

PRODUCT INFORMATION PACKET



Model No: SF4B60TSC61Y

Catalog No: LM32665

..60HP..1800RPM.364TSC.TEFC.230/460V.3PH.60HZ.CONT.40C..RIGID-C.....

Totally Enclosed Fan Cooled (TEFC)



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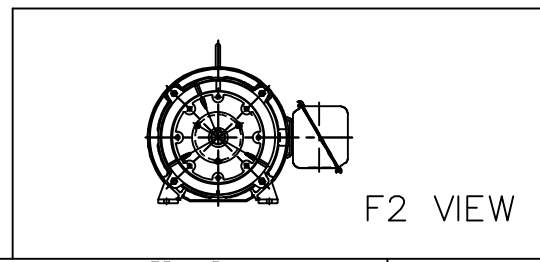
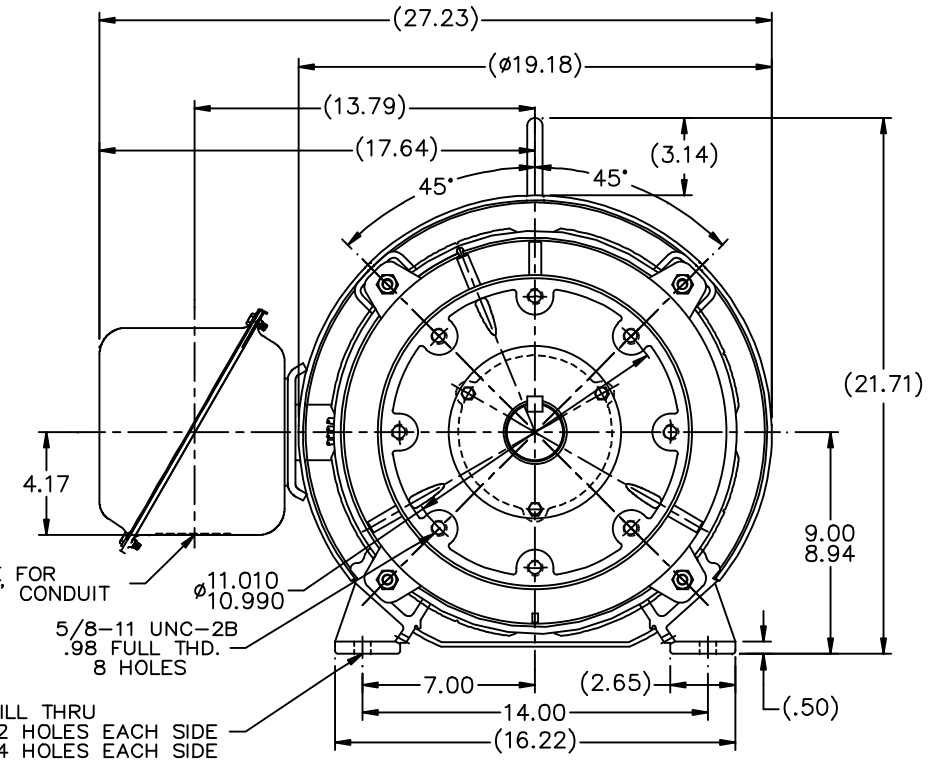
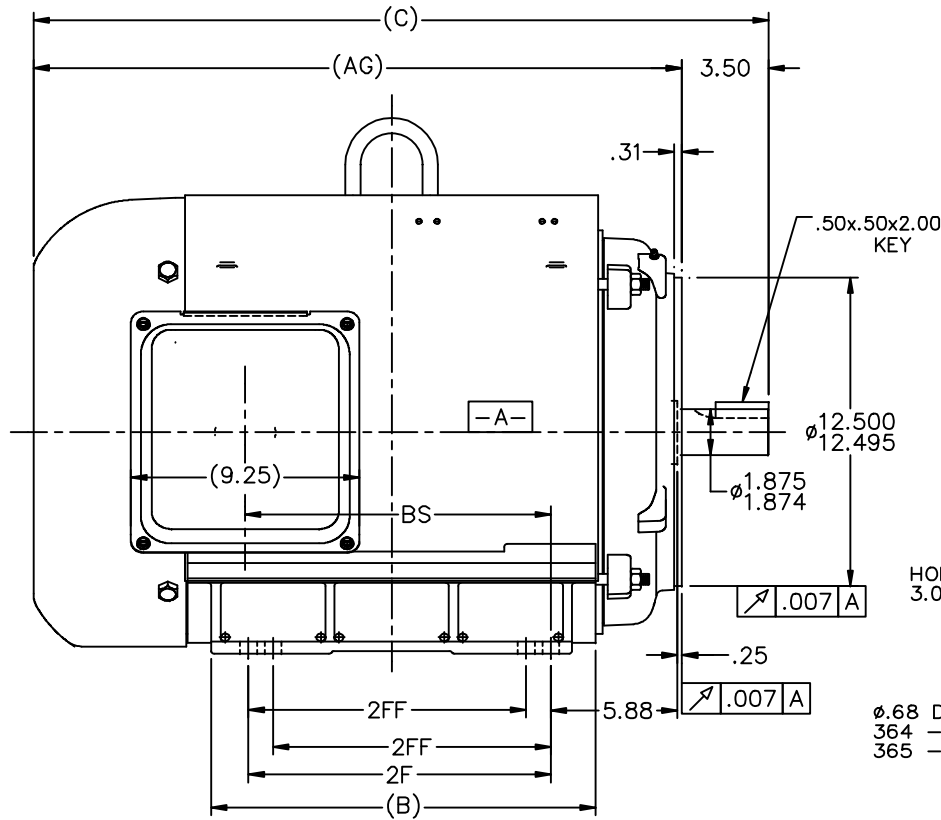


Nameplate Specifications

Output HP	60 Hp	Output KW	45.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	145.0/72.5 A	Speed	1782 rpm
Service Factor	1.25	Phase	3
Efficiency	95 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Frame	364TSC
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	311
Opp Drive End Bearing Size	313	UL	Recognized
CSA	Y	CE	Y
IP Code	43		

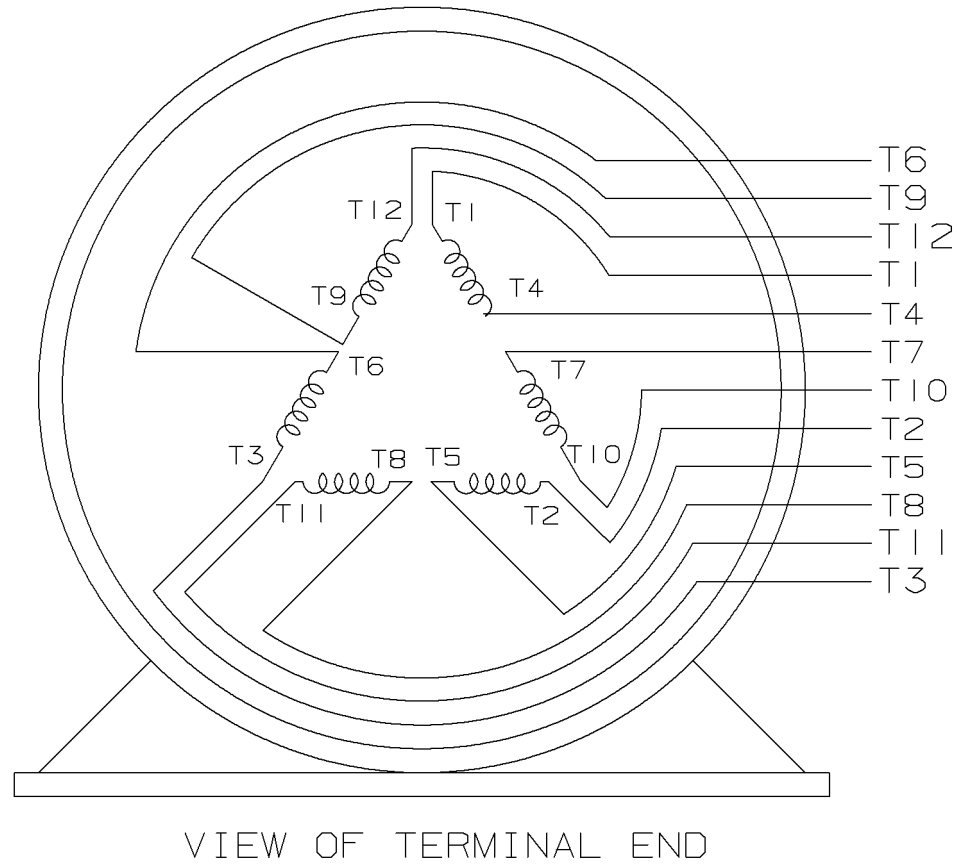
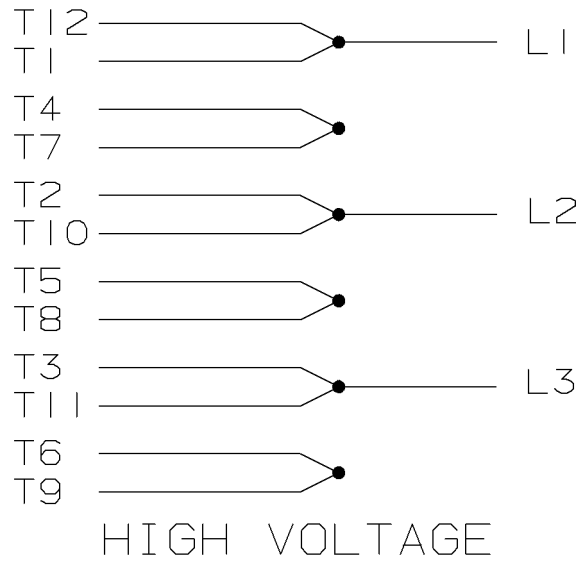
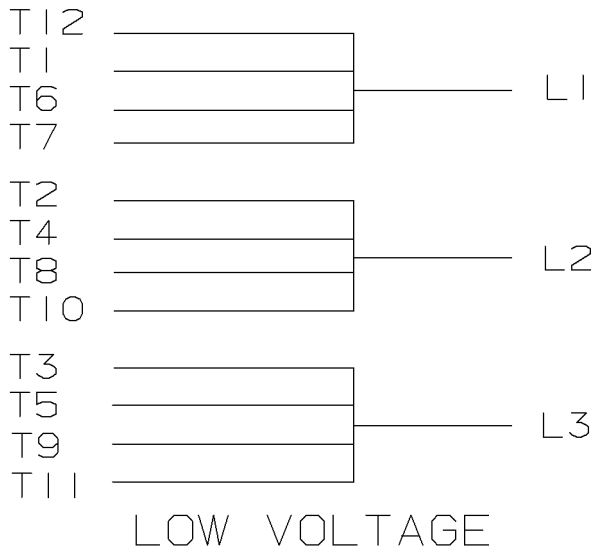
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	TS
Overall Length	29.77 in	Frame Length	16.70 in
Shaft Diameter	1.875 in	Shaft Extension	3.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	XH2F1SC2-1670	Connection Diagram	A-EE7308AA-LN



1670	364T	29.77	26.27	14.61	11.25	--	--	11.56
1770	365T	30.77	27.27	15.61	12.25	11.25		12.56
DASH	FRAME	C	AG	B	2F	2FF		BS

		TOLERANCES UNLESS SPECIFIED		Lincoln MOTORS		DRAWN TJB 03-05-2002	
		DEC.	INCHES			CHK DRS 03-06-2002	
		.X	±.1			APPD TB 03-06-2002	
		.XX	±.03	TITLE OUTLINE - NEMA MOTOR		SCALE 1=5	
2		UPDATED PER ISAAC# 12-1833	REP 04-25-2012	TB .XXX	±.005	360TS FR. - TEFC - C'FACE - UE - 1	
1		NEW DRAWING	MU40578	TJB 03-06-2002	DRS .XXXX	±.0005	MAT'L
NO.		REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH
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 xh2f1sc2		SIZE
				DIST	BY		DRAWING NO. XH2F1SC2
							PAGE OF 2
							REV. 2



					UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7'30"			
2	08-09-1999	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR		MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED		DRAWN BY TRB CHKD BY ML	07-16-1999 06-18-1999
1	06-18-1999	NEW DRAWING	TRB	MATERIAL		APPD BY GK	06-18-1999	
REV	DATE	CHANGE	NAME	PART NAME 3 PHASE CONNECTION DIAGRAM 2/1 DELTA - 12 LEADS				DRWG NO A- EE7308AA-LN

PURCHASED | CADD FILE NO. | EE7308AALN

ERROR: undefined
OFFENDING COMMAND: Pscrip
STACK :

Date: 1/30/2018

LM32665



Data @ 460 V

Motor Load Data						LR	
Load	0%	25%	50%	75%	100%	115%	125%
Current (Amps)	23.0	29.0	41.0	56.5	72.5	83.0	89.5
Torque (ft-lb)	0.00	44.0	88.0	132	177	204	222
RPM	1800	1795	1790	1787	1782	1,780	1775
Efficiency (%)		91.0	94.5	95.4	95.0	95.0	94.5
P.F. (%)	4.5	53.0	72.0	78.5	81.5	82.0	82.5

Motor Speed Data						Information Block			
Speed (RPM)	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure
0	900	1700	1782	1800	1800	60.0	1800	364	TEFC
Current (Amps)	435	400	300	72.5	23.0	Construction TFR			
Torque (ft-lb)	325	300	450	177	0.00	Voltage 230/460#190/380 V			
						Frequency 60 Hz			
						Design B			
						LR Code letter G			
						Service Factor 1.15			
						Temp Rise @ FL 70 °C			
						Duty CONT			
						Ambient 40 °C			
						Elevation 1,000 feet			
						Rotor/Shaft wk ² 0.00 LB-Ft ²			
						Ref Wdg L3644012 NONE			
						Sound Pressure @ 1M 999 dBA			
						VFD Rating NONE			
						Outline Dwg XM2F1SC2-1670			
						Conn. Diag A-EE7308AA-LN			
Additional Specifications:									
0									
EQUIV CKT (OHMS / PHASE)									
R1	R2	X1	X2	Xm					
0.0520	0.0430	0.3640	0.6050	11.4470					

