

PRODUCT INFORMATION PACKET

Modal No: 182TBFR5301
Catalog No: I206
3,3600,TEFC,182T,1/60/208-230
Totally Enclosed Fan Cooled (TEFC)



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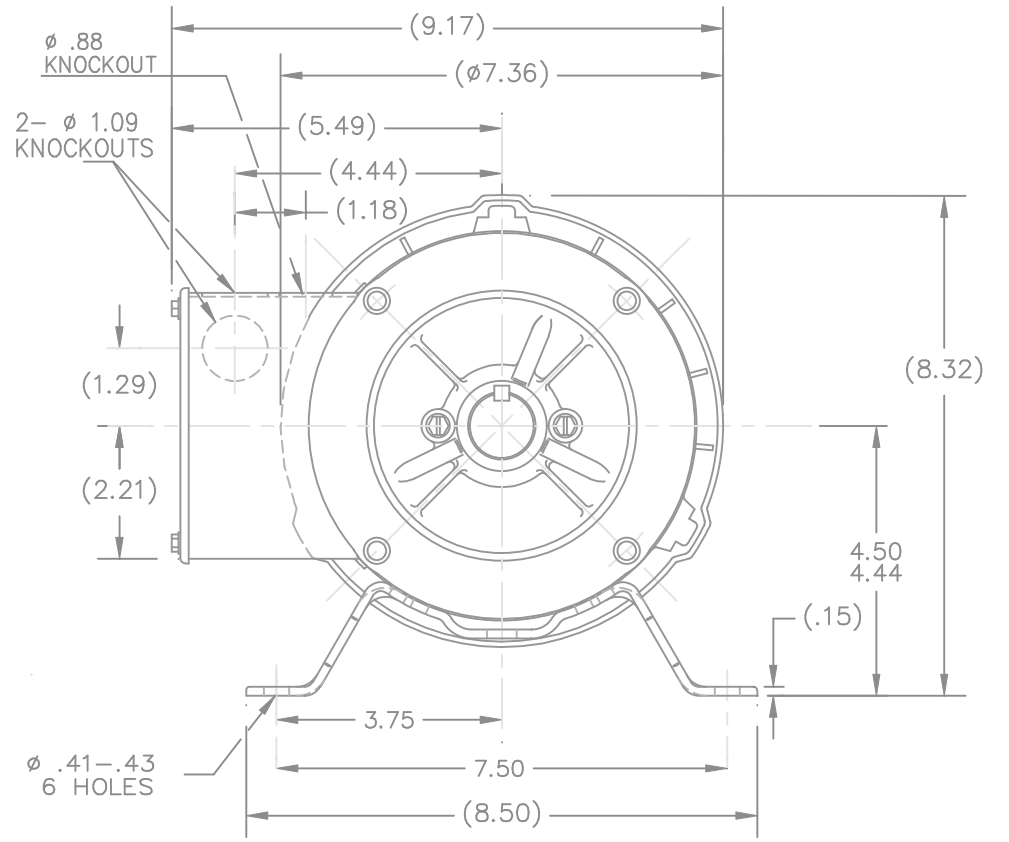
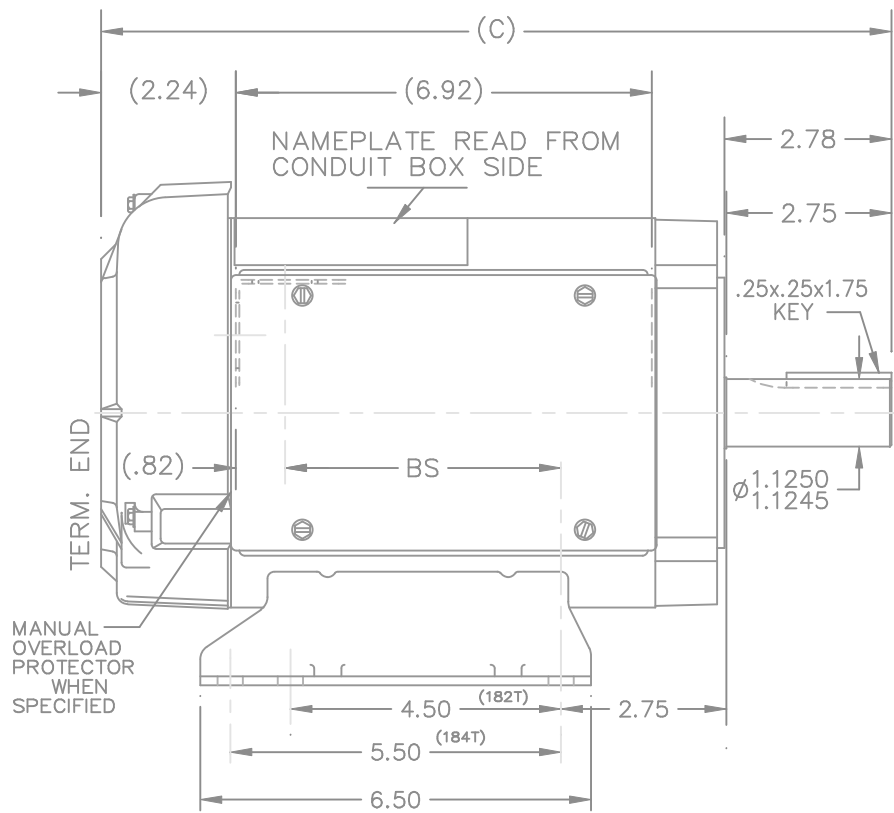


Nameplate Specifications

Output HP	3 Hp	Output KW	2.24 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	24.6/13.9-12.3 A	Speed	3520 rpm
Service Factor	1	Phases	1
Efficiency	81.5 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	L
KVA Code	H	Frame	182T
Enclosure	TEFC	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	43		

Technical Specifications

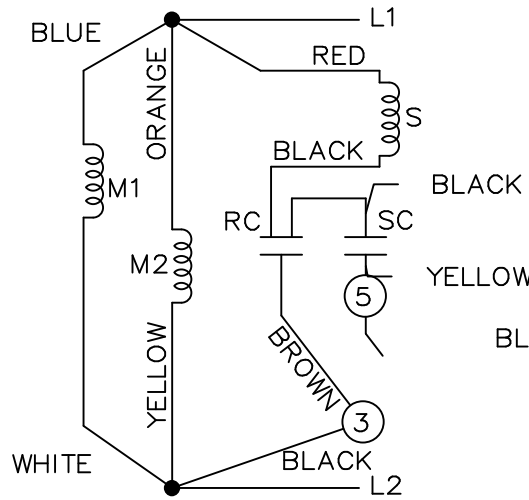
Electrical Type	CAP START CAP RUN	Starting Method	ACROSS THE LINE
Poles	2	Rotation	SELECTIVE CCW
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	T
Overall Length	16.15 in	Frame Length	10.06 in
Shaft Diameter	1.13 in	Shaft Extension	2.78 in
Assembly/Box Mounting	F1 ONLY		



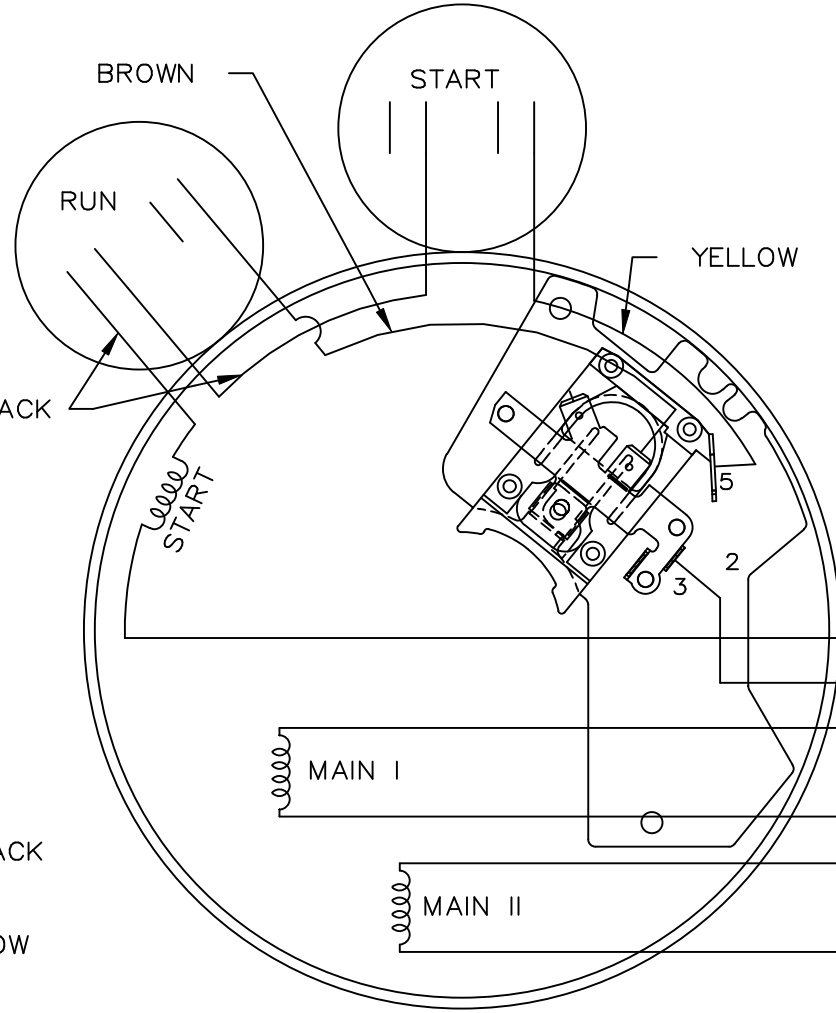
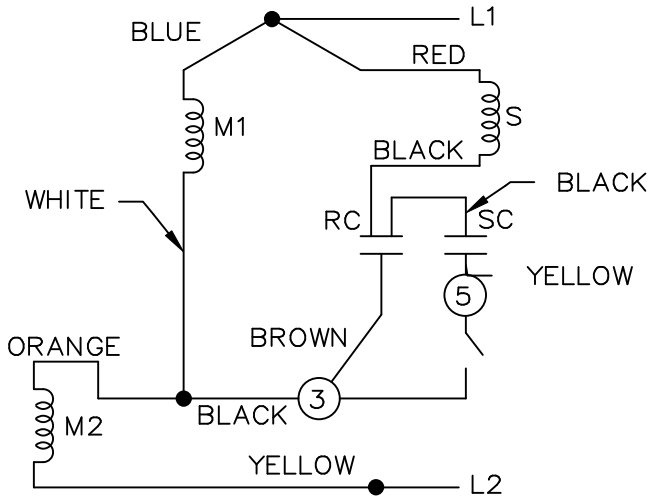
DASH	FR.	C	BS
856	180T	14.65	6.10
906	180T	15.15	6.60
956	180T	15.65	7.10
1006	180T	16.15	7.60

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN GK 04-14-1989			
				DEC.	INCHES		CHK			
				.X	±.1	TITLE OUTLINE 140 FR. - TEFC - 1ø (180T MTG.)	APPD			
				.XX	±.03		SCALE 5=16			
2	REVISED, ADDED NEW BASE		SMC 02-21-1992	.XXX	±.005	MAT'L.	REF			
1	NEW DRAWING 3577230		GK 04-14-1988	.XXXX	±.0005		FINISH	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"		PREV			
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				DIST	WP					

LOW VOLTAGE C.C.W.

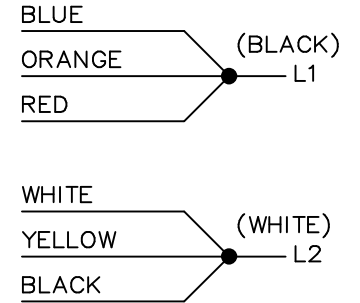


HIGH VOLTAGE C.C.W.

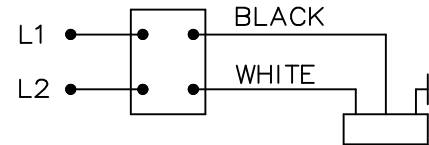
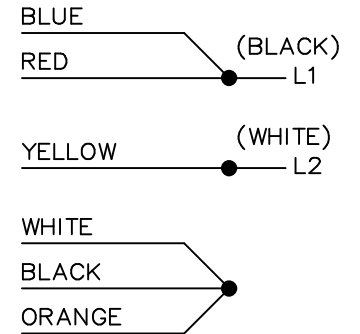


DUAL VOLTAGE CAPACITOR
START-CAP RUN NO OVERLOAD
SELECT ROTATION

LOW VOLTAGE C.C.W. ROTATION



HIGH VOLTAGE C.C.W. ROTATION



FOR C.W. ROTATION,
EITHER VOLTAGE,
INTERCHANGE RED WITH
BLACK LEAD

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN DT 06-07-1996
			DEC.	INCHES		CHK MRB 06-16-1996
			.X	±.1	TITLE CONNECTION DIAGRAM	APPD GK 06-16-1996
			.XX	±.02		SCALE 5=8
9	ADDED CORD AND SWITCH VIEW MU37521	DRS 06-22-2001	.XXX	±.005		REF
8	REDRAWN ON CADD	DT 06-16-1996	.XXXX	±.0005	MAT'L.	FMF
NO.	REVISION	BY & DATE	CHK	ANG ±7'30"	FINISH	PREV
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			DIST WP			DRAWING NO. 102006-51
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