

Elevator Duty Motors

Model No: R345M2

Catalog No: R345M2

Elevator Duty Motor, 20 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, 215T Frame, DP

Product Information Packet: Model No: R345M2, Catalog No: R345M2 Elevator Duty Motor, 20 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, 215T Frame, DP

Nameplate Specifications

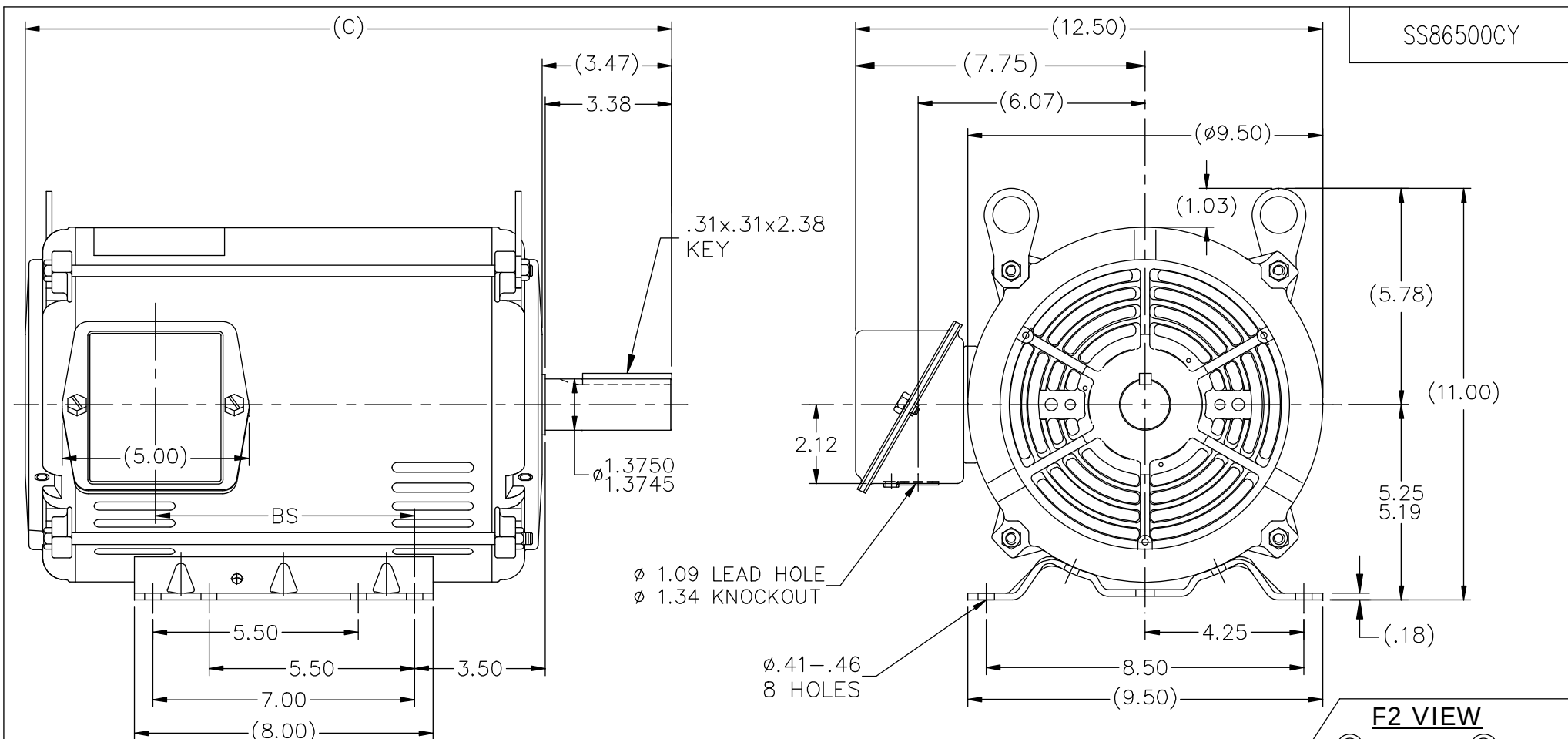
Phase	3	Output HP	20 Hp
Output KW	14.9 kW	Voltage	230/460 V
Speed	3520 r/min	Synchronous RPM	3600 r/min
Service Factor	1.0	Frame	215T
Enclosure	Drip Proof	Thermal Protection	No Protection
Efficiency	91 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	46.0/23.1 A
Power Factor	88.6	Duty	30 Minute
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	F	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	Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.485 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	18.55 in
Frame Length	12.40 in	Shaft Diameter	1.375 in
Shaft Extension	3.47 in	Assembly/Box Mounting	F1 Only

Drawings

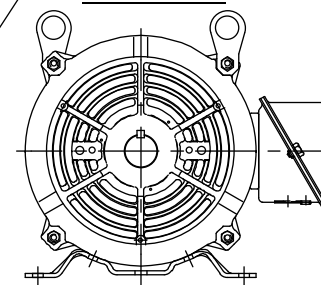
Connection Drawing	A-EE7358-CY	Outline Drawing	A-SS86500CY-1240
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NOTES:

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.)

F2 VIEW



DASH	FR.	C	BS	MOUNTING
965	213T	15.80	5.43	F1 / F2
1115	213/15T	17.30	6.93	F1 / F2
1240	213/15T	18.55	8.18	F1 ONLY
1545	213/15T	21.06	11.23	F1 ONLY

				TOLERANCES UNLESS SPECIFIED			DRAWN GR 03/08/12	
				DEC.	INCHES		CHK ST 03/08/12	
				.X	±.1		APPD	
03	F1/F2 NOTE ADDED FOR 1115 FRAME DASH VALUE	GR 12/13/12	SR	.XX	±.03	TITLE OUTLINE 210 FR. - BB - TS - DR. PR.	SCALE	1=4
02	1545 DASH VALUE'S ADDED IN TABLE	GR 07/27/12	SR	.XXX	±.005		REF	SS86500
01	965 DASH VALUE'S ADDED IN TABLE	UD 07/12/12	SR	.XXXX	±.0005	MAT'L.	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"		PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE SS86500CY	SIZE A	DRAWING NO. SS86500CY	PAGE 1 OF 1
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