

PRODUCT INFORMATION PACKET



Model No: C143T34DK6AA
Catalog No: 122095.00
..1.5..3600.143JP.DP.230/460.3.60/50HZ.CONT.40C..RIGID C-FACE.....
JP



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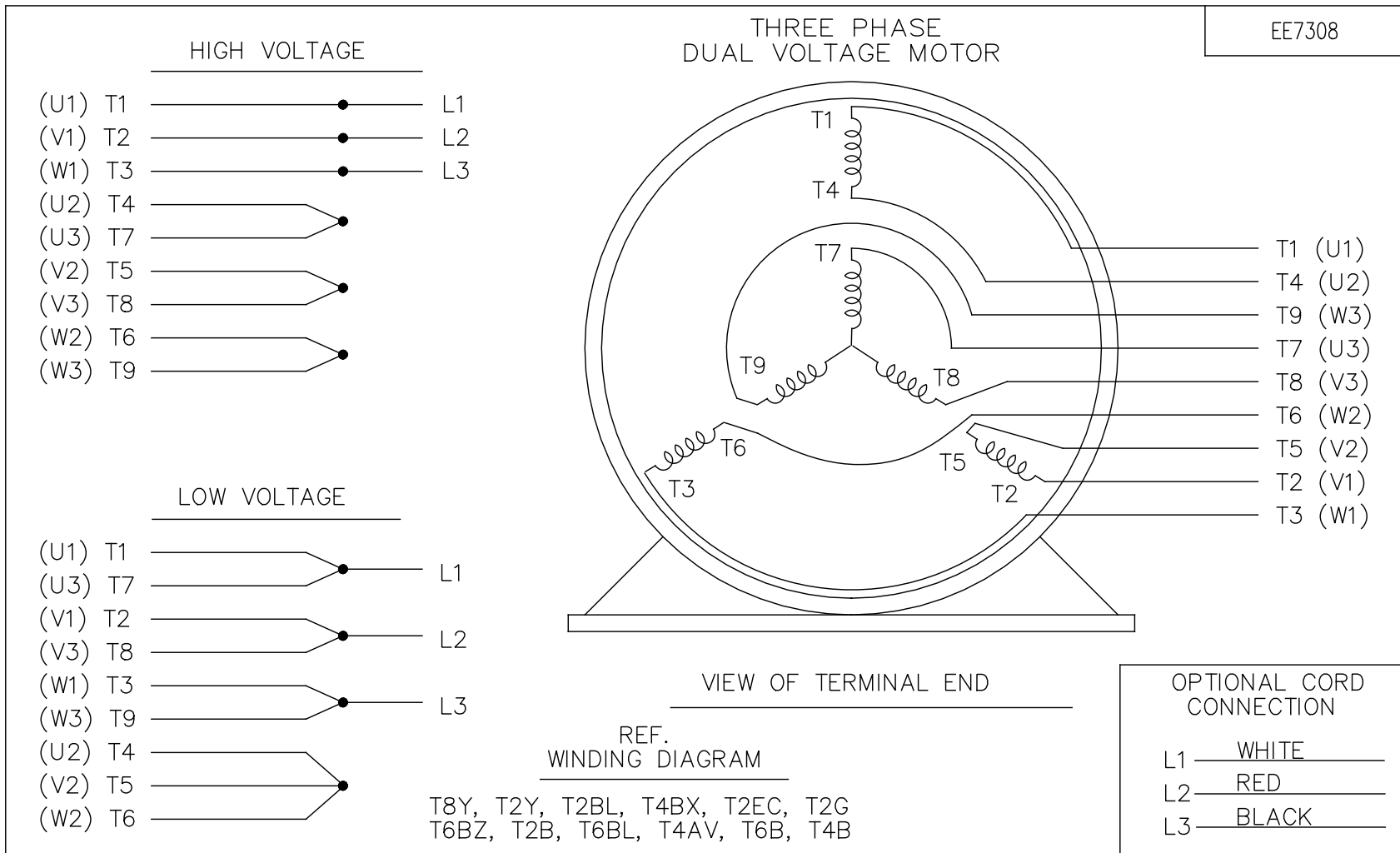


Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.8/1.9 A	Speed	3515 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	143JP
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	N
IP Code	22		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	JP
Overall Length	17.68 in	Frame Length	8.56 in
Shaft Diameter	0.875 in	Shaft Extension	7.34 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-100132-856	Connection Diagram	A-EE7308

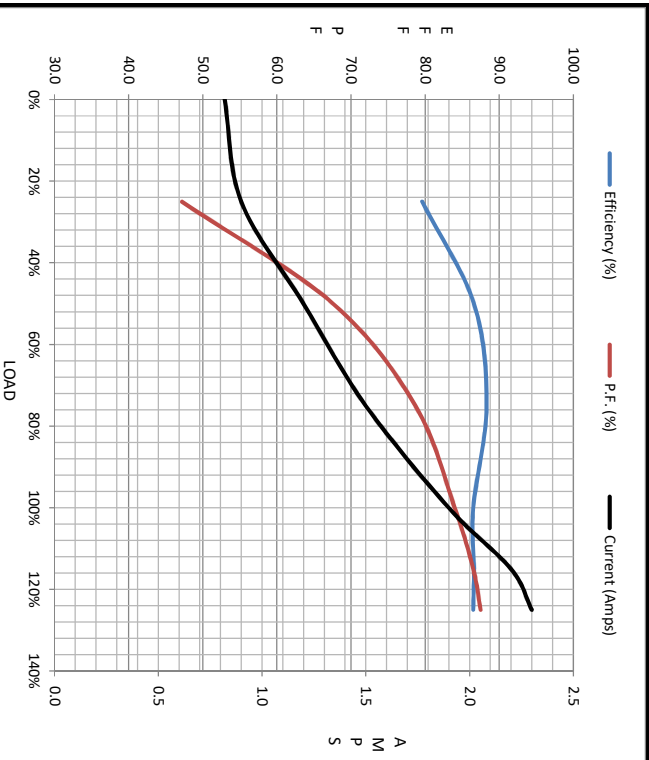


NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	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				
					±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 ee7308	SIZE A	DRAWING NO. EE7308	PAGE OF 5	REV. 5
							DIST WP					



Motor Load Data								
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.82	0.90	1.20	1.50	1.90	2.20	2.30	18.6
Torque (ft-lb)	0.00	0.55	1.10	1.68	2.25	2.60	2.80	6.8
RPM	3600	3580	3560	3540	3515	3505	3495	0
Efficiency (%)		79.6	86.6	88.3	86.5	86.5	86.5	
P.F. (%)	14.3	47.2	67.6	78.7	84.0	86.5	87.5	62.5

Motor Speed Data						Information Block			
Speed (RPM)	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	
	0	215	2700	3515	3600	1.5	3600	143	
Current (Amps)	18.6	18.7	11.7	1.90	0.82				
Torque (ft-lb)	6.8	5.7	10.0	2.25	0.00				
Construction	TDR			Voltage			230/460#190/380 V		
Frequency	60			Design			A		
LR Code letter	L			Service Factor			1.15		
Temp Rise @ FL	20			Duty			CONT		
Ambient	40 °C			Elevation			1,000 feet		
Rotor/Shaft wk ²	0.00			Ref Wdg			Z12168 DR		
Sound Pressure @ 1M	68			VFD Rating			CONSTANT 2:1		
Outline Dwg	A-100132-856			Conn. Diag			A-EE7308		
Additional Specifications:	0			EQUIV CKT (OHMS / PHASE)			R1 R2 X1 X2 Xm		
	5.2950			3.7820			9.2650 9.4550 359.2900		



Efficiency (%)	P.F. (%)	Current (Amps)
80.0	14.3	0.82
86.6	47.2	0.90
88.3	67.6	1.20
86.5	78.7	1.50
86.5	84.0	1.90
87.5	86.5	2.25
62.5	62.5	0.82

