PRODUCT INFORMATION PACKET

Model No: 213TTDW4047
Catalog No: E110
Close-Coupled Pump Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 213JM Frame, DP

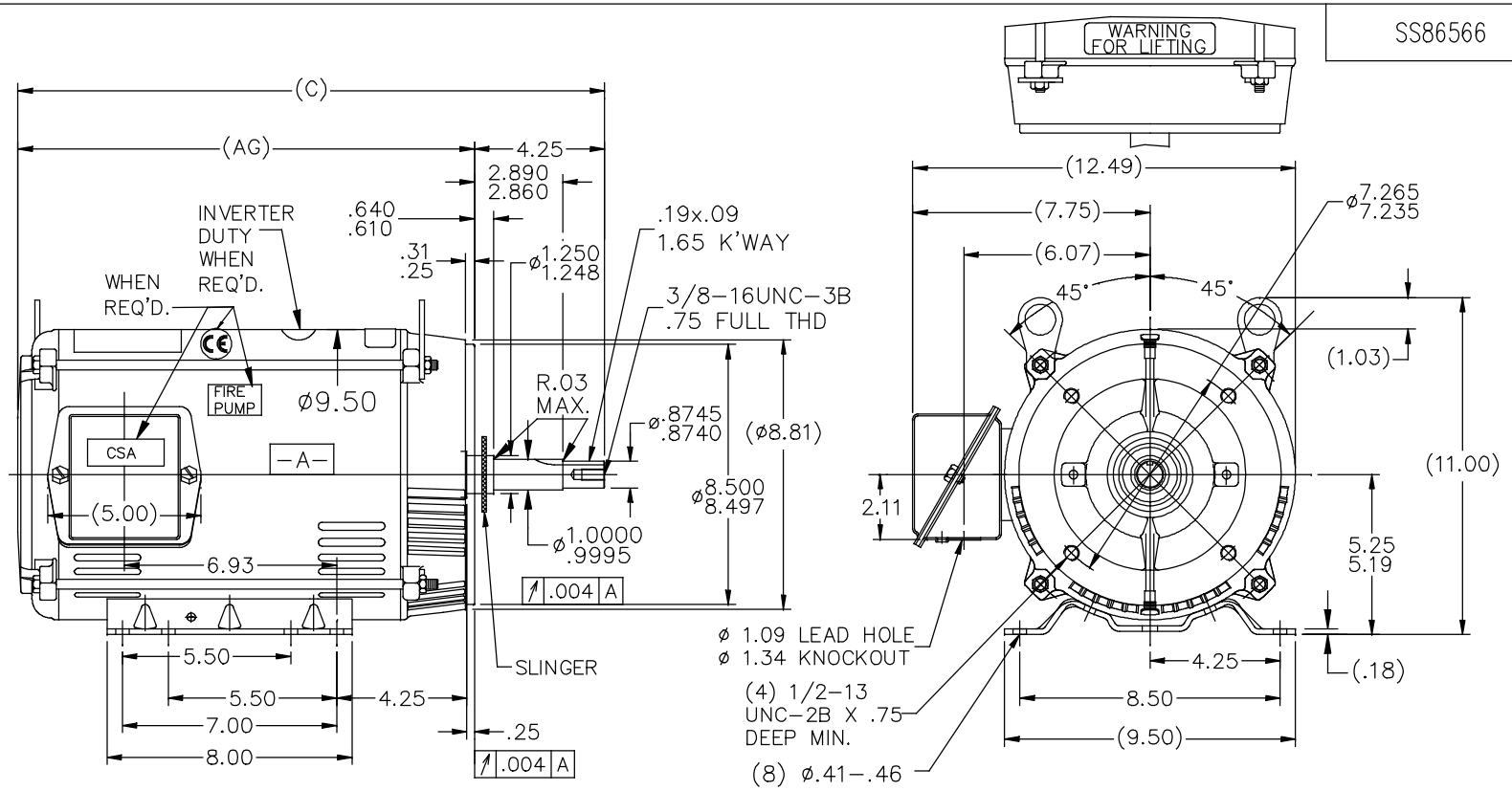
Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1760 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	213JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	88.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	19.2/9.6 & 16/8 A	Power Factor	82
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	H
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	4	Rotation	Reversible
Resistance Main	1.6 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	19.16 in
Frame Length	11.15 in	Shaft Diameter	0.875 in
Shaft Extension	4.25 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	A-SS86566-1115	Connection Drawing	A-EE7308

SS86566



DASH	FR.	C	AG	BS	MOUNTING
965	213JM	17.66	13.41	5.43	
1115	213/15JM	19.16	14.91	6.93	
1240	213/15JM	20.41	16.16	8.18	F1 ONLY

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)

NO.	REVISION	BY & DATE
8	ADDED INVERTER LOGO	MVG 01/24/2018
7	TITLE BLOCK LOGO CHANGE PER ECO–0078542	MDV 06/09/2015
6	ø.8745/.8740 WAS ø.8750/.8745 ECN #21254	WGJ 08/03/2011
5	UPDATED DRAWING	TJW 04/27/2007
4	REDRAWN IN AUTOCAD	TAT 07–06–2004
3	UPDATED C' BOX GEOMETRY CN 28425	DRS 04–16–2001

MVG	TOLERANCES UNLESS SPECIFIED	
	DEC.	INCHES
EMH	.X	±.1
	.XX	±.03
ML	.XXX	±.005
	.XXXX	±.0005
CHK	ANG	±7'30"

Regal Beloit America, Inc.

TITLE OUTLINE
210JM FR.–BB–TS–DR.PR.–C' FACE

MAT'L.
FINISH
CAD FILE ss86566
RFP
DIST LB

DRAWN	KL 12–23–1994
CHK	ML 12–23–1994
APPD	DRN 12–23–1994
SCALE	1=5
REF	
FMF	
PREV	

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EE7308

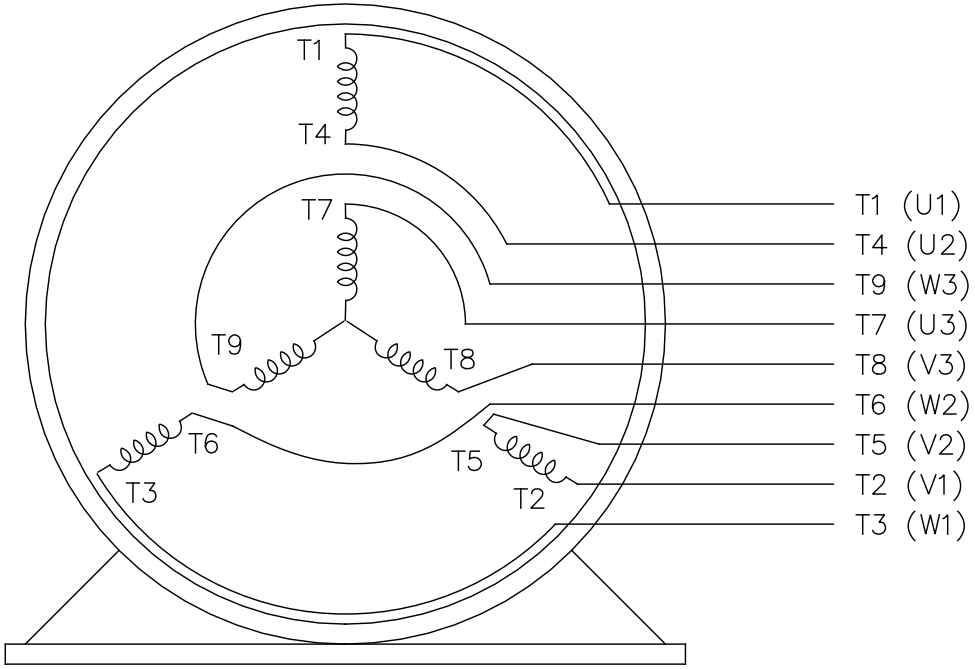
THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE

(U1) T1 — L1
(V1) T2 — L2
(W1) T3 — L3
(U2) T4
(U3) T7
(V2) T5
(V3) T8
(W2) T6
(W3) T9

LOW VOLTAGE

(U1) T1
(U3) T7 — L1
(V1) T2
(V3) T8 — L2
(W1) T3
(W3) T9 — L3
(U2) T4
(V2) T5
(W2) T6



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
5	CHG TO REGAL LOGO	SL 09/10/2015	AB
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS
1	REDRAWN	RM 11/20/1990	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Regal Beloit America, Inc.

TITLE CONNECTION DIAGRAM
3ø – DUAL VOLTAGE MOTOR

MAT'L.
FINISH
CAD FILE ee7308
RFP
DIST WP

DRAWN RM	11/20/1990
CHK ML	11/21/1990
APPD SAS	04/24/2003
SCALE	1=1
REF	
FMF	
PREV	

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