



A Regal Brand

Catalog # : LM22841

Product Type: AC MOTOR

Description: 20,1800,TEFC,256TC,3/60/230/460

Model: AF4P20TC61Q40

Stock: Stock

Quote: Price:

Date: 10/15/2014



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Catalog # : LM22841

Product Type: AC MOTOR

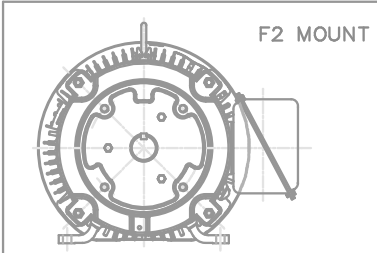
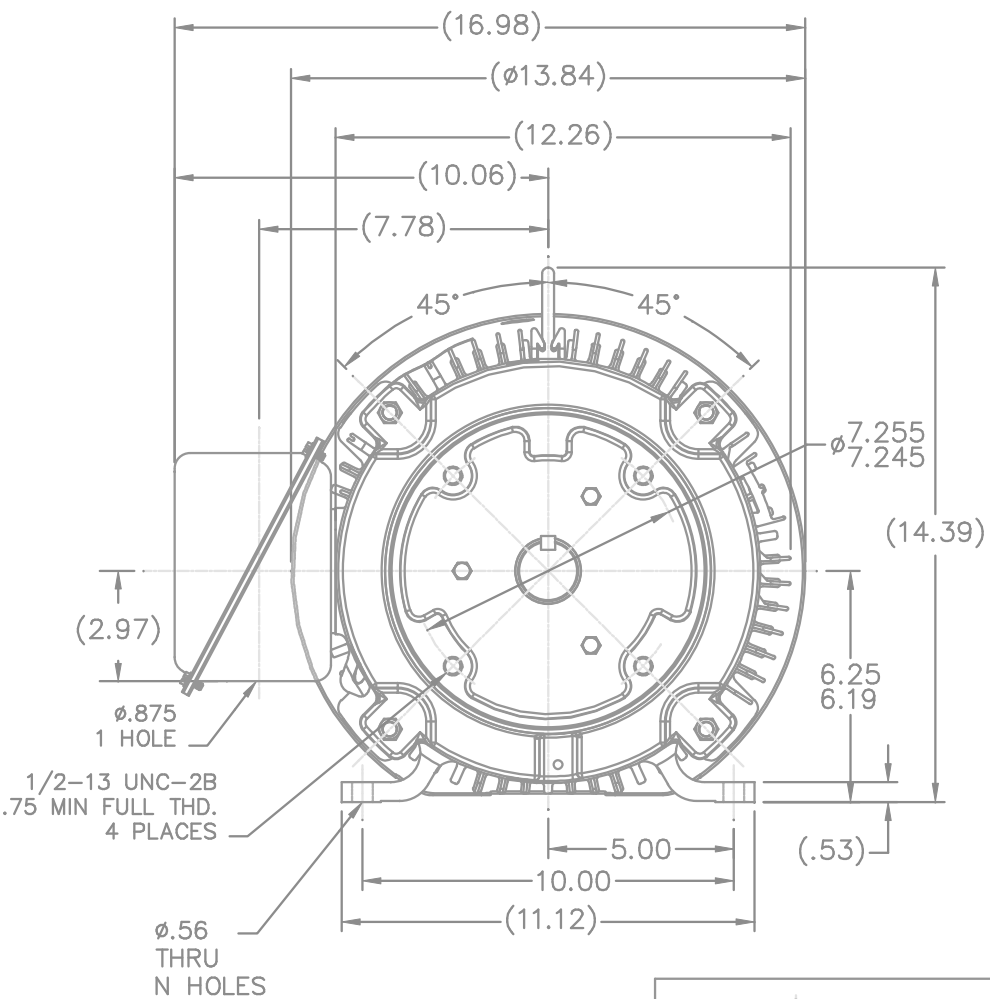
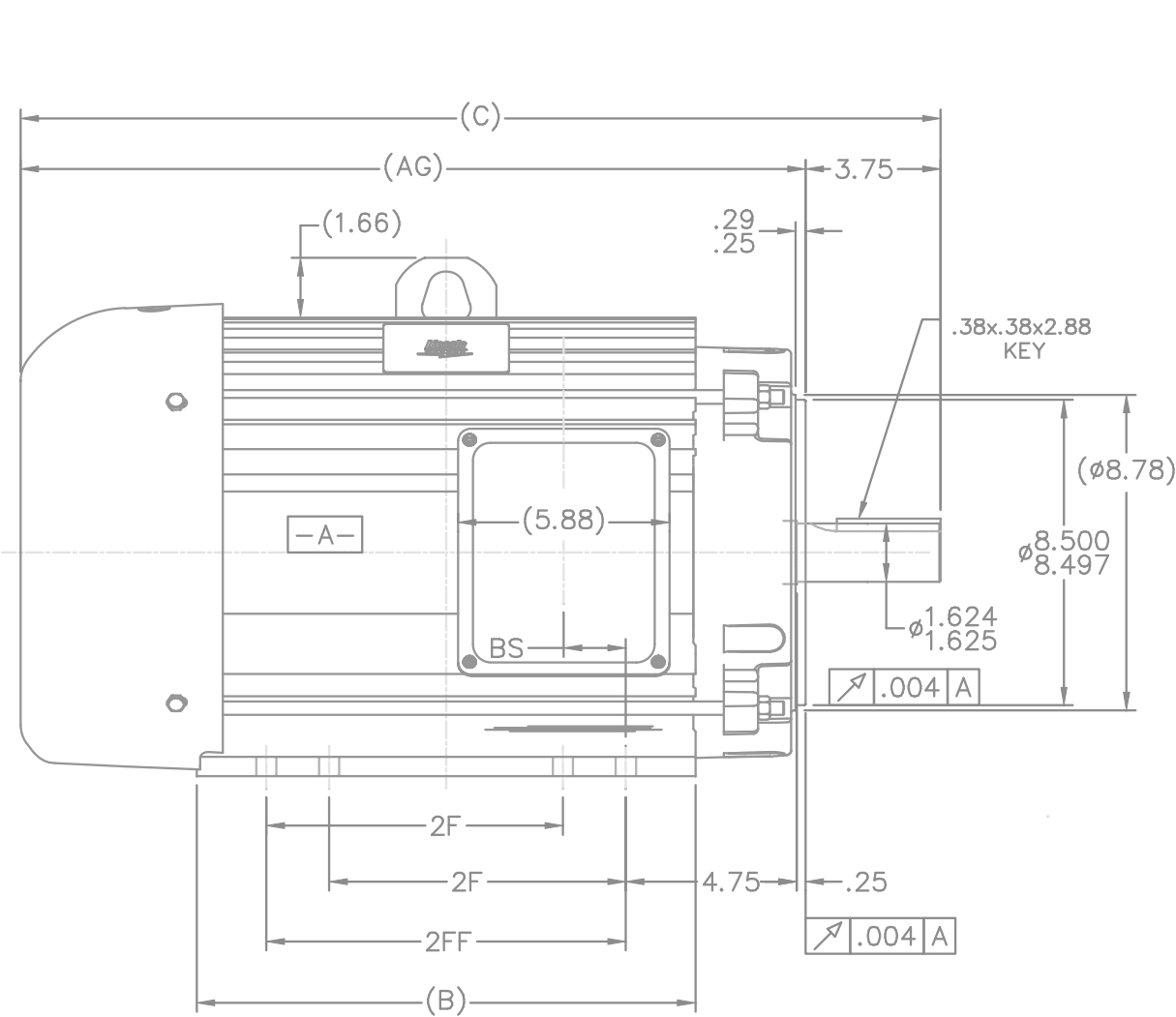
Description: 20,1800,TEFC,256TC,3/60/230/460

Model: AF4P20TC61Q40

Stock: Stock

Engineering Data					
Volts	230	Volts	460	Volts	208/415
F.L. Amps	50	F.L. Amps	25	F.L. Amps	56/28
S. F Amps		S. F Amps		S. F Amps	
RPM	1800	Hertz	60/50		
HP	20	Duty	CONTINUOUS	TYPE	TFL
KW	14.92				
Frame	256TC	Serv. Factor	1.0	Phase	3
Max Amb	40	Design	B	Code	F
Insul Class	F	Protection	NOT	Therm.Prot.	
Eff 100%	91	Eff 75%		PF	82
UL	V-INS, CONST UL REC	CSA	Yes	Bearing OPE	208
CC Number		CE	Yes	Bearing PE	309
Load Type		Inverter Type	NONE	Speed Range	NONE
Motor Wt.	185 LB	Enclosure	TEFC	Lubrication	STANDARD
Nameplate		Mounting	RIGID	Rotation	REV
Assembly		Shaft Dia.		Ext. Diag.	A-EE7308T-LN
Cust Part No		Outline	B-SS321103LN-1375	Ext. Diag2	NT4C
Packaging	B	Outline Dash No		Winding	K2564181
Carton Label				GROUP :	6
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 @60/50 HzVolts,20Horsepower								
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	9.5	0.5	1800	0.0	0.0	7.0	0.0	-
0.25	11.5	4.5	1790	14.5	85.5	48.0	0.0	-
0.5	15.0	8.5	1785	29.5	90.2	70.0	0.0	-
0.75	19.5	12.5	1775	44.5	91.0	79.5	0.0	-
1.0	25.0	16.5	1765	59.5	91.0	82.0	56.0	-
1.15	28.5	19.0	1760	68.5	90.2	84.0	75.0	-
1.25	31.0	20.5	1755	75.0	89.5	84.5	90.0	-
								SOURCE: CALCULATED GROUP: 6
Load Curve Data @60/50HzVolts,20Horsepower								
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
Load Curve Data Not Available								
Quote:		Price:						
Date: 10/15/2014								

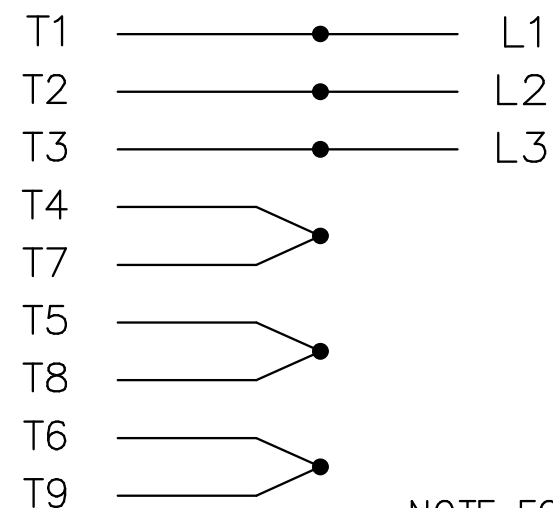


NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FR.	C	B	BS	2F	2FF	AG	N
1200	254TC	23.40	12.13	1.73	8.25		20.10	4
1375	254/6TC	25.15	13.88	1.73	8.25	10.00	21.85	8

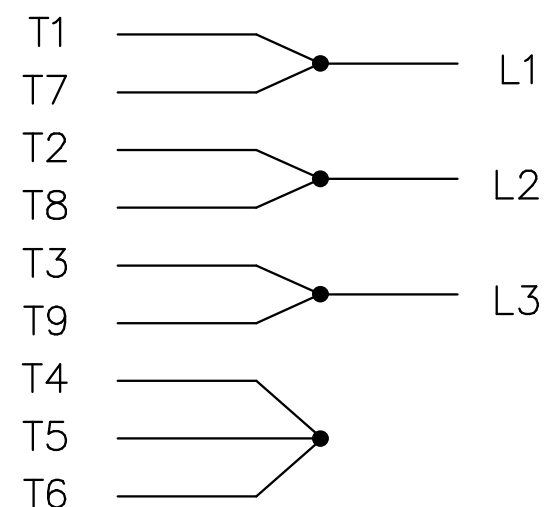
		TOLERANCES UNLESS SPECIFIED				DRAWN CTO 05-11-2004	
		DEC.	INCHES			CHK	ML 05-11-2004
		.X	±.1			APPD	TB 05-11-2004
		.XX	±.03	TITLE OUTLINE		SCALE	1=1
		.XXX	±.005	250TC FR - ALUM. FR. - TEFC		REF	
		.XXXX	±.0005	MAT'L		FMF	
		CHK	ANG ±7°30"	FINISH		PREV	
		RFP	05-11-2004	CAD FILE ss321103ln		SIZE	DRAWING NO. PAGE OF REV.
		DIST	LB			B	SS321103LN 1

HIGH VOLTAGE



NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1

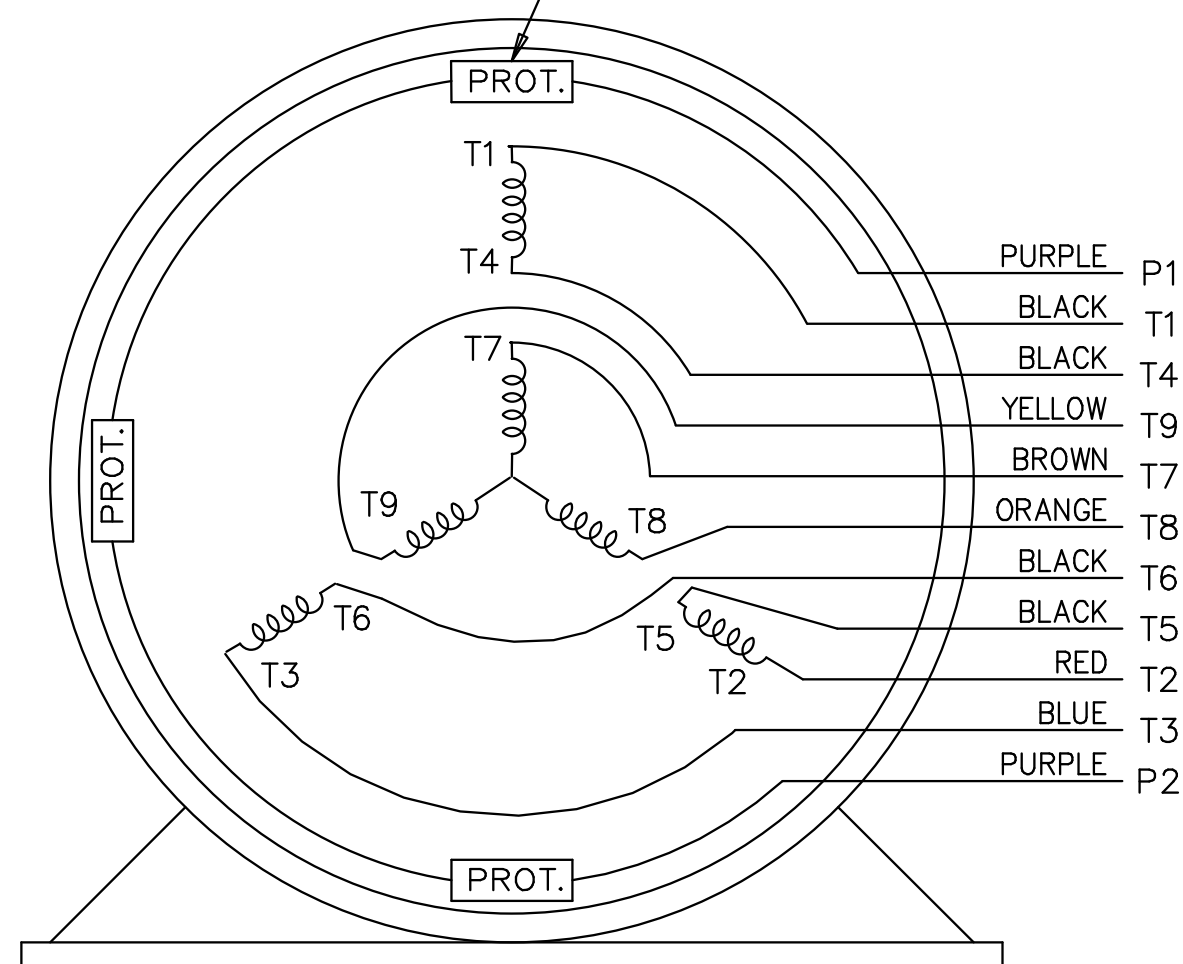
LOW VOLTAGE



THREE PHASE DUAL VOLTAGE MOTOR

EE7308T-LN

THREMO-PROTECTORS
CONNECTED IN SERIES.



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED			DRAWN BJK 07-16-2002						
				DEC.	INCHES		CHK	DRS	07-18-2002				
				.X	±.1		APPD	GK	07-18-2002				
				.XX	±.02		SCALE 1=1						
2	ADDED COLORS TO "T & P" LEADS	CN 40494	MSG 08-08-2006	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM 3 PHASE – DUAL VOLTAGE MOTOR			REF			
1	NEW DRAWING		BJK 07-18-2002	DRS	.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 ee7308t_ln		SIZE	DRAWING NO.	PAGE	OF	REV
				DIST LB					A	EE7308T-LN			