PRODUCT INFORMATION PACKET

Model No: 213TTDW14084
Catalog No: M802A
3 HP Vertical Solid Shaft P-Base Motor, 3 phase, 1200 RPM, 230/460 V, 213HPV Frame, ODP
Vertical Pump Motors

marathon® Motors

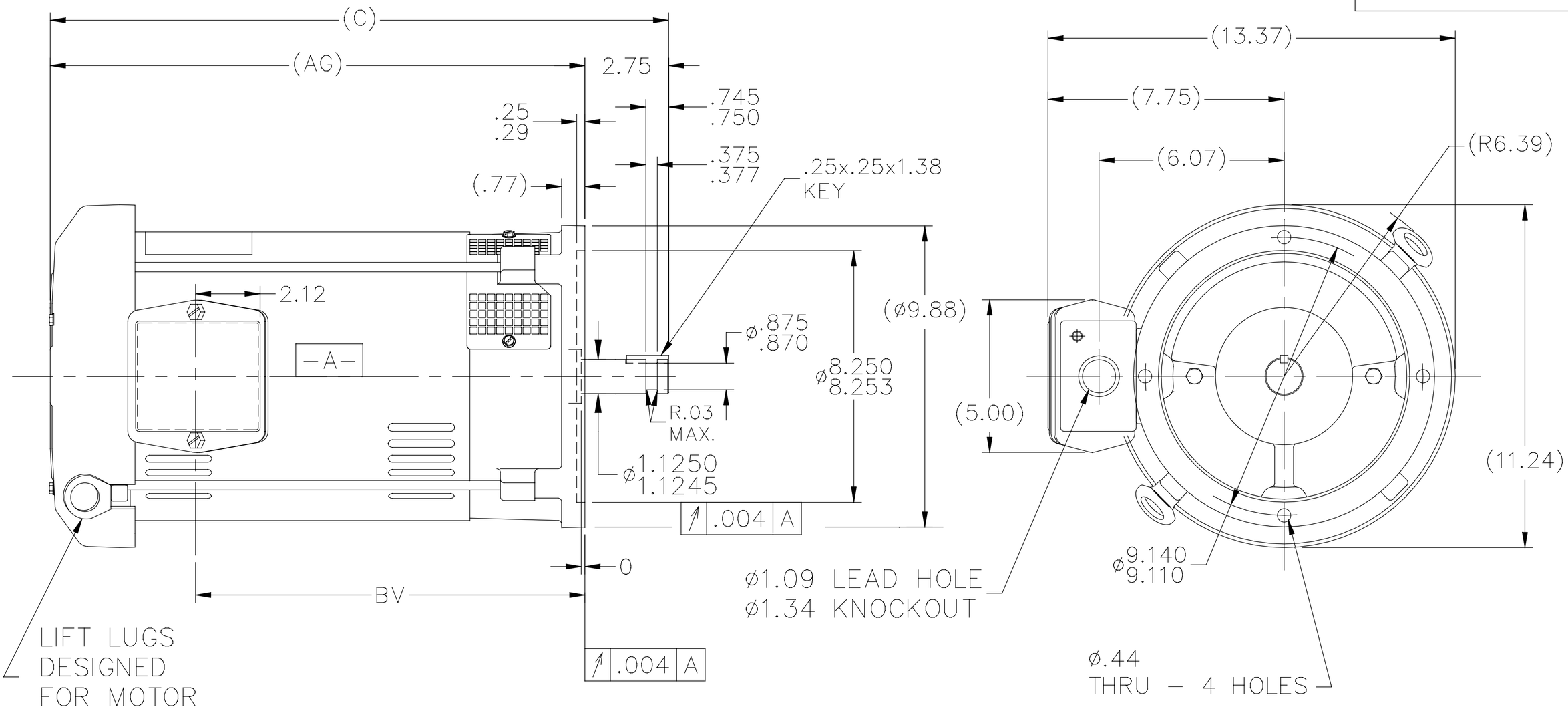
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	8.4/4.2 A	Speed	1165 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	213HPV	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
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	6	Rotation	Reversible
Resistance Main	3.8 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	HP	Overall Length	20.30 in
Frame Length	11.15 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS86651-1115	Connection Drawing	A-EE7308

SS86651



DASH	FR.	C	AG	BV	
965	213HP	18.80	16.05	11.28	
1115	213/15HP	20.30	17.55	12.78	
1240	213/15HP	21.55	18.80	14.03	

NOTES:
1. NAMEPLATE TO BE READ FROM SHAFT EXT. END OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.

NO.	REVISION	BY & DATE	CHK
5	REGAL LOGO ADDED.	SYED 10/09/2015	
4	UPDATED DRAWING	TJW 04/30/2007	
3	REDRAWN IN AUTOCAD	TAT 07-22-2004	ML
2	UPDATED C'BOX GEOMETRY CN 28425	DRS 01-12-2000	
1	NEW DRAWING	PGK 07-07-1997	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
ANG	±7'30"
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005

REGAL™ Regal Beloit America, Inc.

TITLE OUTLINE – P' BASE
210HP FR. – DR.PR.

MAT'L.

FINISH

DRAWN	PGK 06–10–1997
CHK	ML 06–12–1997
APPD	DR 06–24–1997
SCALE	1=5
REF	
FMF	
PREV	

RFP

DIST LB

CAD FILE ss86651

SIZE	DRAWING NO. PAGE OF	REV.
A	SS86651	5

EE7308

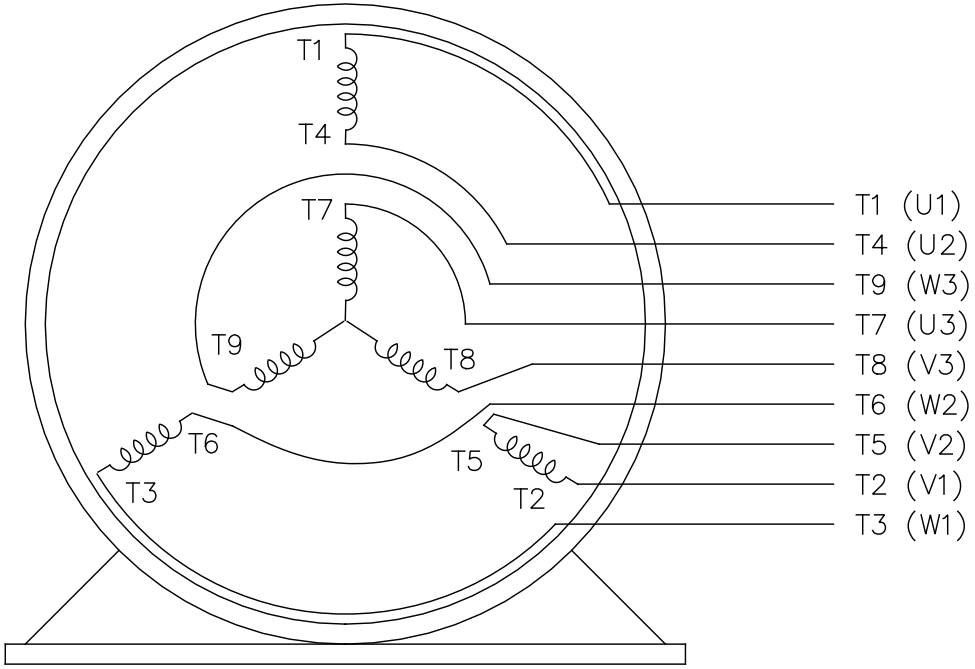
THREE PHASE
DUAL VOLTAGE MOTOR

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	

SIZE A | DRAWING NO. EE7308 | PAGE OF | REV. 5