PRODUCT INFORMATION PACKET

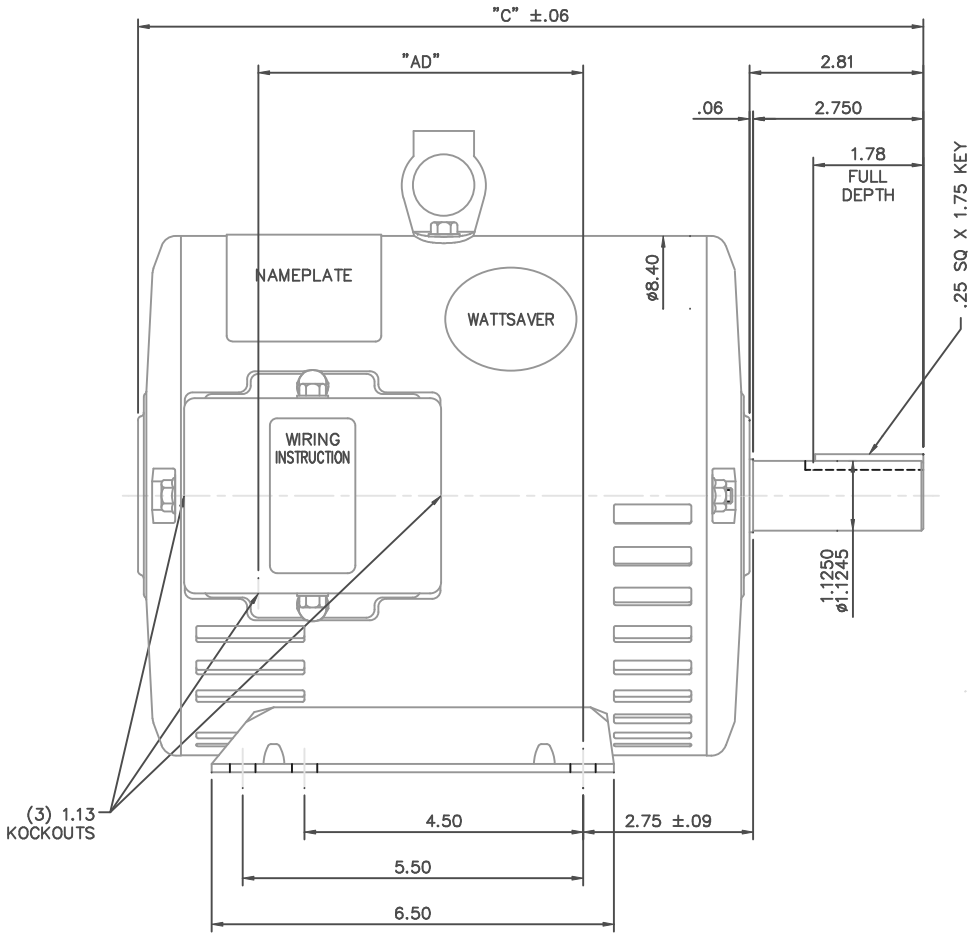
Model No: 182TTDR6001
Catalog No: U248
General Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM, 182T Frame, DP

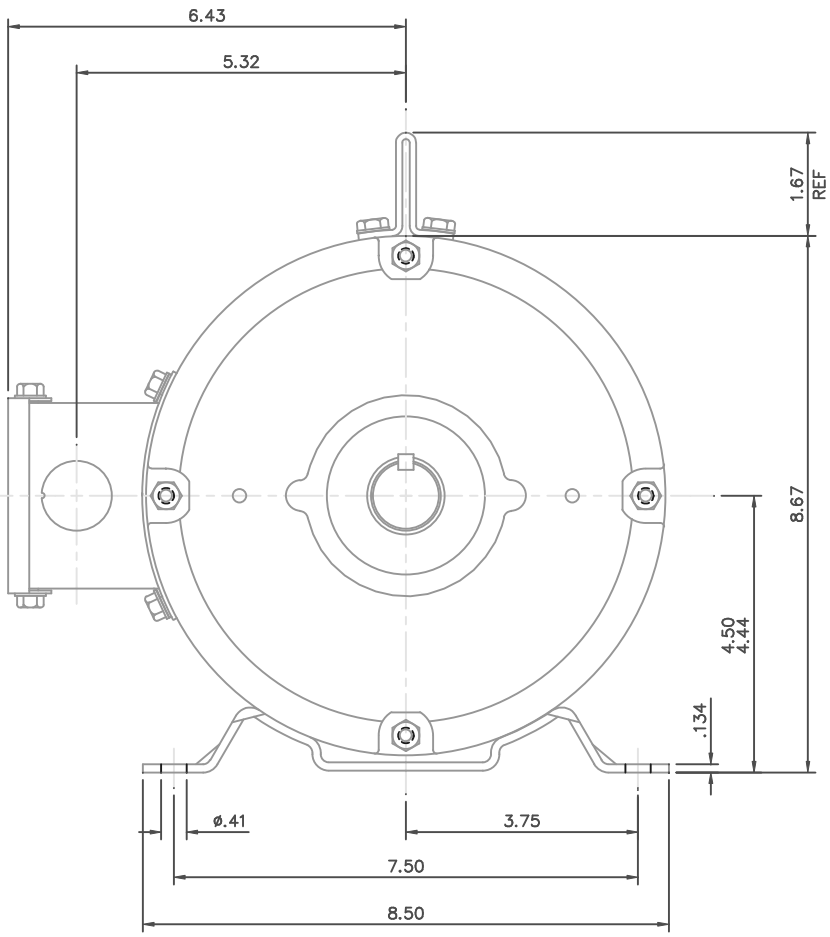
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	3515 & 2850 rpm	Service Factor	1.15 & 1.0
Frame	182T	Enclosure	Drip Proof
Thermal Protection	Thermostat	Efficiency	86.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13.0-12.0/6.0 & 13.0-12.0/6.0 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	1.98 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	15.19 in
Frame Length	11.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035455ME-1100	Connection Drawing	005010.20ME





GASKETS THROUGHOUT

DASH NO.	"C"	"AD"
850	12.69	5.25
900	13.19	5.75
950	13.69	6.25
1000	14.19	6.75
1050	14.69	7.25
1100	15.19	7.75
1150	15.69	8.25
1200	16.19	8.75

NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

MARATHON ELECTRIC

TITLE: OUTLINE – 180T FRAME DRIP PROOF – RIGID

MAT'L.

FINISH

CAD FILE: 035455ME

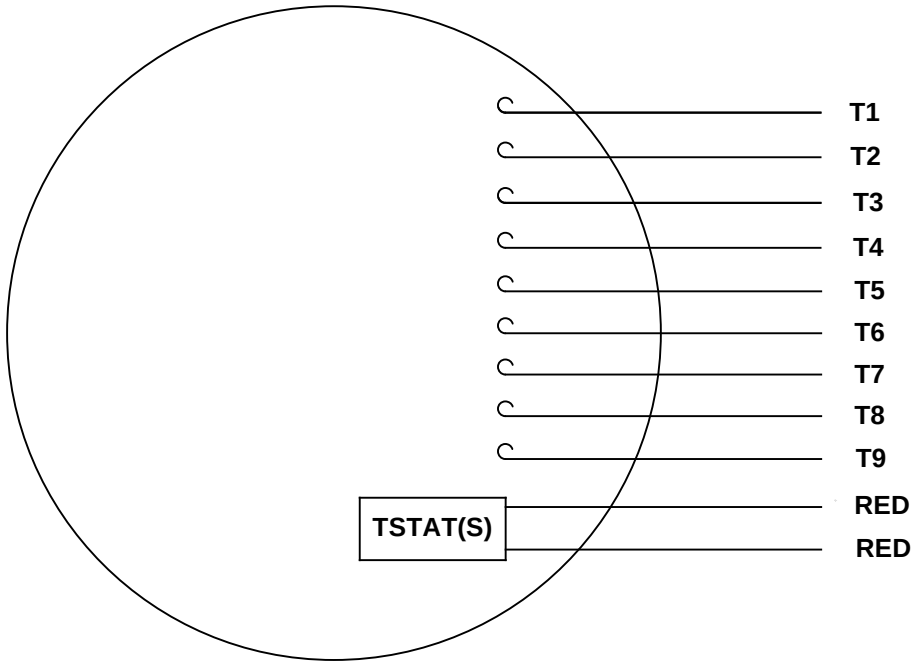
RFP 1/9/06

DIST NLV

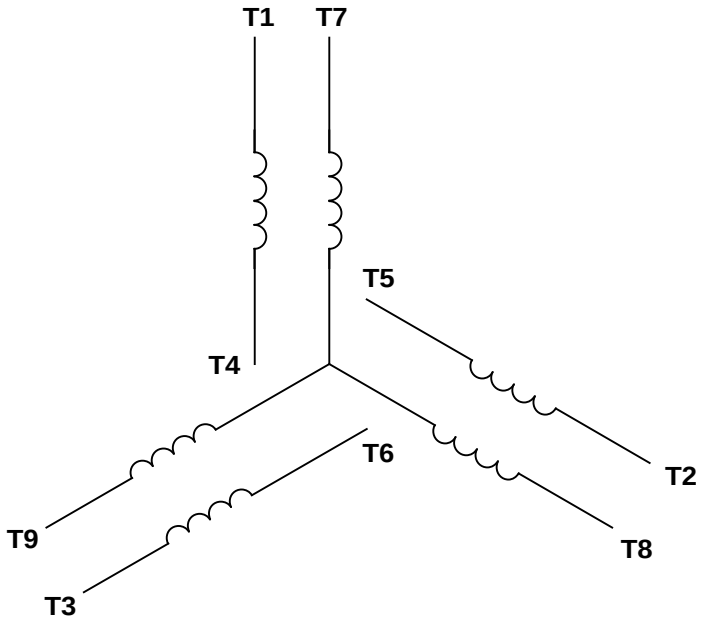
DRAWN	RDW 1/9/06
CHK	
APPD	KH 1/9/06
SCALE	1=2
REF	035351
FMF	
PREV	

SIZE B | DRAWING NO. 035455ME | REV.

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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

NO	REVISION	BY & DATE	CHK
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11	

TOLERANCES UNLESS SPECIFIED
DEC INCHES
.X ±.1
.XX ±.01
.XXX ±.005
.XXXX ±.0005
ANG ±1/2°

THIRD ANGLE PROJECTION

MARATHON ELECTRIC

DRAWN RDW 04/13/04
CHK
APPR
TITLE EXTERNAL WIRING DIAGRAM
3 PHASE
SCALE 1:1
REF
MAT'L DECAL - 004014 (TSTAT) - 080582
FMF 129027
FINISH
PAGE OF
RFP
PREV
NETWORK FILE NAME 00501020ME
SIZE A
DRAWING NO 005010-20ME
REV --

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