

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 182TTDW7411
Catalog No: Y467A
2,1800/900,DP,182T,3/60/460
Other Purpose



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REGAL[®]



Nameplate Specifications

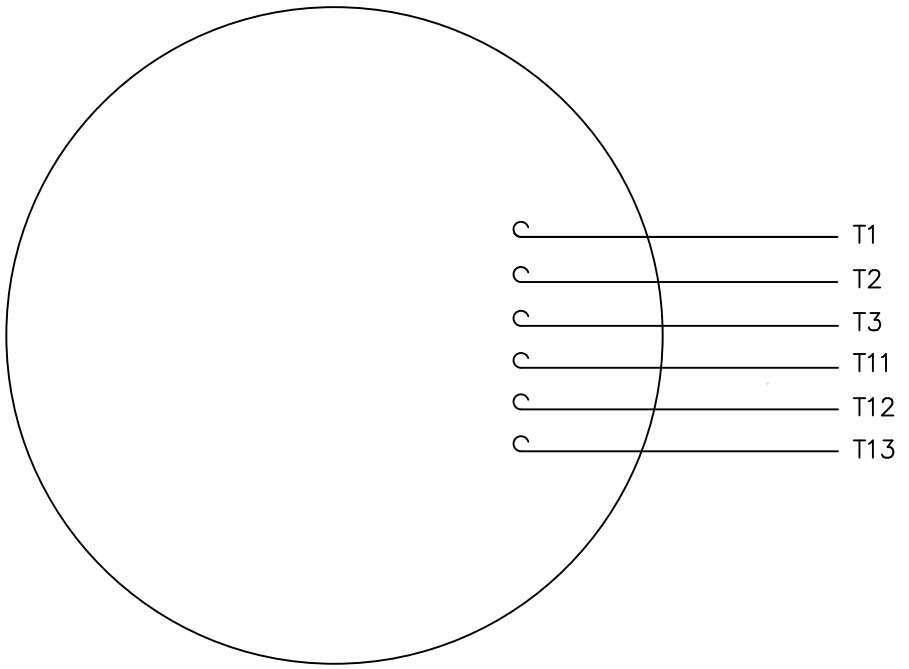
Output HP	2,0.50 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	460 V
Current	2.8,2.15 A	Speed	1765,885 rpm
Service Factor	1.15	Phase	3
Efficiency	82 %	Duty	Continous
Insulation Class	F	Design Code	2VT
KVA Code	K	Frame	182T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

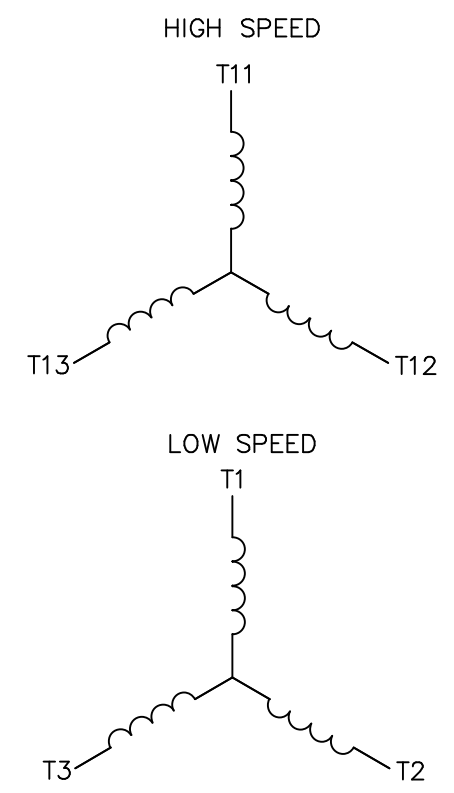
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4//8	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	13.69 in	Frame Length	9.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.81 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	035539-950	Connection Diagram	005046.01ME

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



	L1	L2	L3
HIGH SPEED	T11	T12	T13
LOW SPEED	T1	T2	T3

			TOLERANCES UNLESS SPECIFIED	
			DEC.	INCHES
			.X	±.1
			.XX	±.01
			.XXX	±.005
			.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK	ANG ±1/2°



TITLE: EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR
 MAT'L. DECAL - 004040 - 2 WDG./2 SPEED 1Y-1Y
 FINISH: MARATHON

DRAWN	SW 06/19/02
CHK	MN 06/19/02
APPD	
SCALE	1=1
REF	
FMF	
PREV	

THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT		RFP	CAD FILE	00504601ME	SIZE	DRAWING NO.	REV.
		DIST			A	005046-01ME	

CERTIFICATION DATA SHEET

Model#: 182TTDW7411 AA **WINDING#:** T8(4-8)23 NONE 2
CONN. DIAGRAM: 005046.01ME **ASSEMBLY:** F1 ONLY
OUTLINE: 035539-950

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
2&1/2	1.49&.37	900	1765&885	182T	DP	K	2VT

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/60	460	2.8&2.15	ACROSS THE LINE	CONTINUOUS	F4	1.15/1.15	40	3300

FULL LOAD EFF: 82&53.8	3/4 LOAD EFF: 49	1/2 LOAD EFF: 39.4	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 81&40.5	3/4 LOAD PF: 34.9	1/2 LOAD PF: 28.9	0	SQ CAGE IND RUN	-

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
47.5 LB-FT	-	- LB-FT -	- LB-FT -	36

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 LB-FT^2	0 LB-FT^2	10 SEC.	0	0 LBS.

***** SUPPLEMENTAL INFORMATION *****

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

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

THERMO-PROTECTORS				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: 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

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DATE: 06/27/2017 01:58:02 AM
FORM 3531 REV.3 02/07/99

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