

PRODUCT INFORMATION PACKET



Model No: C143T17DC17A

Catalog No: 122073.00

..1..1800.143JMV.DP.230/460V.3.60/50HZ.CONT.40C..C-FACE.....
JM



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Nameplate Specifications

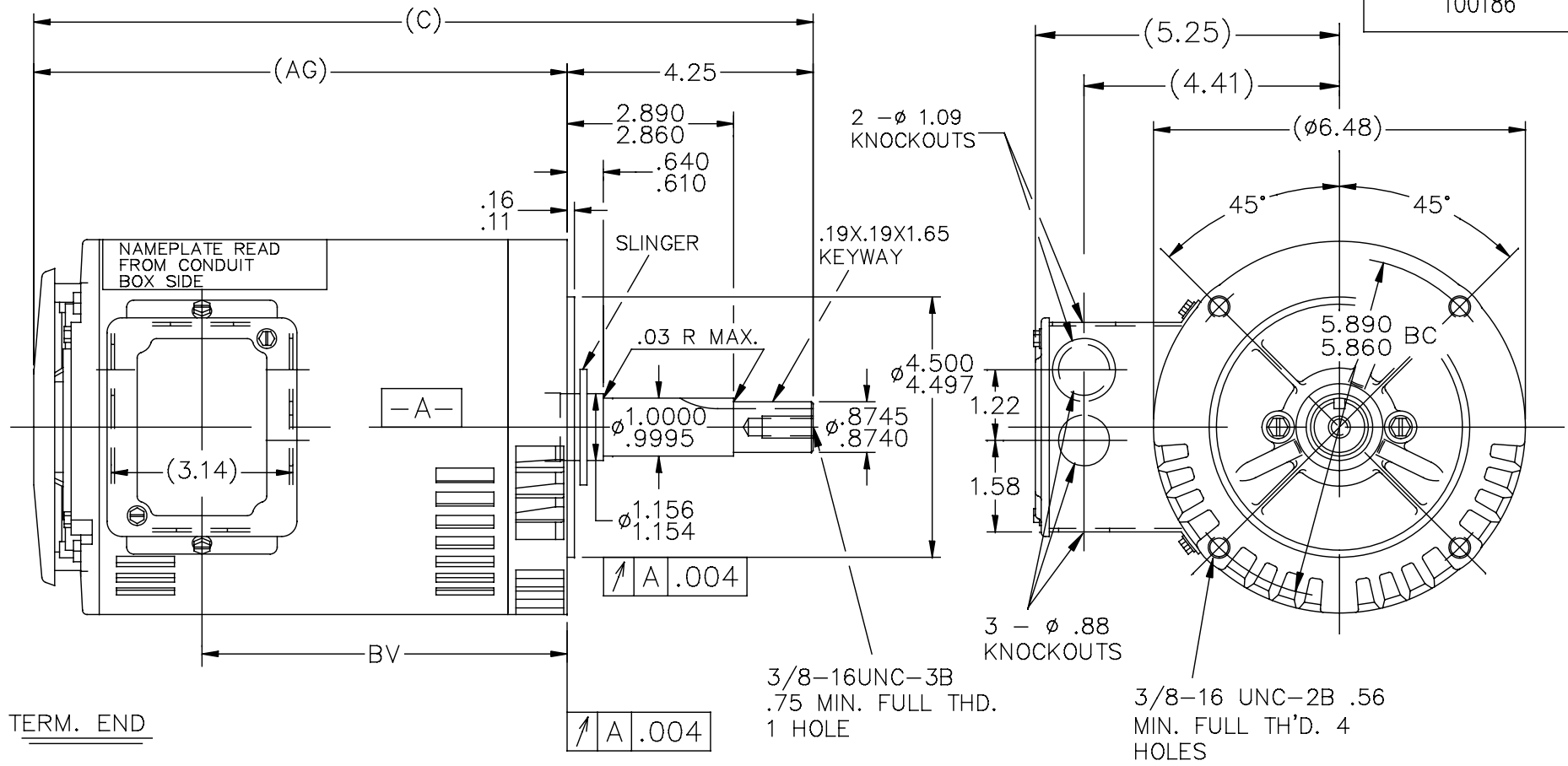
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.0/1.5 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	N	Frame	143JMV
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing 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	4	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	15.42 in	Frame Length	9.06 in
Shaft Diameter	0.875 in	Shaft Extension	4.28 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-100186-906	Connection Diagram	A-EE7308-LE

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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°

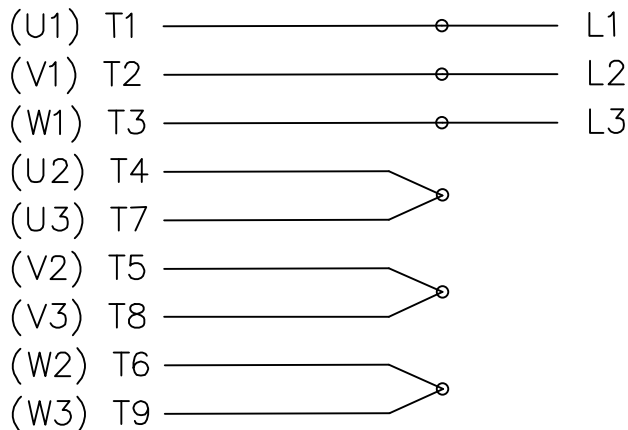
NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	CAD FILE 100186	SIZE	DRAWING NO.	PAGE	OF	REV.
					DEC.	INCHES							
6	UPDATED TO REGAL LOGO	SAJ 07-06-2015	VS	DEC.	INCHES								
5	REVISED AK DIA ECR-0044440	SVL 11-06-2013		.X	±.1								
4	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.XX	±.03								
3	.75 FULL THD. WAS .88	CN 13229 RM 04-26-1991		.XXX	±.005								
2	REDRAWN ON CADD	SMC 10-30-1990		.XXXX	±.0005								
					±7°30"								
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								DIST	WP				
										A	100186		6



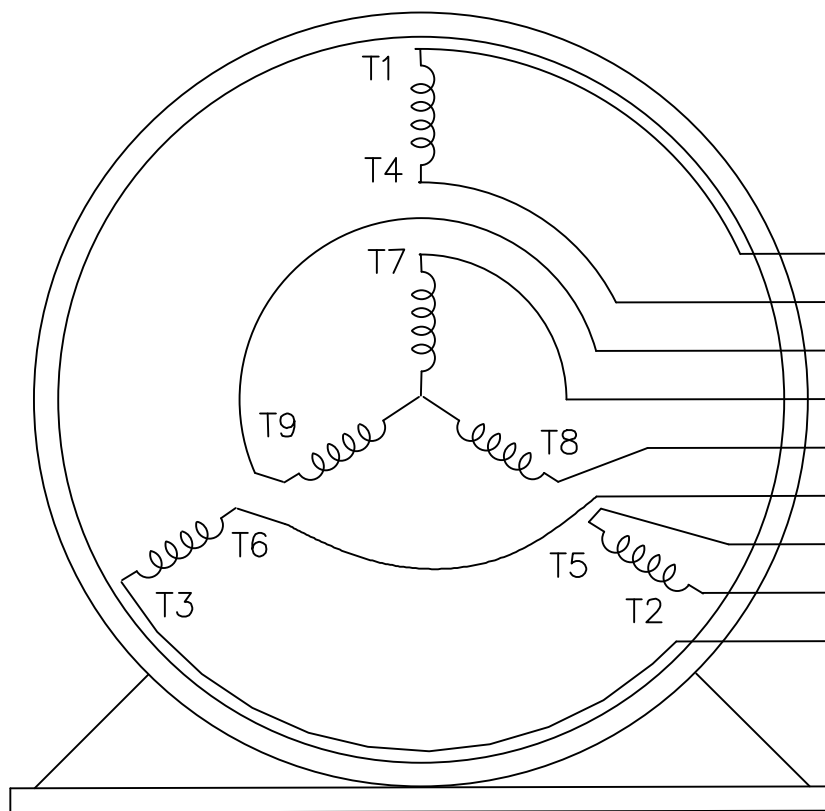
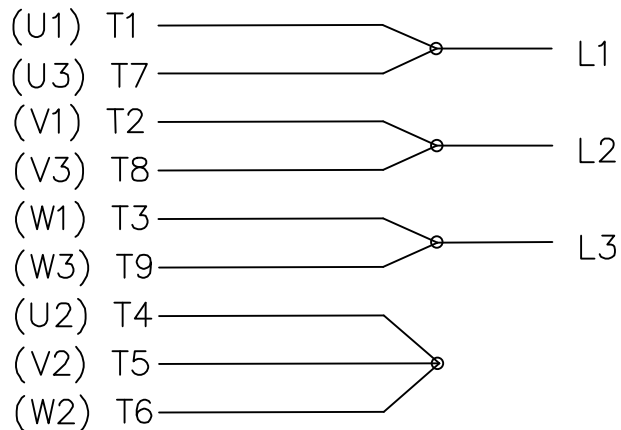
TITLE OUTLINE
140T FR.-BB-DR.PR-C FACE-3Ø-JM. EXT.

THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE




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

VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN HLB 04-29-2002	
				DEC.	INCHES			CHK ML 05-03-2002	
				.X	±.1			APPD GK 05-03-2002	
				.XX	±.01			SCALE 1=1	
2	ADDED IEC NOTATIONS... (U1), (V1) ETC. (MU105786)	REP 01-11-2012	DR	.XXX	±.005	TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR		REF	
1	NEW DRAWING	HLB 05-03-2002	ML	.XXXX	±.0005	MAT'L.		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH		PREV	
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				DIST LB-WP			A	EE7308-LE	2

Data Sheet

Date: 1/19/2018

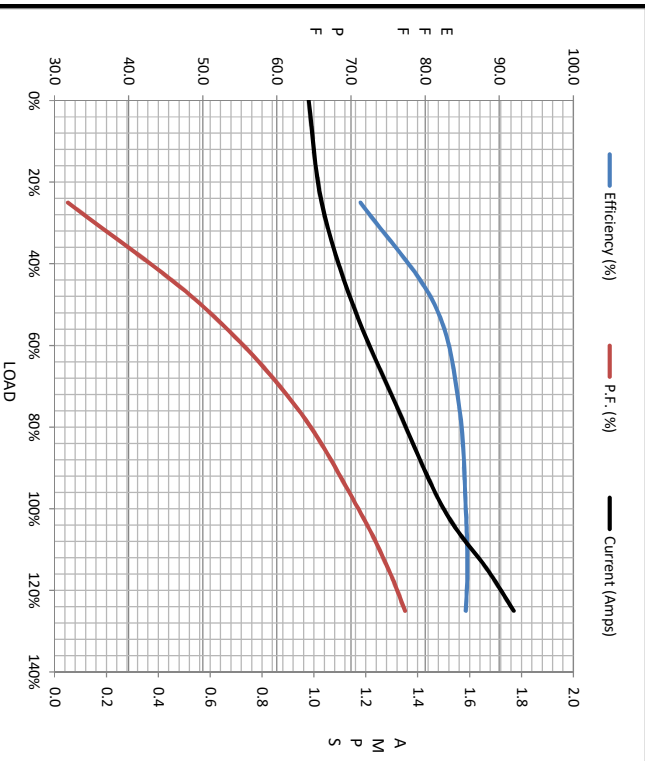
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Data @ 460 V

Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	0.98	1.03	1.15	1.32	1.50	14.5
Torque (ft-lb)	0.00	0.73	1.47	2.22	3.0	11.2
RPM	1800	1790	1781	1772	1760	0
Efficiency (%)		71.3	81.3	84.6	85.5	
P.F. (%)	11.1	31.8	49.8	62.6	71.0	73.4

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	Rel Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	R1	R2	X1	X2	Xm	
Speed (RPM)	0	120	1285	1760	1800	1.0	1800	143	DP	TDR	230/460#190/380	60	A	N	1.15	21	CONT	40 °C	1,000	0.12	NONE	56	CONSTANT 2:1	A-100186-906	A-EE7308-1E		0.0000	0.0000	0.0000	0.0000	0.0000	
Current (Amps)	14.5	13.0	9.8	1.50	0.98																											
Torque (ft-lb)	11.2	10.0	15.4	3.0	0.00																											



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

