

PRODUCT INFORMATION PACKET

Model No: 213TTDW16061

Catalog No: U926A

7.50 HP General Purpose Motor, 3 phase, 1800 RPM, 575 V, 213T Frame, ODP
General Purpose Motors



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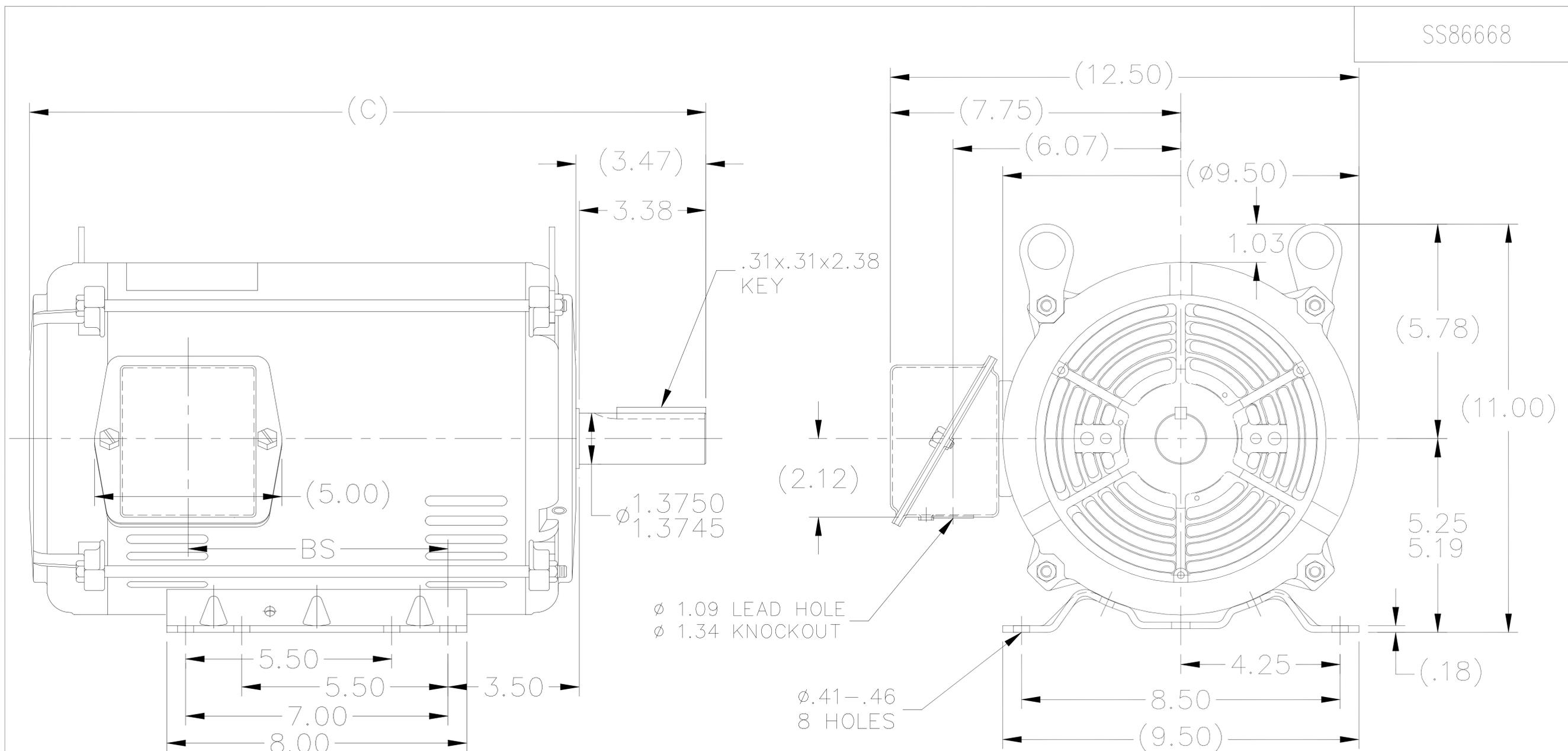
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	575 V
Current	7.7 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Power Factor	80
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	H
Frame	213T	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6307	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	1.18 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	19.29 in
Frame Length	12.40 in	Shaft Diameter	1.375 in
Shaft Extension	3.47 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7335B	Outline Drawing	A-SS86668-1240

SS86668



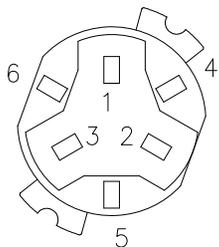
DASH	FR.	C	BS	MOUNTING
965	213T	16.54	5.43	
1115	213/15T	18.04	6.93	
1240	213/15T	19.29	8.18	F1 ONLY
1545	215T	22.34	11.23	F1 ONLY

- 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.)

06-22-2004

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.	DRAWN MRB 04-03-1997				
				DEC.	INCHES		CHK	ML	APPD	GK	
				.X	±.1						
3	TITLE BLOCK CHANGE PER ECO-0078542	MDV 06/09/2015		.XX	±.03	TITLE OUTLINE				SCALE	1=4
2	UPDATED C'BOX GEOMETRY CN 28425	BJW 03-24-2000		.XXX	±.005	210T FR. - BB - TS - DR.PR.				REF	
1	NEW DRAWING	MRB 04-04-1997		.XXXX	±.0005	MAT'L.				FMF	
				ANG	±7'30"	FINISH				PREV	
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				DIST	LB		A	SS86668			3

SINGLE VOLTAGE – THREE PHASE WITH OVERLOAD PROTECTOR



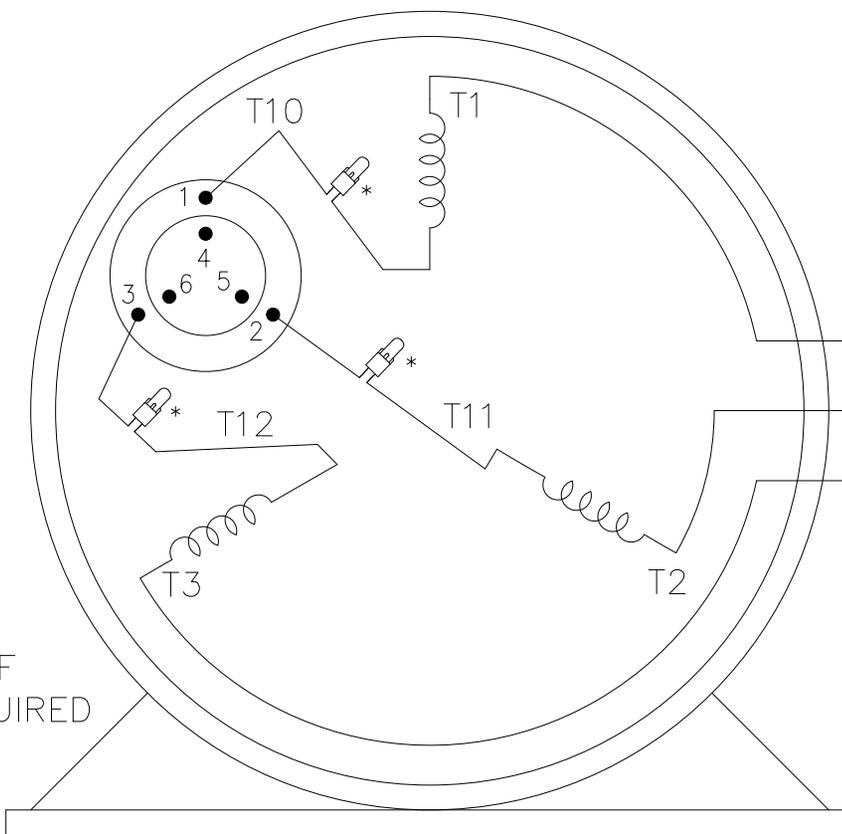
NOTE:
ACTUAL PROTECTORS
TERMINAL LOCATIONS
FOR LEAD CONNECTIONS

NOTE: TERMINAL BOARD
CONNECTIONS

LEADS WITH TERMINALS
SHOULD BE CONNECTED
TO INBOARD SIDE OF
TERMINAL BOARD.

T1 --- L1 — 4A }
T2 --- L2 — 5A }
T3 --- L3 — 6A }

IF
REQUIRED



T1 — 4A }
T2 — 5A } IF
T3 — 6A } REQUIRED

—TO REVERSE ROTATION—
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS

VIEW OF TERMINAL END

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

		T6CK
T6CA		T6BM
T4CC		T4AY
T4C		T2DL
T6D		T2H

* USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.	DRAWN KL 08-25-1993
				DEC.	INCHES		
12	UPDATED PER ECR-0211312	SG 07/27/2021	BD	.X	± -		CHK RD 11-12-2014
11	ADDED THE OPTIONAL CORD CONNECTION	JAH 11-12-2014	RD	.XX	± -	TITLE CONNECTION DIAGRAM	APPD RD 11-12-2014
10	PRESSURE CONNECTORS ADDED (QTY 3)	PVR 07-09-2014	GR	.XXX	± -	SINGLE VOLT – 3Ø WITH OVERLOAD PROT.	SCALE 1=1
9	ADDED 4A, 5A, & 6A "IF REQUIRED" MU44987	MSG 01-07-2002	SAS	.XXXX	± -	MAT'L.	REF
				ANG	± -	FINISH	FMF
							PREV

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RFP
DIST LB-WP

CAD FILE EE7335B

SIZE A DRAWING NO. EE7335B PAGE OF 12 REV. 12

Data Sheet

Date: 15-06-2017
Customer: _____
Attention: _____
Submitted by: FAREEDA DUDEKULA



213TTDW16061

Submittal

Data @ **575 V**

Motor Load Data

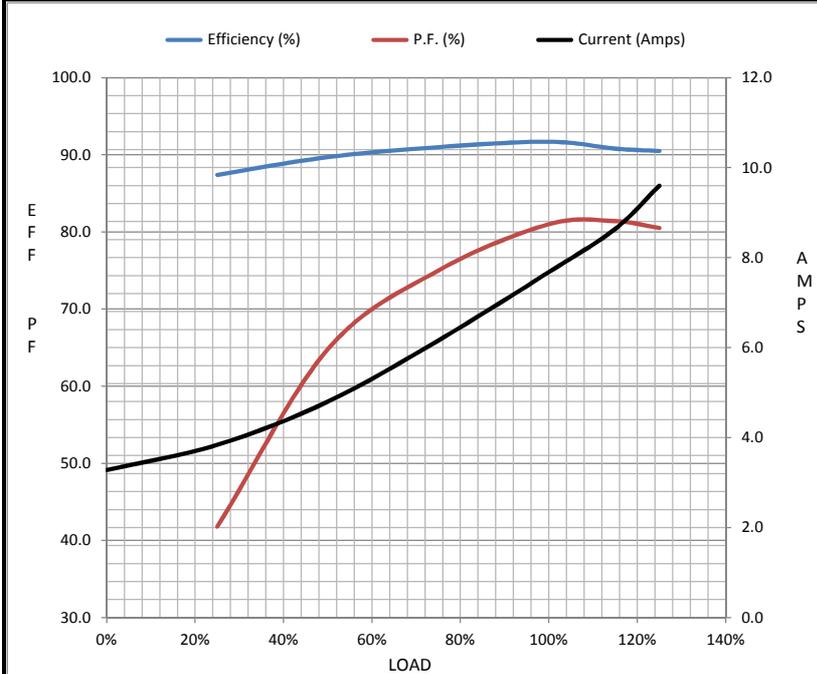
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	3.3	3.8	4.8	6.2	7.7	8.6	9.6	50.8
Torque (ft-lb)	0.00	5.5	11.0	16.6	22.5	25.5	28.0	51.0
RPM	1800	1790	1780	1775	1760	1,755	1752	0
Efficiency (%)		87.4	89.7	91.0	91.7	90.8	90.5	
P.F. (%)	6.5	41.8	64.8	75.0	81.0	81.4	80.5	39.5

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	700	1605	1760	1800
Current (Amps)	50.8	44.0	30.0	7.7	3.3
Torque (ft-lb)	51.0	40.0	66.0	22.5	0.00

Information Block

HP	7.5			
Sync. RPM	1800			
Frame	213			
Enclosure	DP			
Construction	TDW			
Voltage	575 V			
Frequency	60 Hz			
Design	B			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	22 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.85 Lb-Ft ²			
Ref Wdg	K2134182 NONE			
Sound Pressure @ 1M	66 dBA			
VFD Rating	NONE			
Outline Dwg	A-SS86668-1240			
Conn. Diag	A-EE7335B			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
1.1870	0.8740	4.0750	5.7760	89.7750



Speed - Torque Curve

