

PRODUCT INFORMATION PACKET

Model No: 365TTFC6041

Catalog No: E805A

75 HP General Purpose Motor, 3 phase, 1800 RPM, 575 V, 365T Frame, TEFC
General Purpose Motors



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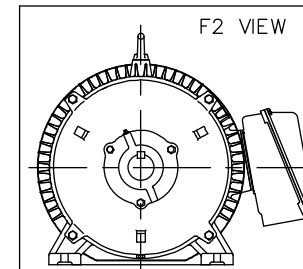
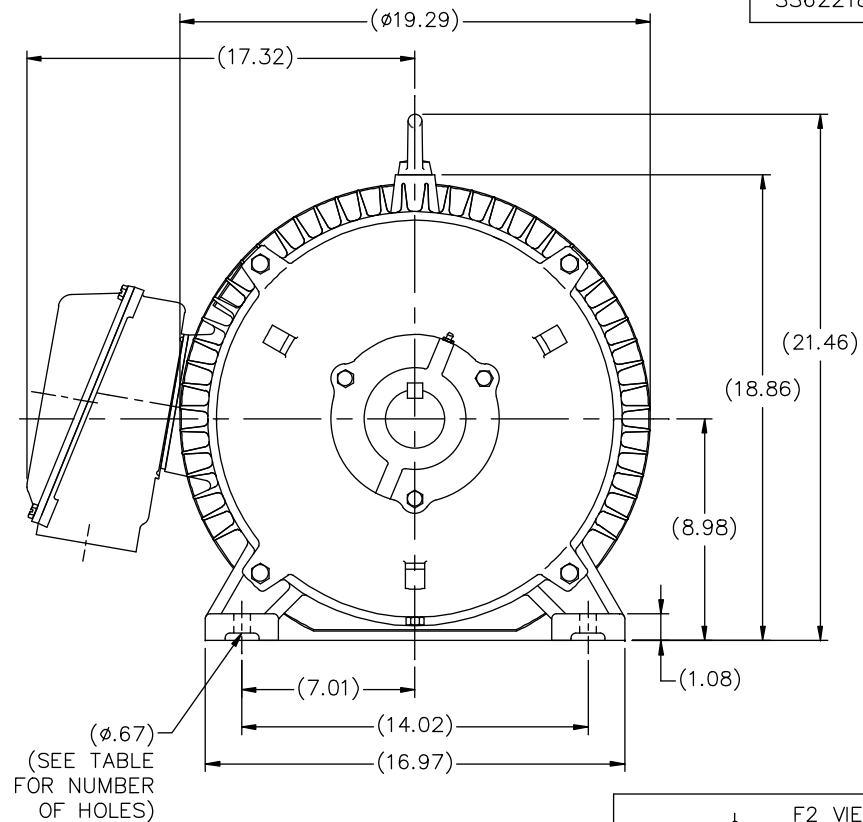
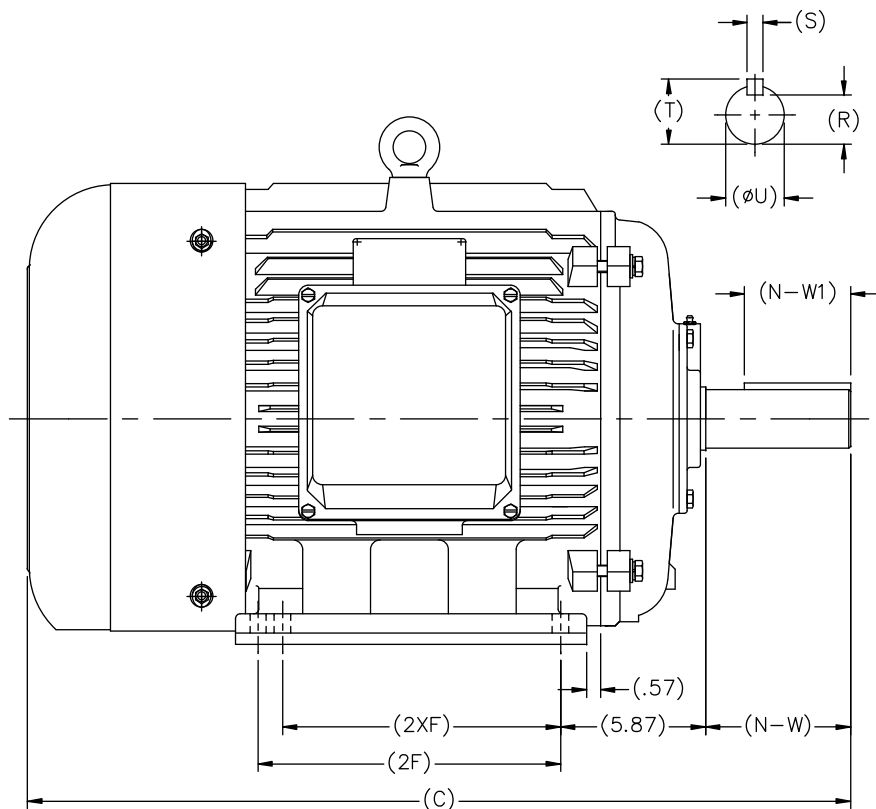
Nameplate Specifications

Output HP	75 Hp	Output KW	56.0 kW
Frequency	60 Hz	Voltage	575 V
Current	68.5 A	Speed	1785 rpm
Service Factor	1.15	Phase	3
Efficiency	95.8 %	Power Factor	85.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	365T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

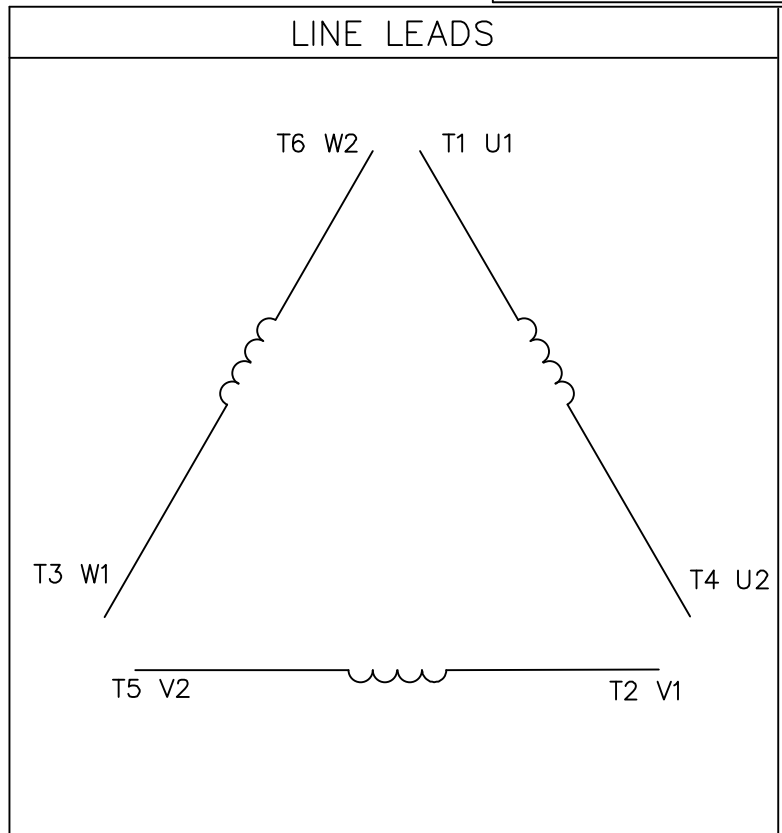
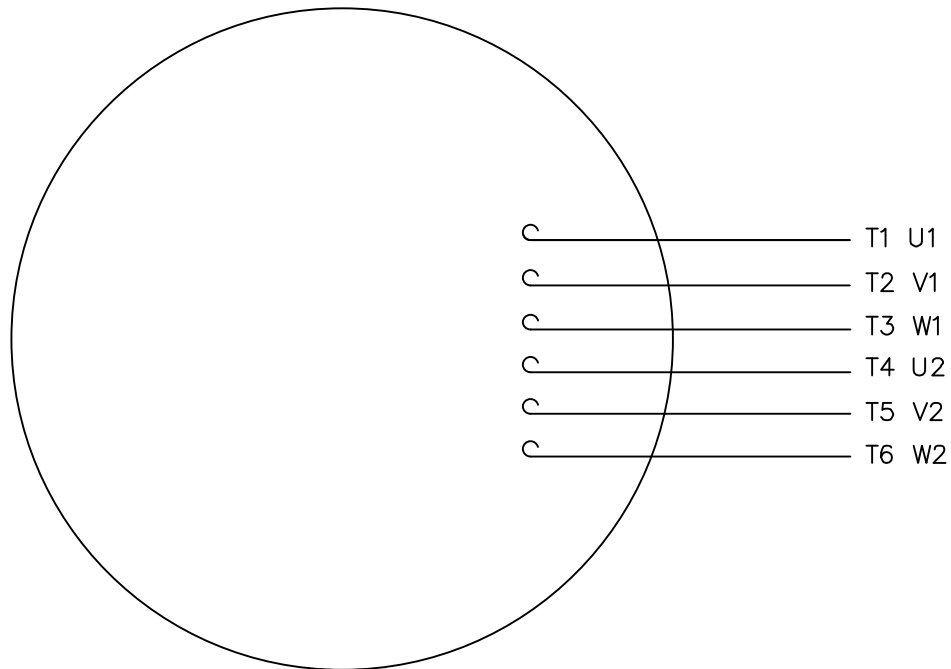
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.051 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	32.32 in
Shaft Diameter	2.375 in	Shaft Extension	3.74 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	SS622180LN	Connection Drawing	005190.01ME

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FRAME	C	2F	2XF	HOLES	N-W	N-W1	øU	R	S	T
NT364TS-2	30.20	11.26	---	4						
NT365TS-2	31.18	12.24	11.26	6	3.74	2.05	1.87	1.59	0.50	2.09
NT364T-4, 6	32.32	11.26	---	4						
NT365T-4, 6	33.31	12.24	11.26	6	5.87	4.29	2.37	2.01	0.63	2.64

		TOLERANCES UNLESS SPECIFIED				Lincoln MOTORS		DRAWN MSG 02-13-2007	
		DEC.	INCHES					CHK	ML 02-16-2207
		.X	±.1					APPD	SB 02-23-2007
		.XX	±.03			TITLE OUTLINE		SCALE	1=5
		.XXX	±.005			360 FR. - TEFC - (REDESIGNED)		REF	
1	ADDED F2 VIEW	SB	.XXXX ±.0005	TJW 7/9/2013		MAT'L.		FMF	HEBEI
NO. REVISION		CHK	ANG	BY & DATE		FINISH		PREV	
		RFP		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		CAD FILE SS622180LN		SIZE	DRAWING NO. PAGE OF REV.
		DIST						B	SS622180LN 1



	L1	L2	L3	JOIN
START (WYE)	T1 U1	T2 V1	T3 U2	(T4, T5, T6) (U2, V2, W2)
RUN (DELTA)	(T1, T6) (U1, W2)	(T2, T4) (V1, U2)	(T3, T5) (W1, V2)	

		TOLERANCES UNLESS SPECIFIED		DRAWN PG 05/07/82					
		DEC.	INCHES	CHK					
		.X	±.1	APPD TEM 05/07/82					
03	ADDED IEC DESIGNATIONS	MOL	04/27/12	SCALE 1=1					
02	REMOVED OBSOLETE STATUS	KJH	06/28/99	REF					
01	REDRAWN ON CAD	DBT	05/30/97	FMF					
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	SINGLE VOLTAGE	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		00519001ME	SIZE	DRAWING NO.	REV.
			DIST				A	005190-01ME	03

Data Sheet

Date: 6/19/2017

Customer: _____

Attention: _____

Submitted by: FAREEDA DUDEKULA



365TTC6041

Submittal

Data @ 575 V

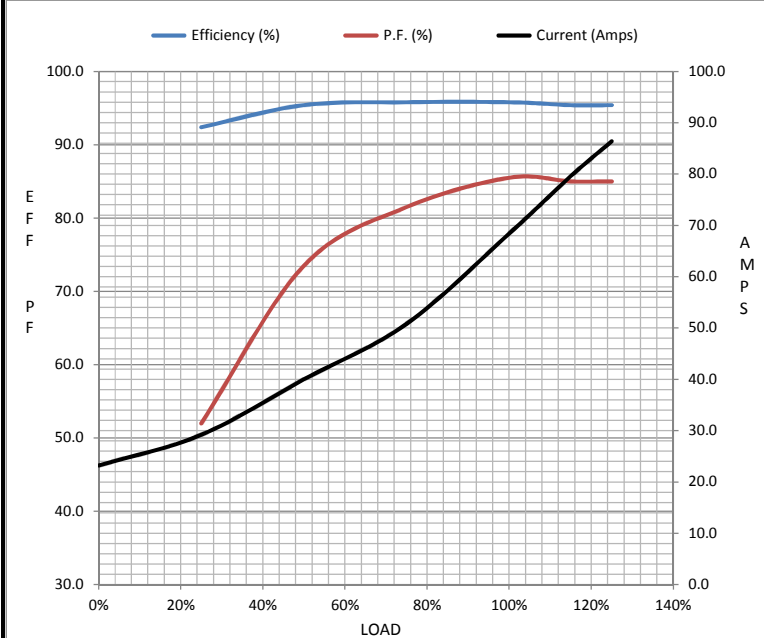
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	23.2	29.2	40.0	50.8	68.4	79.6	86.4	404
Torque (ft-lb)	0.00	55.0	110	165	221	254	277	373
RPM	1800	1797	1795	1790	1785	1,783	1780	0
Efficiency (%)		92.4	95.4	95.8	95.8	95.4	95.4	
P.F. (%)	4.5	52.0	73.5	81.5	85.5	85.0	85.0	30.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1720	1785	1800
Current (Amps)	404	360	256	68.4	23.2
Torque (ft-lb)	373	288	594	221	0.00

Information Block				
HP	75.0			
Sync. RPM	1800			
Frame	365			
Enclosure	TEFC			
Construction	TFC			
Voltage	575 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	T18304018 NONE			
Sound Pressure @ 1M	57 dBA			
VFD Rating	NONE			
Outline Dwg	SS622180LN			
Conn. Diag	5190.01ME			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed -Torque Curve

