

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 254TTDX4027

Catalog No: U413

General Purpose Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,
254T Frame, DP



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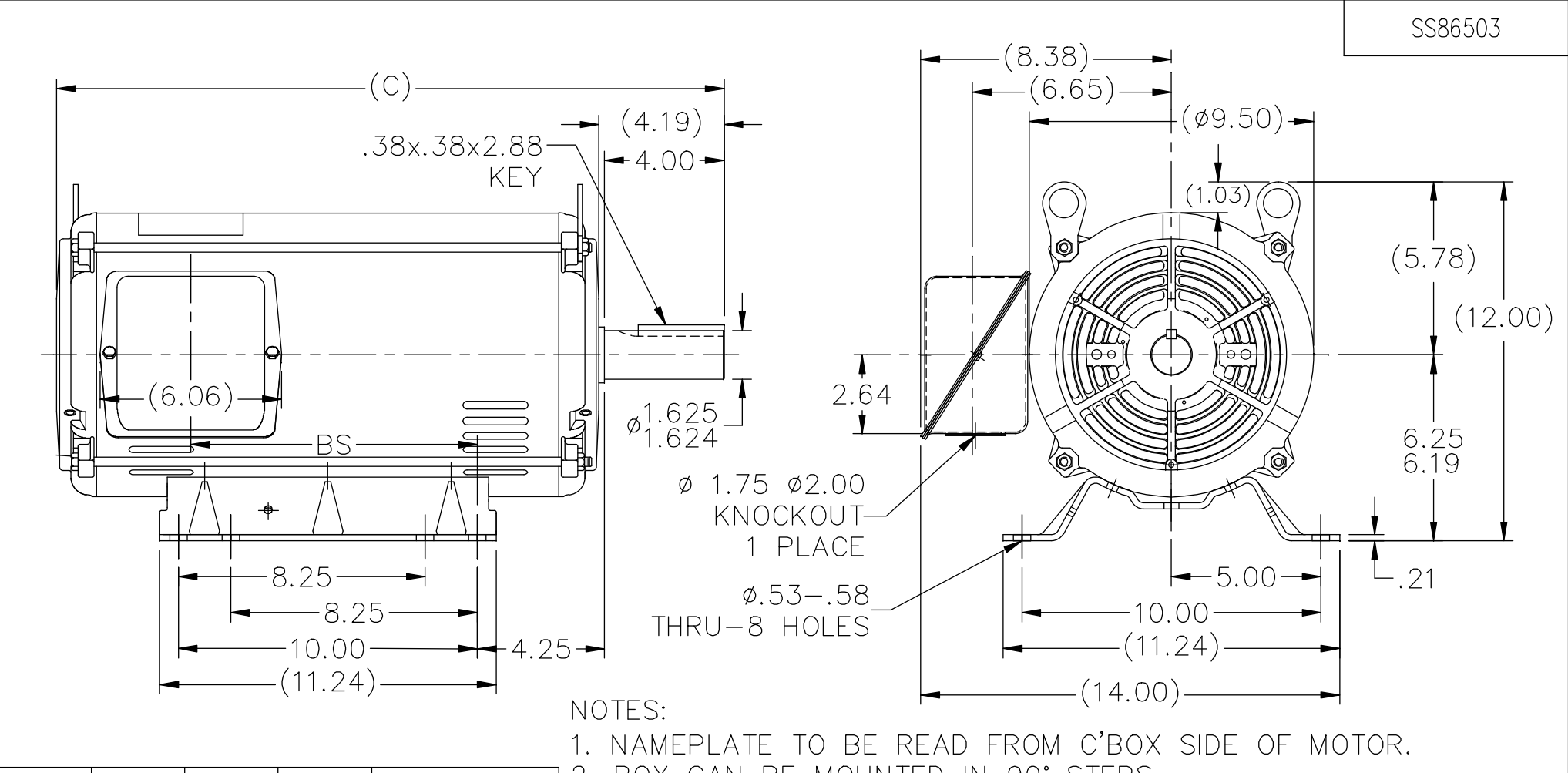
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1760 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	254T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91 & 92 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	42-38.5/19.2 & 32/16 A	Power Factor	80.2
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

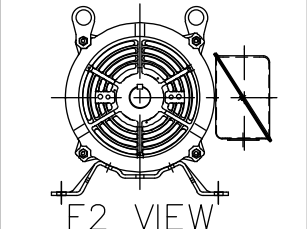
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.62 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	22.32 in
Frame Length	15.45 in	Shaft Diameter	1.625 in
Shaft Extension	4.19 in	Assembly/Box Mounting	F2/F1 CAPABLE
Outline Drawing	A-SS86503-1545	Connection Drawing	A-EE7308

SS86503




NOTES:

1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)
4. F2 MOUNT —USES 2ND HOLE ON 1370 FRAME.



F2 VIEW

8	ADDED F2 VIEW	UD 11/13/13	GR	TOLERANCES UNLESS SPECIFIED			DRAWN SMC 04-22-1993			
7	UPDATED DRAWING	TJW 04/27/2007		DEC.	INCHES		CHK MOL 04-23-1993			
6	REDRAWN IN AUTOCAD	TAT 05-19-2005	ML	.X	±.1		APPD DRN 09-13-1993			
5	UPDATED CONDUIT BOX CN 28427	TJB 01-31-2000		.XX	±.03		SCALE 1=5			
4	ADDED NOTE #4 FOR F2 MOUNT CN 24000-581	MH 06-10-1997		.XXX	±.005	TITLE OUTLINE 250 FR. - BB - DR.PR.			REF	
3	DASH 1545 WAS FOR 256T FR. ONLY CN 18683	KL 09-12-1994		.XXXX	±.0005	MAT'L.			FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH			PREV	
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NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		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		REF	
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		FMF	
					±7'30"		PREV	
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