

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 256TTDX7009

Catalog No: M125

Other Purpose Motor, 25 & 20 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
256JP Frame, DP

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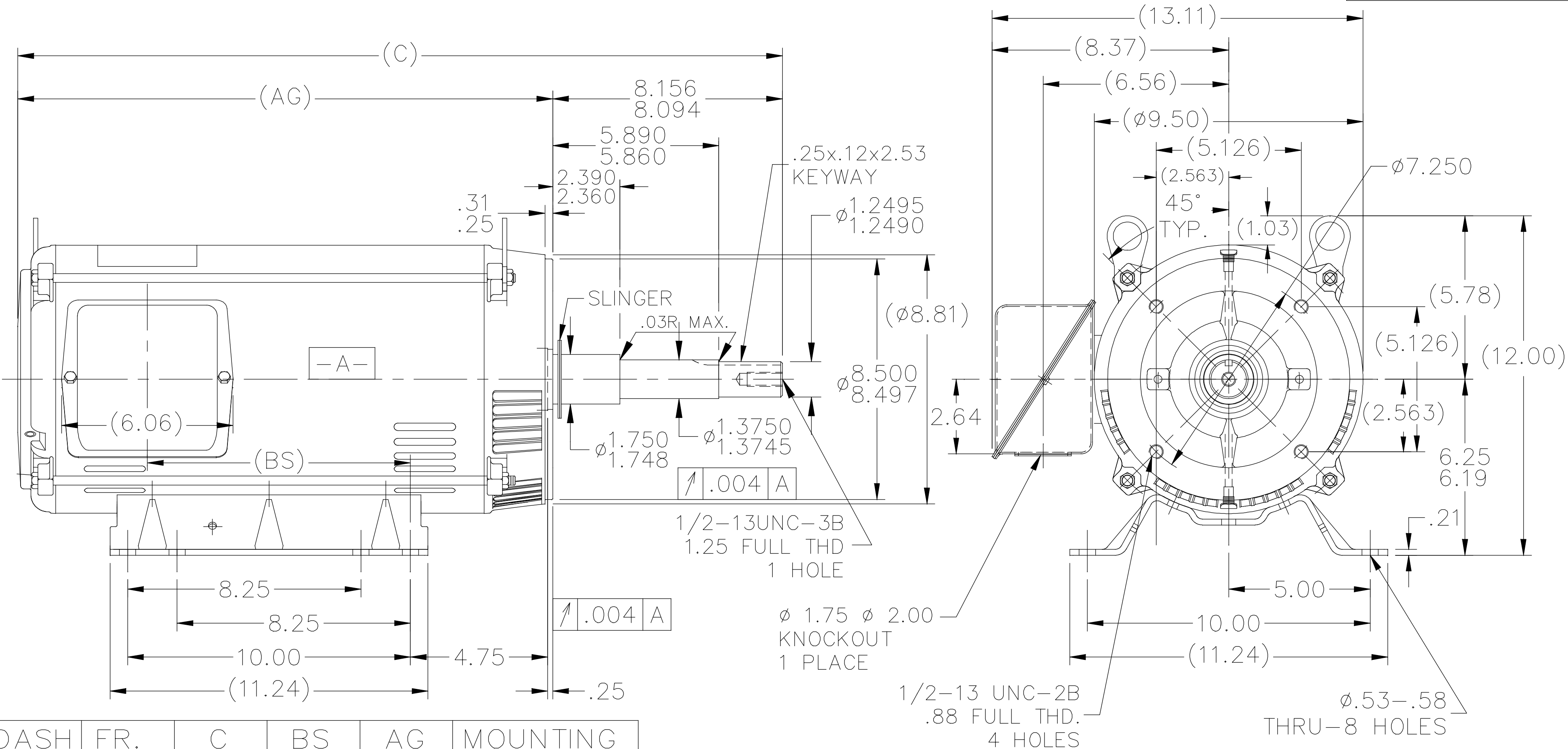
Nameplate Specifications

Phase	3	Output HP	25 & 20 Hp
Output KW	18.7 & 14.9 kW	Voltage	208-230/460 & 190/380 V
Speed	3515 & 2925 rpm	Service Factor	1.15 & 1.0
Frame	256JP	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	89.5 & 89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	66-61/30.5 & 59/29.5 A	Power Factor	84.9
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

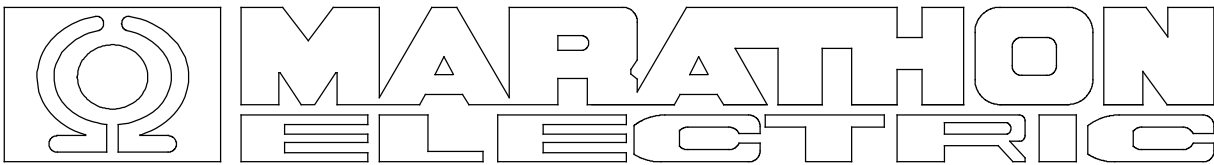
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.42 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	27.04 in
Frame Length	15.15 in	Shaft Diameter	1.250 in
Shaft Extension	8.15 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	A-SS86519-1515

SS86519



DASH	FR.	C	BS	AG	MOUNTING
1545	256JP	27.34	9.43	19.22	F1 OR F2
1340	254JP	25.29	7.68	17.17	F1 OR F2
1515	254/256JP	27.04	9.43	18.92	F1 OR F2

- 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.)

7	ADDED 1545 PER NMR-0186853	SD 11/26/2019	AB	TOLERANCES UNLESS SPECIFIED		DRAWN DJK 10-19-1993			
6	UPDATED DRAWING	TJW 04/27/2007		DEC. INCHES		CHK ML 10-22-1993			
5	REDRAWN IN AUTOCAD	TAT 07-13-2004	ML	.X $\pm .1$		APPD DRN 10-22-1993			
4	ADD'D TOLERANCE TO THIRD STEP OF SHAFT CN 28604	NJS 02-28-2000		.XX $\pm .03$	TITLE OUTLINE 250JP FR.-BB-TS-DR.PR.-'C' FACE	SCALE 3=16			
3	UPDATED CONDUIT BOX CN 28427	TJB 01-31-2000		.XXX $\pm .005$		REF			
2	-1515 WAS FOR 256JP FR. ONLY CN 18683	KL 10-11-1994		.XXXX $\pm .0005$	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG $\pm 7'30''$	FINISH	PREV			
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			DIST LB						



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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