	VOL	OLTS FL AMP		FL AMPS		ART TYPE	DUTY		INSL		S.	F	A	MB°C	ELEVATION
3	6	60	230/4	/460 6/3		6/3	ACF	ROSS THE LINE	CONTINU S	ου	F4	F4		1.0		40	3300
FULL LOAD E	FF: 87.	.5 3/4	4 LOAD EFF: 85.2 1		1/2 LO/	1/2 LOAD EFF: 82.8		GTD. EFF		ELEC. TYPE			NO LOAD AMPS				
FULL LOAD	PF: 62	3/	3/4 LOAD PF: 55.2 1/2		1/2 LO	1/2 LOAD PF: 40.3		i	85.5		SQ	CAGE	IND RU	IN		3.5 / 1.8	
F.L. TO	RQUE		LOCK	LOCKED ROTOR AMPS		AMPS	L.R. TORQUE			B	B.D. TORQUE			F.L. RISE°C			
6.705	LB-FT		30.4 / 15.2			10.97 LB-FT 1		-FT 163 22.5 LB-FT 335									
SOUND PRESS @ 3 FT.		SOUN	D POWE	R	ROTOR WK^2		2	MAX.	MAX. WK^2 SA		SAFE STALL TIME			START /HOUI	-	AF	PROX. MOTOR WGT
- dBA		-	dBA		0.56	LB-FT^2 - LB-F		-T^2		10 SEC.			-			0 LBS.	

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	BRAKE	BOLT-ON	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		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-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

	INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE						
ENCODER							
NONE NO	ONE						
NONE NO	ONE PPR						
BRAKE:	PROVISIO	ONS FOR KIT	NONE				
NONE	P/N NO	ONE					
NONE	NONE						
NONE FT-	LB	NONE V	NONE Hz				

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