

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 215TTDW7024

Catalog No: M120

Close-Coupled Pump Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
215JP Frame, DP

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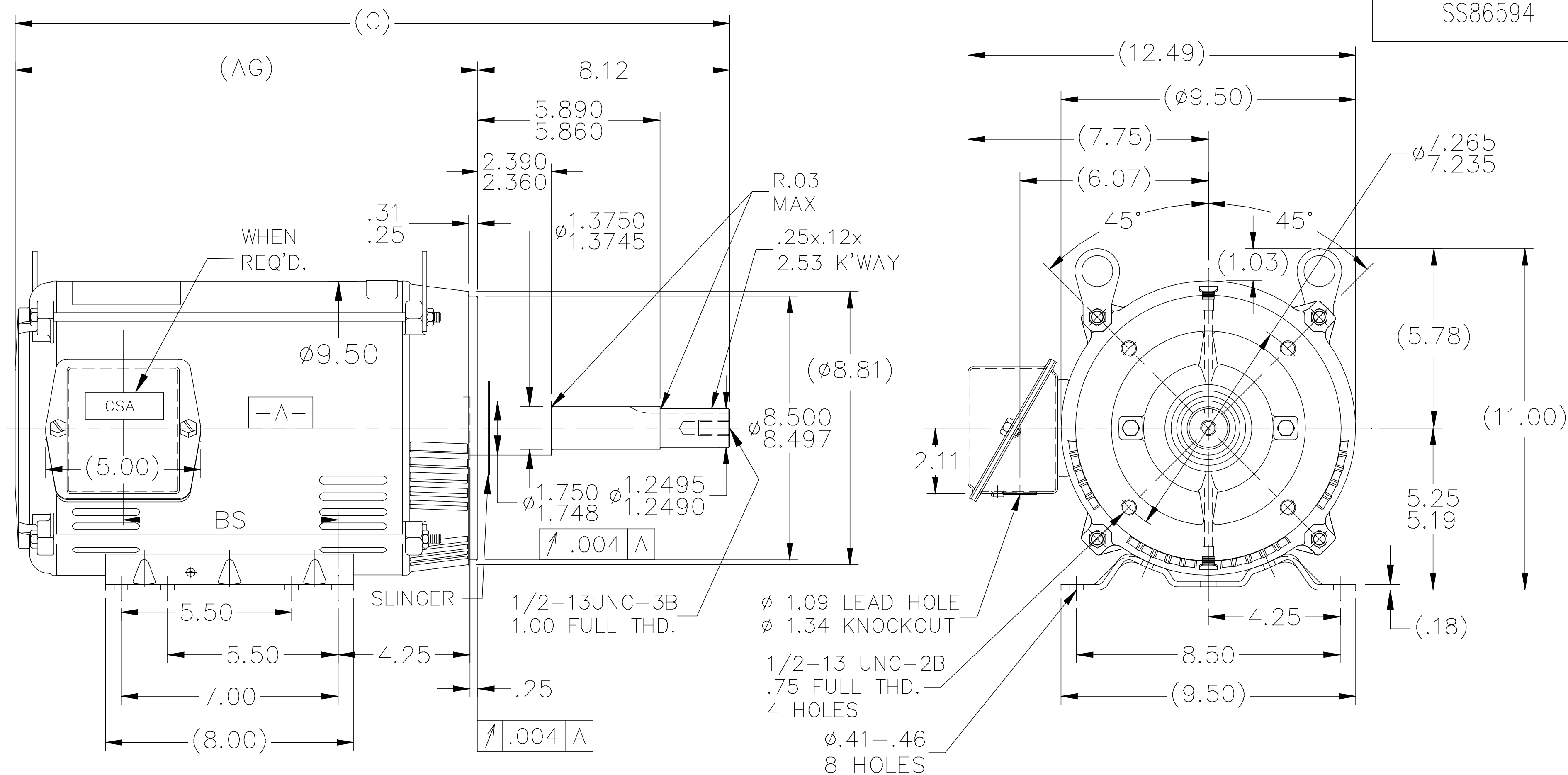
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	208-230/460 & 190/380 V
Speed	3480 & 2910 rpm	Service Factor	1.15 & 1.15
Frame	215JP	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	86.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	42-38/19 & 32/16 A	Power Factor	86
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	1.15 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	23.03 in
Frame Length	11.15 in	Shaft Diameter	1.250 in
Shaft Extension	8.15 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS86594-1115	Connection Drawing	A-EE7308

SS86594



DASH	FR.	C	AG	BS	MOUNTING
965	213JP	21.53	13.41	5.43	
1115	213/15JP	23.03	14.91	6.93	
1240	213/15JP	24.28	16.16	8.18	F1 ONLY

- NOTES:
- NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
 - BOX CAN BE MOUNTED IN 90° STEPS.
 - BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED)

NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	MAT'L.	TITLE OUTLINE	SCALE	1=5	REF	FMF	PREV
6	TITLE BLOCK LOGO CHANGE PER ECO-0078542	MDV 06/09/2015											
5	WHEN REQ'D NOTE ADDED PER ECO-0043948	UD 01/20/14	GR	DEC.	INCHES								
4	UPDATED DRAWING	TJW 04/27/2007		.X	±.1								
3	REDRAWN IN AUTOCAD	TAT 07-13-2004	ML	.XX	±.03								
2	UPDATED C'BOX GEOMETRY	CN 28425 DRS 01-31-2000		.XXX	±.005								
1	NEW DRAWING - DES/DEV	DA 04-02-1996		.XXXX	±.0005								
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						DIST LB		A	SS86594			6	



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		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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