



A Regal Brand

Catalog # : LM20029

Product Type: AC MOTOR

Description: 20,1800,TEFC,286U,3/60/460

Model: CCF4P20U64

Stock: Non Stock

Quote: Price:

Date: 10/21/2014



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Product Type: AC MOTOR

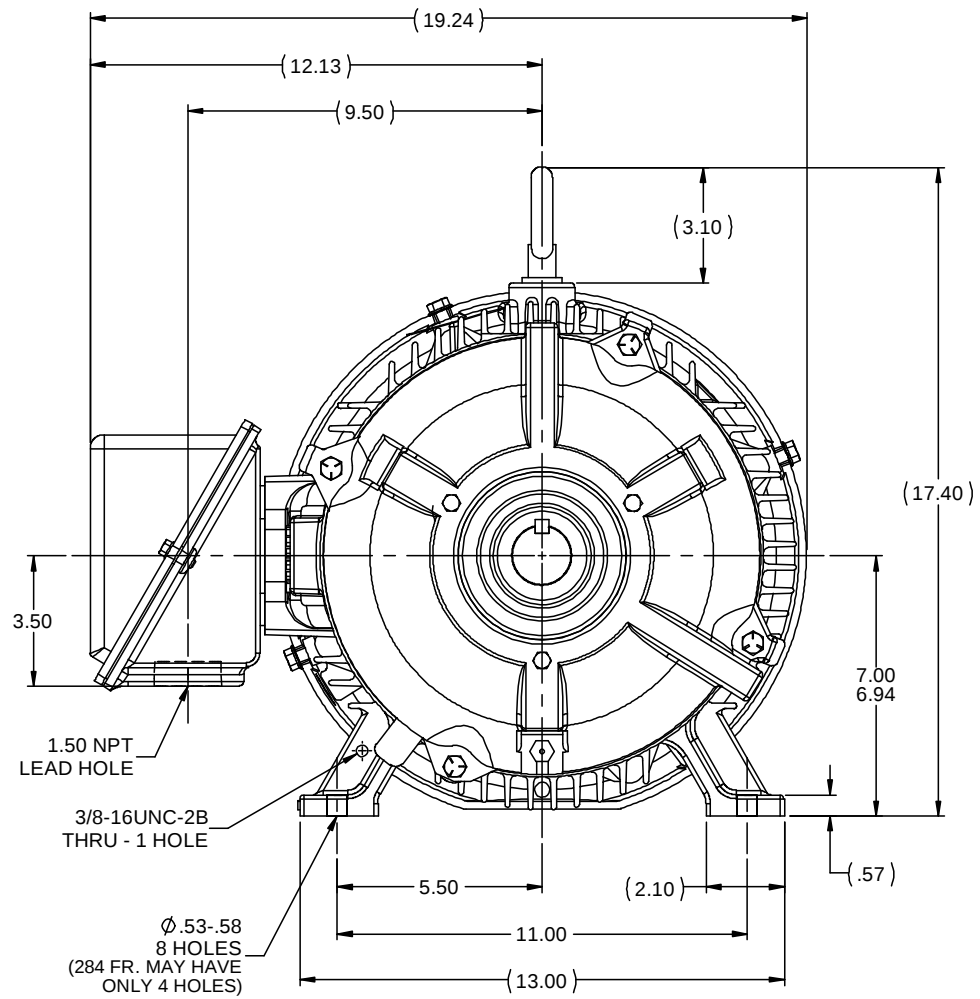
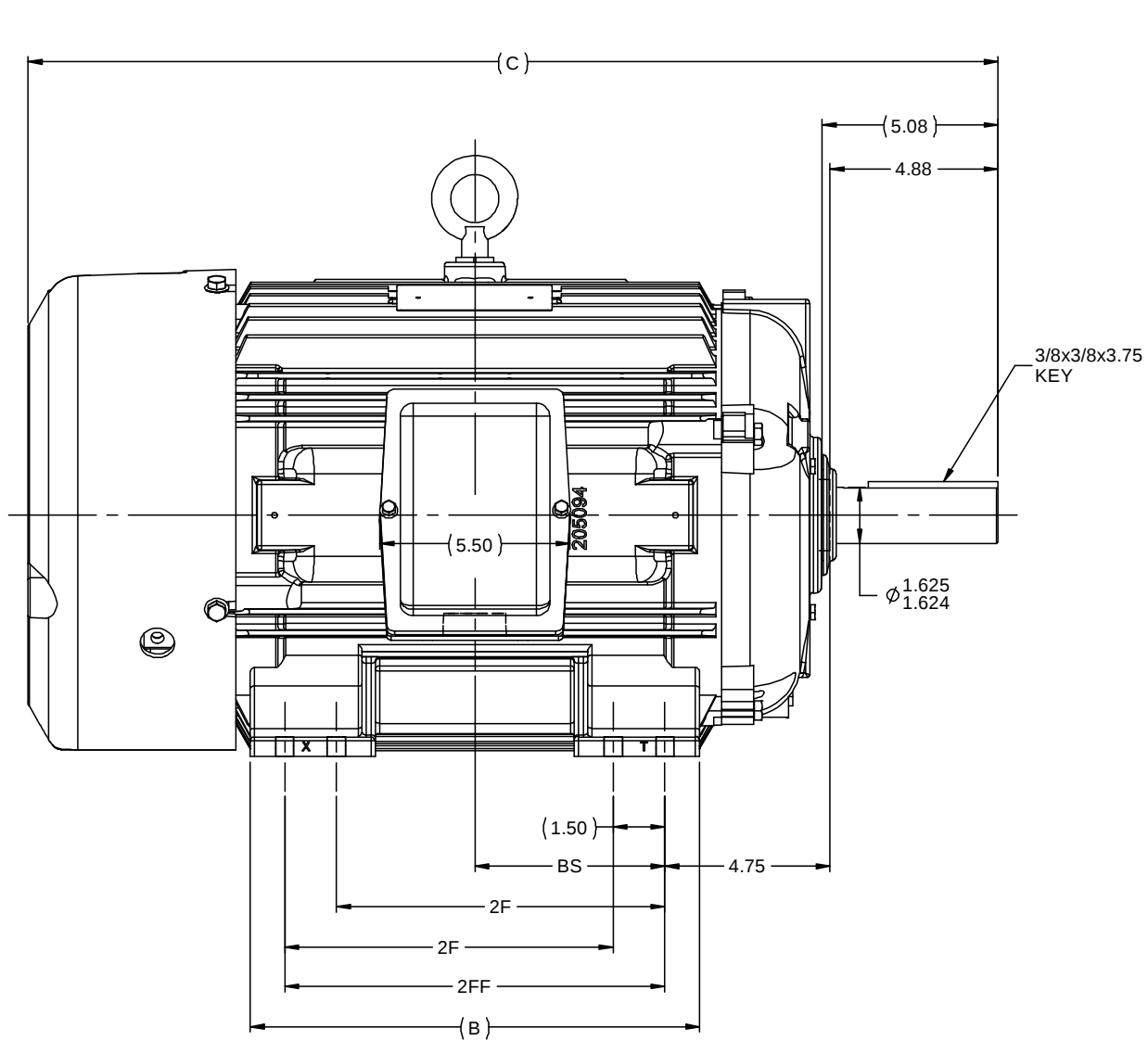
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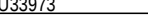
Stock: Non Stock

Engineering Data					
Volts	460	Volts		Volts	
F.L. Amps	24.1	F.L. Amps		F.L. Amps	
S. F Amps	None	S. F Amps		S. F Amps	
RPM	1800	Hertz	60		
HP	20	Duty	CONTINUOUS	TYPE	TFS
KW	14.9				
Frame	286U	Serv. Factor	1.0	Phase	3
Max Amb	65	Design	B	Code	G
Insul Class	F	Protection	NOT	Therm.Prot.	
Eff 100%	93	Eff 75%		PF	84
UL	V-INS, CONST UL REC	CSA	Yes	Bearing OPE	210
CC Number	CC004A	CE	Yes	Bearing PE	311
Load Type		Inverter Type		Speed Range	NONE
Motor Wt.	395 LB	Enclosure	TEFC	Lubrication	STANDARD
Nameplate		Mounting	RIGID	Rotation	REV
Assembly		Shaft Dia.		Ext. Diag.	A-EE7300-LN
Cust Part No		Outline	B-SS311055LN-1425	Ext. Diag2	
Packaging	B	Outline Dash No		Winding	K2564164
Carton Label				GROUP :	2
Iris		Paint	LINCOLN GRAY	Test Card	
Form Factor		RMS Amps		Const Torque	Speed Range
Torque		Peak			
AB Code		Peak@DegC			
Resistance					
Connection					
Rework Status		Rework TYPE			

Hazardous Loc	NONE						Brake Motors	
Explosion Proof			Temp Op Code				FORCE	
Class			GROUP				VDC	
Class			GROUP				ADC	
								Brake Coil OHMs @25 C
Performance								
Torque UOM				Inertia (WK²)				
Torque								
CURRENT (amps)								
Efficiency (%)								
PowerFactor								
Load Curve Data @60 HzVolts,20Horsepower								
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	8.5	0.6	1800	0.0	0.0	8.5	0.0	-
0.25	10.5	4.0	1795	14.5	90.0	51.0	0.0	-
0.5	14.0	8.0	1785	29.5	93.0	72.0	0.0	-
0.75	18.5	12.0	1780	44.5	93.6	81.0	0.0	-
1.0	24.1	16.0	1775	59.2	93.0	84.0	55.0	-
1.15	27.0	18.0	1770	68.0	92.4	84.5	75.0	-
1.25	30.0	20.5	1760	74.5	91.7	85.0	90.0	-
								SOURCE: CALCULATED GROUP: 2
Load Curve Data @60HzVolts,20Horsepower								
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
Load Curve Data Not Available								
Quote:		Price:						
Date: 10/21/2014								



- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90 ° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180 °.
 3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

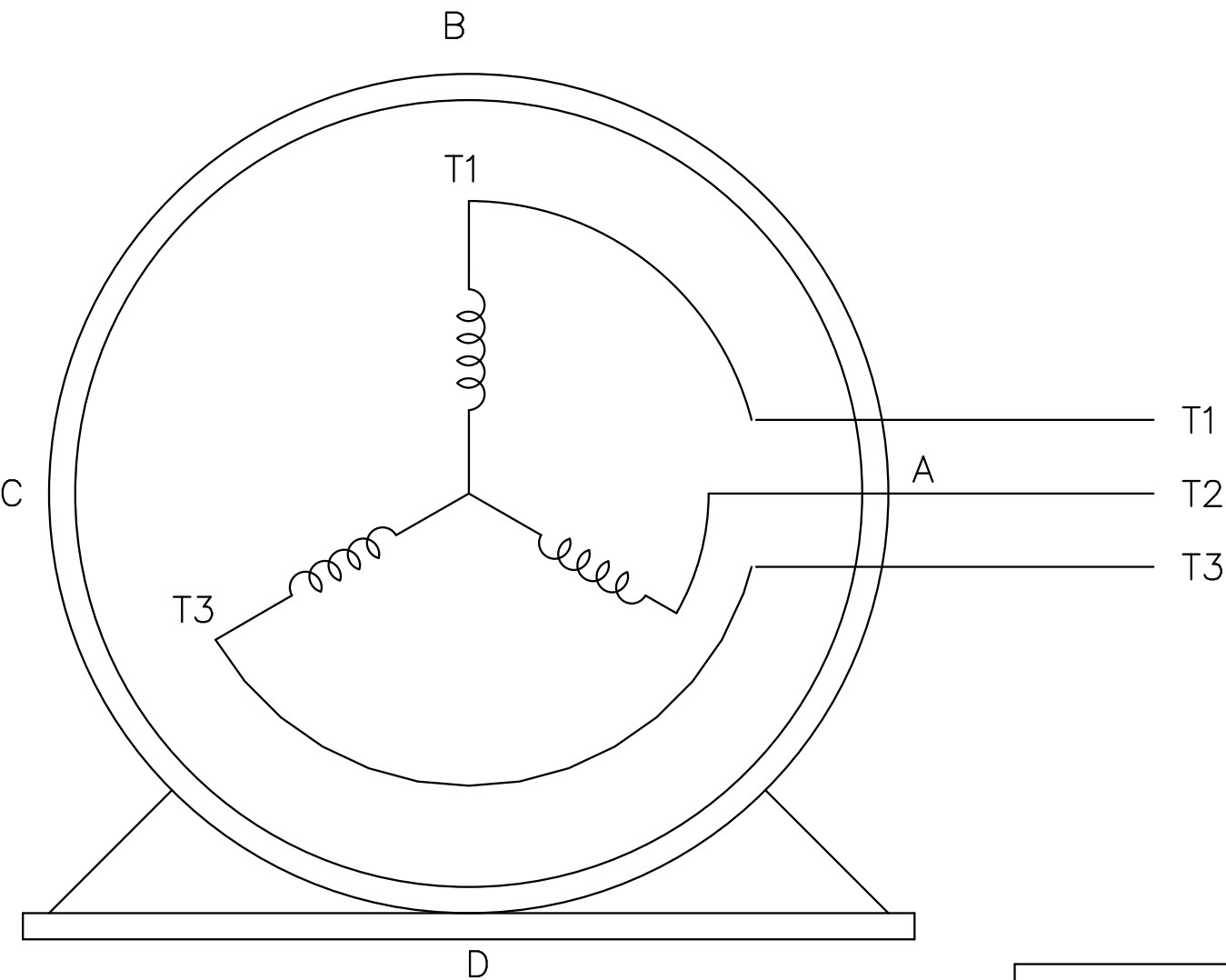
					TOLERANCES UNLESS SPECIFIED			DRAWN HLB 10-10-2000	
				DEC	INCHES			CHK ML 10-16-2000	
				X	±.1			APPR TB 10-16-2000	
3	UPDATED TO NEW FRAME DESIGN	MU109232	MSG 08-16-2012	TB	XX	±.03	TITLE OUTLINE - TEFC - TFPA 280U FR. - STD. - 11.00 LAM. - CAST C' BOX	SCALE 1:4	
2	286 FR. WAS 284 FR. (IN NOTE)	CN 29200-1344	HLB 01-25-2001	ML	XXX	±.005		REF	
1	NEW DRAWING	MU33973	HLB 10-16-2000	ML	XXXX	±.0005	MAT'L	FMF MU33973	
NO	REVISION		BY & DATE	CHK	ANG	±7'30"	FINISH	PAGE OF	
THIRD ANGLE PROJECTION 				RFP 10-16-2000			SIZE B	DRAWING NO SS311055LN	REV 3
				NETWORK FILE NAME SS311055LN					

1275	284U	26.56	11.50	9.50	- - -	4.75
1425	284/286U	28.06	13.00	9.50	11.00	5.50
DASH	FRAME	C	B	2F	2FF	BS

THREE PHASE – SINGLE VOLTAGE
MOTOR – CONDUIT BOX @ 'A'

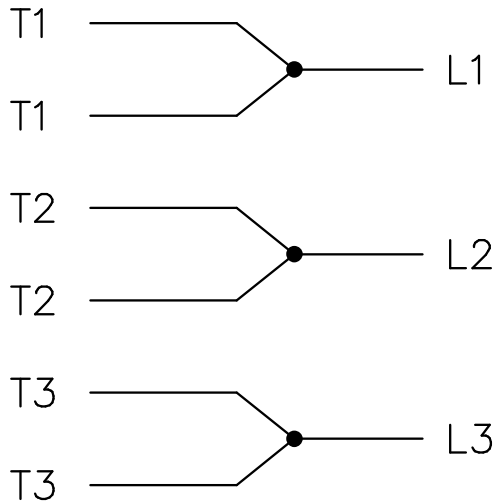
EE7300-LN

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS



VIEW OF TERMINAL END

IF MOTOR HAS
6 LEADS



A-9806 DECAL

OPTIONAL CORD
CONNECTION

L1 WHITE
L2 RED
L3 BLACK

				TOLERANCES UNLESS SPECIFIED			DRAWN BLR 08-13-1999			
				DEC.	INCHES		CHK	ML	08-13-1999	
				.X	±.1		APPD	GK	08-13-1999	
				.XX	±.02		SCALE 1=1			
2	ADDED OPTIONAL CORD CONNECTION PER MU47226	CTO 03-31-2004	PJB	.XXX	±.005	TITLE CONNECTION DIAGRAM SINGLE VOLT – 3Ø MOTOR			REF	
1	NEW DRAWING	CTO 08-13-1999		.XXXX	±.0005	MAT'L.			FMF	
NO.	REVISION	BY & DATE	CHK	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 EE7300_LN		SIZE	DRAWING NO.	PAGE OF	REV.
			DIST WP				A	EE7300-LN		2