

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 145TTTC4027

Catalog No: E846

General Purpose Motor, 2 & 1.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,
145T Frame, TENV



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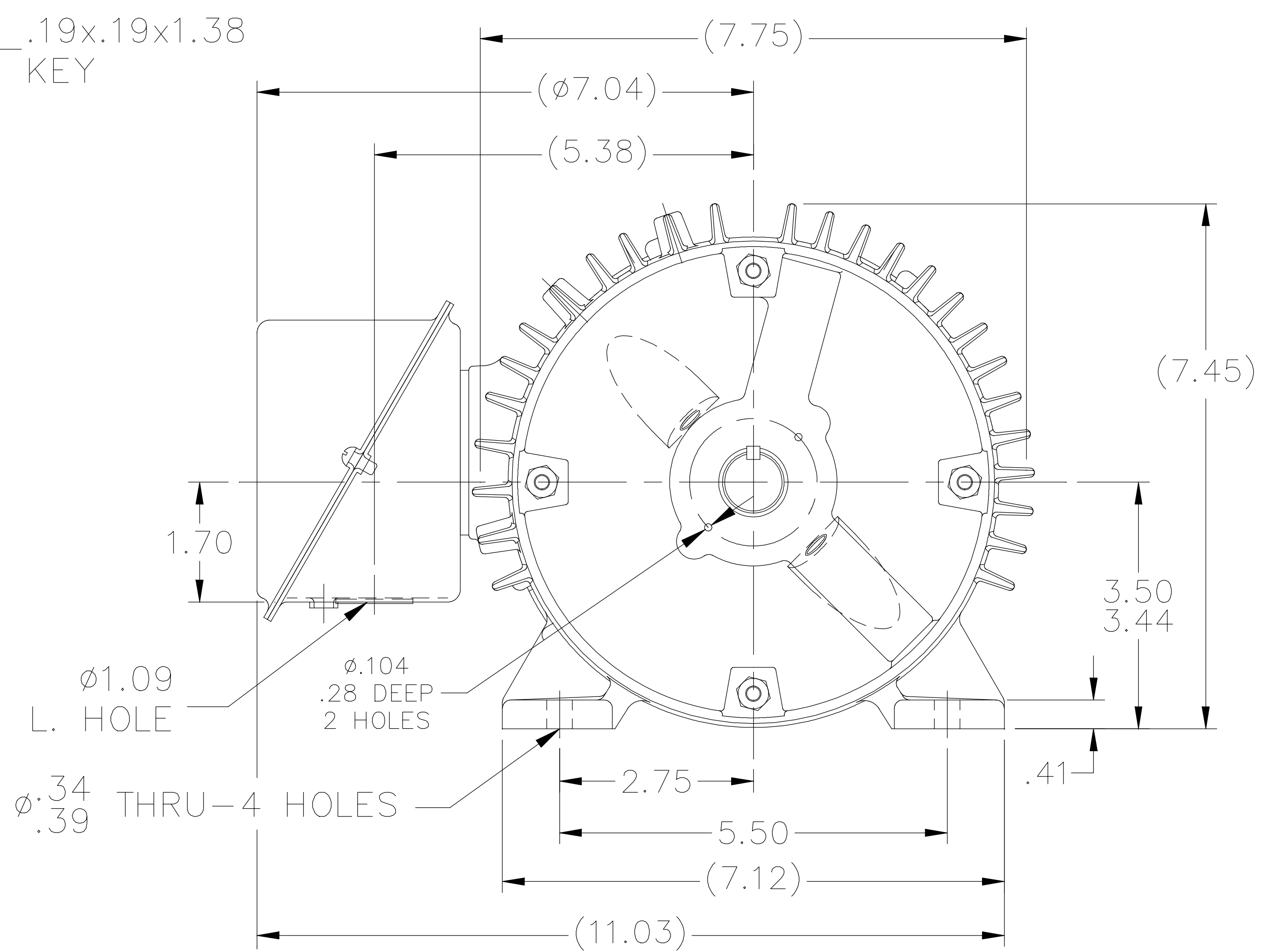
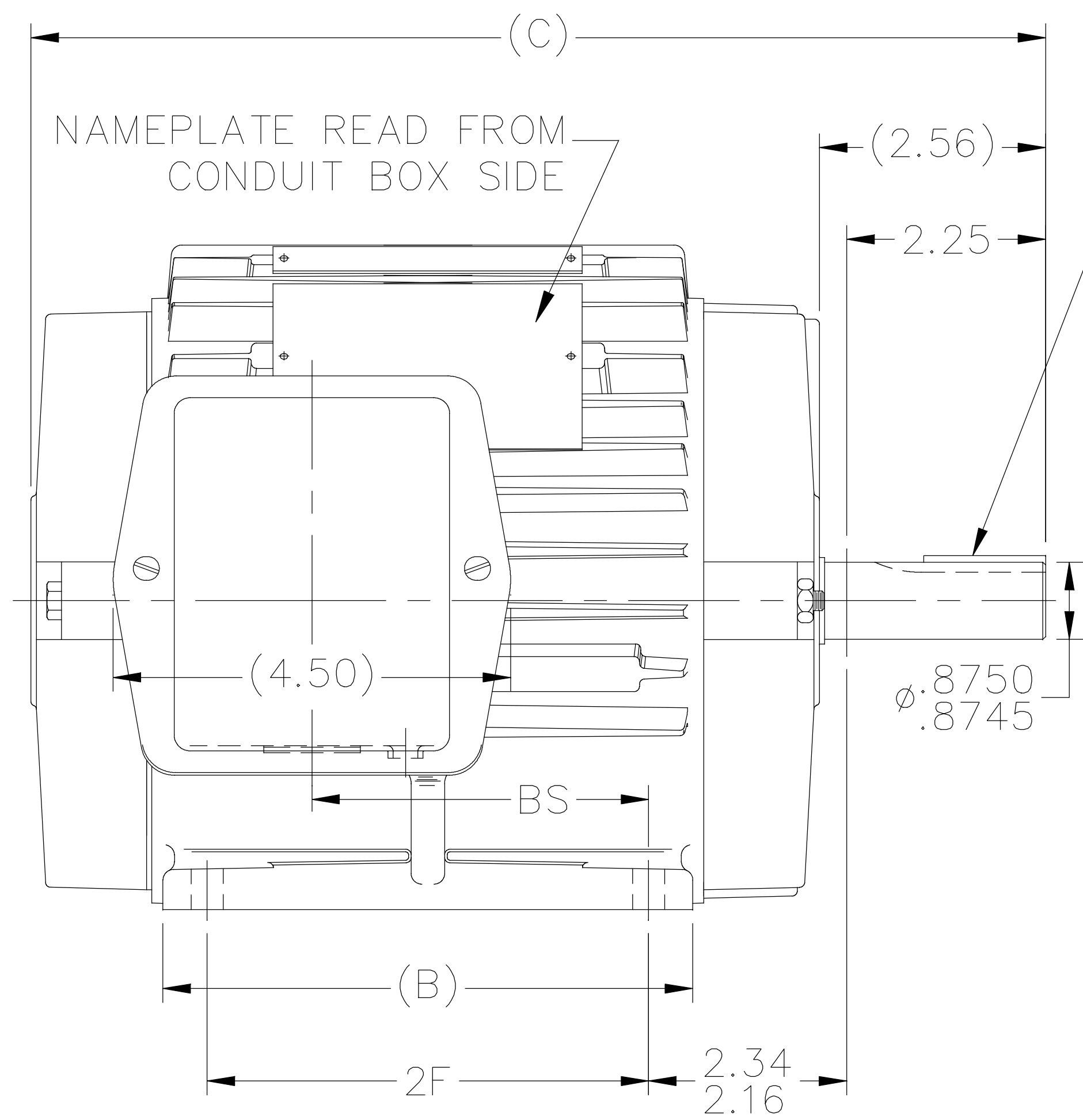
Nameplate Specifications

Phase	3	Output HP	2 & 1.50 Hp
Output KW	1.5 & 1.1 kW	Voltage	230/460 & 190/380 V
Speed	1735 & 1460 rpm	Service Factor	1.15 & 1.15
Frame	145T	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	84 & 85 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	5.6/2.8 & 5.2/2.6 A	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	M
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

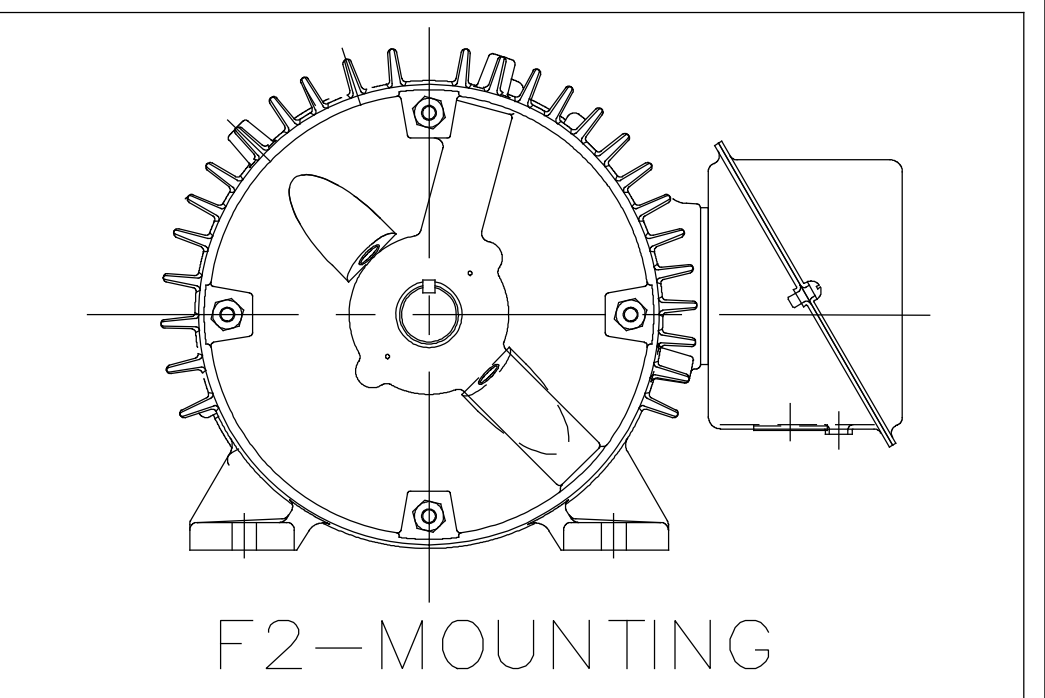
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	7.1 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	11.43 in
Frame Length	6.25 in	Shaft Diameter	0.875 in
Shaft Extension	2.56 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7308	Outline Drawing	A-100655-625

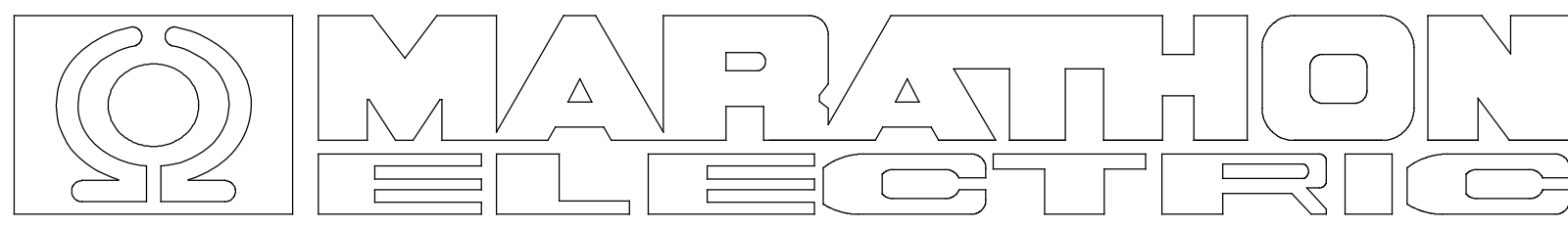
100655



- NOTES:
- 1- BOX CAN BE ROTATED IN 90° STEPS.
 - 2- BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 - 3- FRONT GREASE HOLE LOCATIONS SHOWN WITH HIDDEN LINES.



DASH	FR.	B	C	BS	2F
525	143T	5.00	10.43	2.81	4.00
625	145T	6.00	11.43	3.81	5.00

11	ADDED DIA .104 HOLES ON DRAWING	UD 09/06/2018		TOLERANCES UNLESS SPECIFIED			DRAWN RM 10-27-1992				
10	ADDED F2-MOUNTING	PST 05/05/2014	SM	DEC.	INCHES		CHK	ML	10-28-1992		
9	CORRECTED FOOT MOUNTING DIMENSIONS	DRS 10-13-2005		.X	±.1		APPD	GK	10-28-1992		
8	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML	.XX	±.03		SCALE 11=32				
7	BA TOLERANCE CHANGED TO ±.090 CN 27601	CAE 03-12-1999		.XXX	±.005	REF					
6	REV. -525 BS DIM. TO 2.81, WAS 3.51 CN 25600-161	BLR 04-22-1998		.XXXX	±.0005	TITLE OUTLINE 140T FR. - BB - TS - TENV				FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	MAT'L.				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 100655			SIZE A	DRAWING NO. 100655	PAGE OF 1110	REV.
			DIST LB-WP								



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	DEC.	INCHES	DRAWN RM	11/20/1990
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			REF	
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005			FINISH	
					±7'30"			PREV	
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