

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 184TTDR4034

Catalog No: E108

Close-Coupled Pump Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,
184JM Frame, DP

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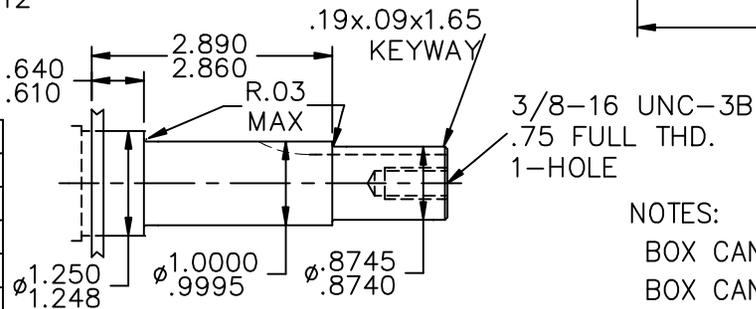
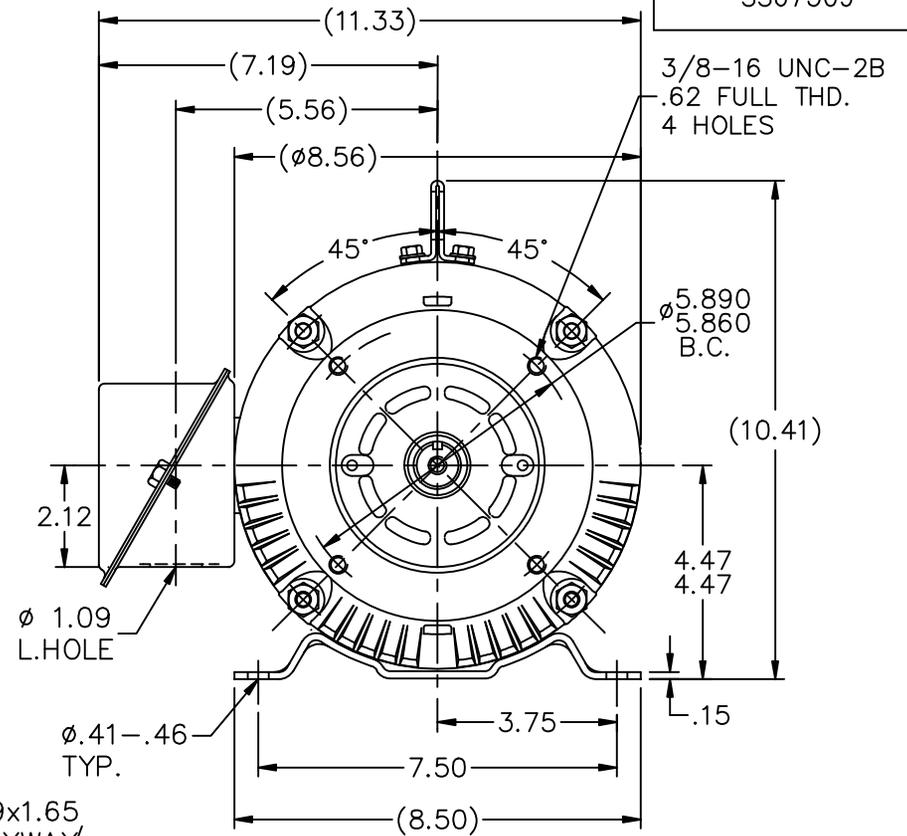
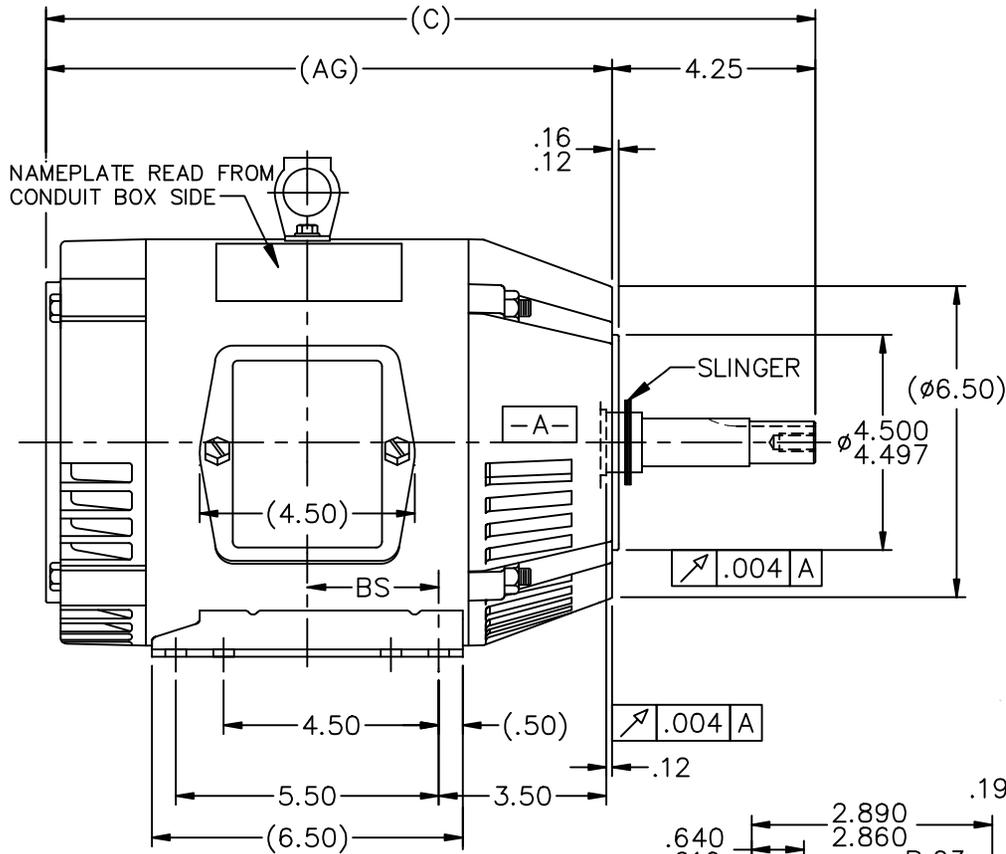
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	1745 & 1455 rpm	Service Factor	1.15 & 1.15
Frame	184JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	87.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13.2/6.6 & 10.4/5.2 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6307	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 Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	3.2 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	16.59 in
Frame Length	7.25 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308	Outline Drawing	A-SS67309-725

SS67309



DETAIL OF SHAFT EXT.

NOTES:

- BOX CAN BE ROTATED IN 90° STEPS.
- BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°

DASH	FR	AG	C	BS	MOUNTING
575	182T	10.84	15.09	2.25	F1 OR F2
625	182T	11.34	15.59	2.50	F1 ONLY
675	182/4T	11.84	16.09	2.75	F1 OR F2
725	182/4T	12.34	16.59	3.00	F1 ONLY
775	182/4T	12.84	17.09	3.25	F1 ONLY
825	182/4T	13.34	17.59	3.50	F1 ONLY
875	182/4T	13.84	18.09	3.75	F1 ONLY

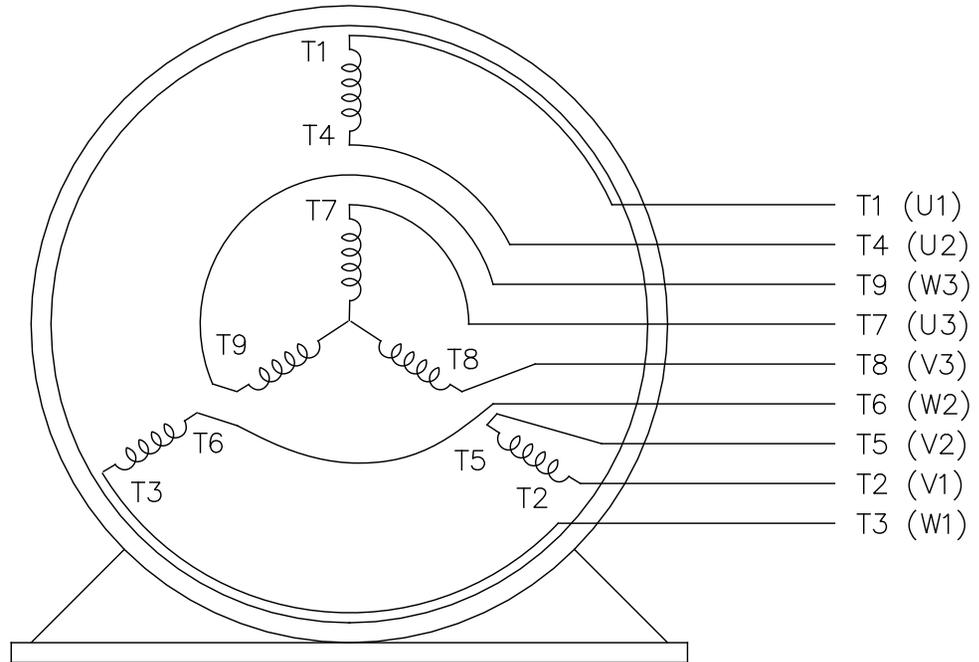
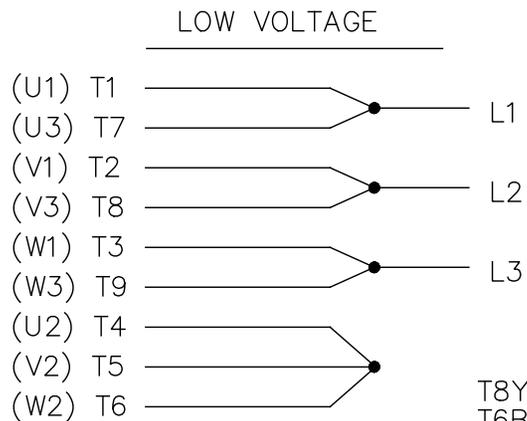
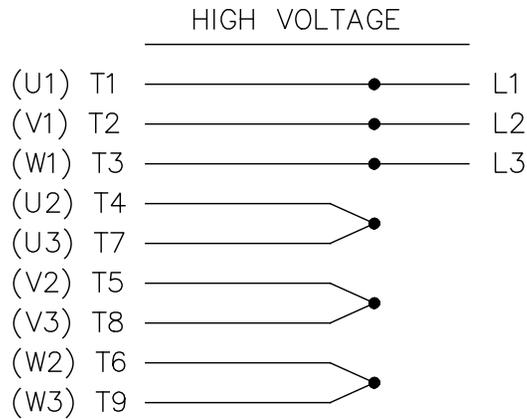
NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
11	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.X	±.1
10	ADDED LIFT LUG CN 34025	NJS 07-20-2001	.XX	±.03	
9	ADDED FRAME SIZE TO -825 & -875 CN 27400-320	CAE 11-03-1999	.XXX	±.005	
8	REVISED DASH TABLE CN 27451	MRB 05-11-1999	.XXXX	±.0005	
			ANG	±7'30"	

	DRAWN DJK 04-26-1993
	CHK ML 07-22-1993
TITLE OUTLINE - JM EXT. 180 FR. - BB - TS - DR.PR. - C' FACE	APPD GK 07-22-1993
	SCALE 1=4
MAT'L.	REF
FINISH	FMF
	PREV
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EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02			SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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							DIST WP					



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