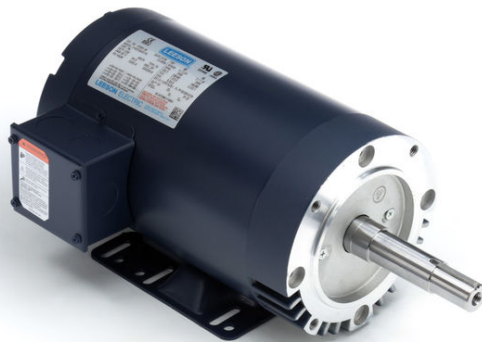


PRODUCT INFORMATION PACKET



Model No: C145T34DC17A
Catalog No: 122079.00
..2..3600.145JMV.DP.230/460V.3.60/50HZ.CONT.40C..C-FACE.....
JM



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

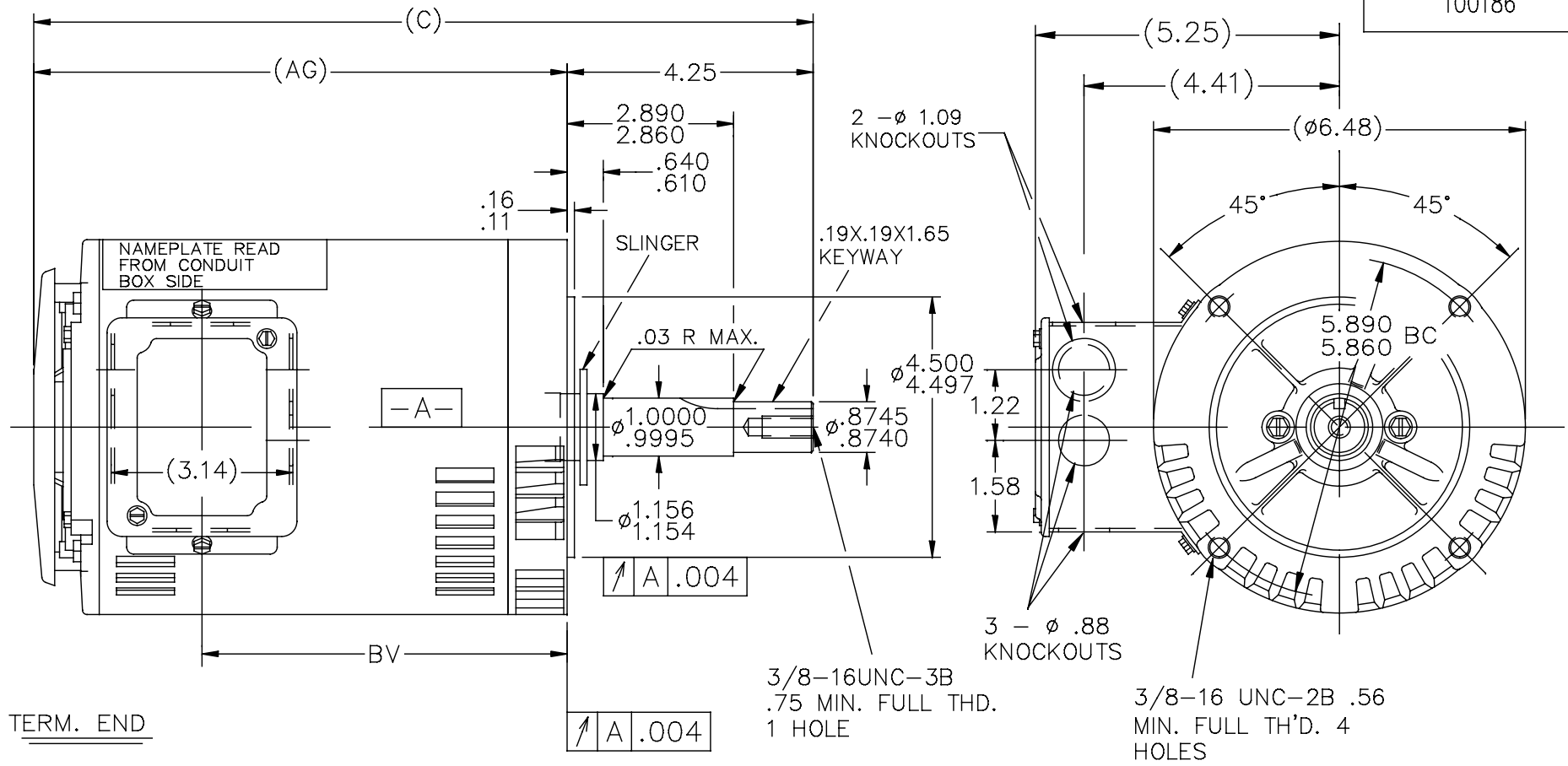
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	5.6/2.8 A	Speed	3510 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	145JMV
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL OR SHAFT DOWN
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	JM
Overall Length	13.42 in	Frame Length	7.06 in
Shaft Diameter	1.000 in	Shaft Extension	4.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-100186-706	Connection Diagram	A-EE7308-REGAL

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 10/15/2018

100186



TERM. END

DASH	FRAME	C	AG	BV	DASH	FRAME	C	AG	BV
					806	140	14.42	10.17	7.31
656	140	12.92	8.67	5.81	856	"	14.92	10.67	7.81
706	140	13.42	9.17	6.31	906	"	15.42	11.17	8.31
756	140	13.92	9.67	6.81	956	"	15.92	11.67	8.81

NOTE: CONDUIT BOX CAN BE ROTATED 180°

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN SMC 10-30-1990			
					DEC.	INCHES					
6	UPDATED TO REGAL LOGO	SAJ 07-06-2015	VS					CHK ML 10-31-1990			
5	REVISED AK DIA ECR-0044440	SVL 11-06-2013		.X	±.1			APPD			
4	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.XX	±.03		TITLE OUTLINE	SCALE 3=8			
3	.75 FULL THD. WAS .88	CN 13229 RM 04-26-1991		.XXX	±.005		140T FR.-BB-DR.PR-C FACE-3Ø-JM. EXT.	REF			
2	REDRAWN ON CADD	SMC 10-30-1990		.XXXX	±.0005		MAT'L	FMF			
					±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 100186			SIZE A	DRAWING NO. 100186	PAGE OF 6	REV. 6
				DIST	WP						



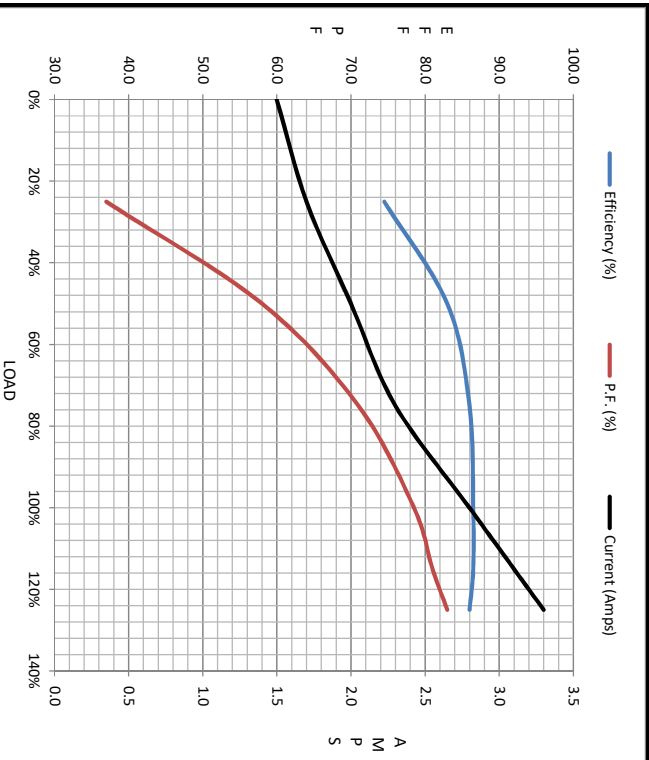


NO.		REVISION		BY & DATE		TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.	DRAWN RM 11/20/1990		
						DEC.	INCHES		CHK	ML	
5	CHG TO REGAL LOGO	SL	09/10/2015	AB		DEC.	INCHES		CHK	ML 11/21/1990	
4	REVISED IEC NOTATIONS	MSG	11/15/2011	CMN	.X		±.1		APPD	SAS 04/24/2003	
3	ADDED IEC NOTATIONS... (U1), (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	
					ANG		±7'30"	FINISH		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 ee7308	SIZE	DRAWING NO.	PAGE OF	REV.
						DIST WP		A	EE7308	5	



Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	1.50	1.70	2.00	2.30	2.80	24.2
Torque (ft-lb)	0.00	0.71	1.50	2.20	3.0	3.5
RPM	3600	3580	3560	3540	3510	3495
Efficiency (%)		74.5	83.0	86.0	86.5	86.0
P.F. (%)	10.0	37.0	58.0	71.0	78.5	81.0

Motor Speed Data						Information Block																					
	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	
Speed (RPM)	0	1500	2570	3510	3600	2.0	3600	145	DP	TDR	230/460#190/380	60	B	L	1.15	38	CONT	40 °C	1,000	0.03	Z1224 DR	68	CONSTANT 2:1	A-100186-706	A-EE7308-REGAL		
Current (Amps)	24.2	21.8	16.2	2.80	1.50																						
Torque (ft-lb)	9.0	11.0	12.8	3.0	0.00																						



EQUIV CKT (OHMS / PHASE)					
R1	R2	X1	X2	Xm	
0.0000	0.0000	0.0000	0.0000	0.0000	

