

PRODUCT INFORMATION PACKET



Model No: 365TSHFS19005AN

Catalog No: 811568.00

.75HP..3570RPM.365.TEFC.V.3PH.60HZ.CONT.40C.1.15SF.RIGID.365TSHFS19005AN.....IEEE-841.NOT.....

IEEE 841



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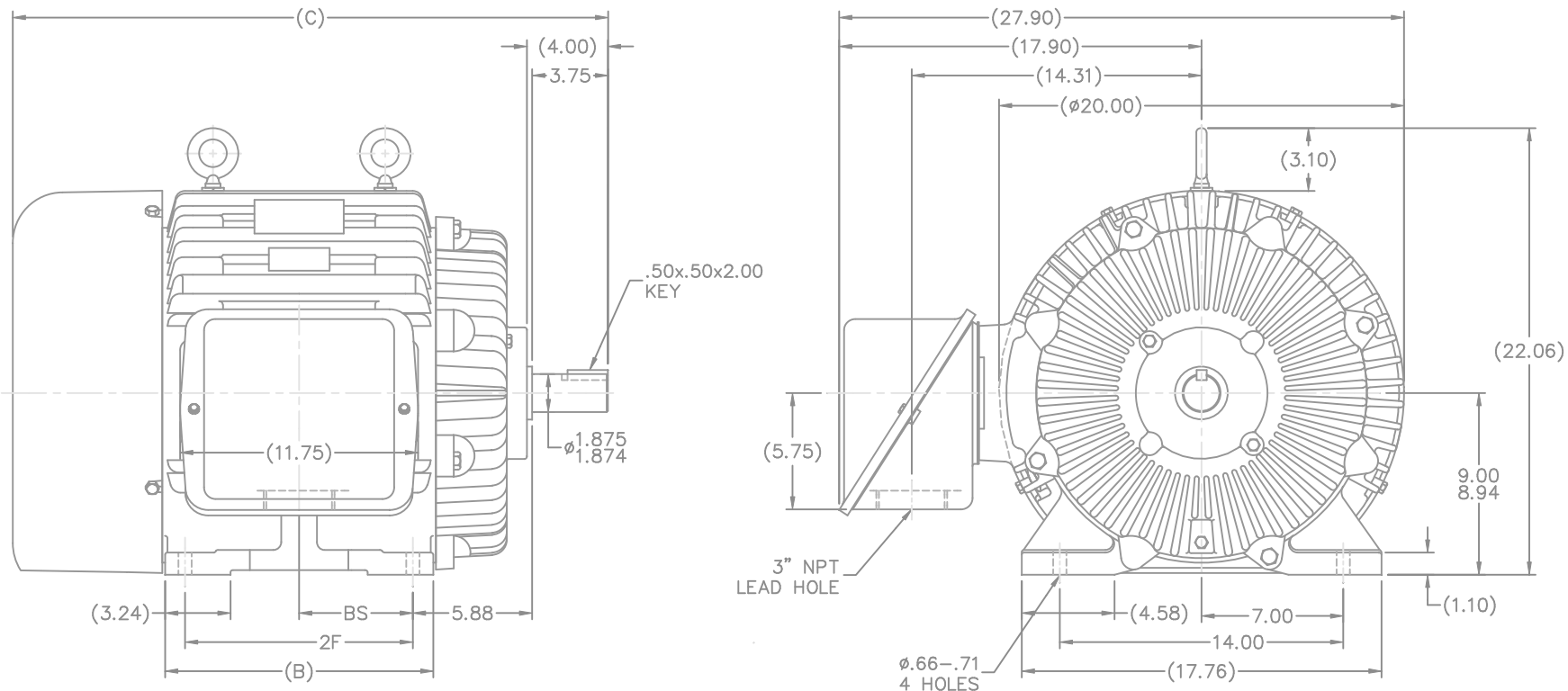


Nameplate Specifications

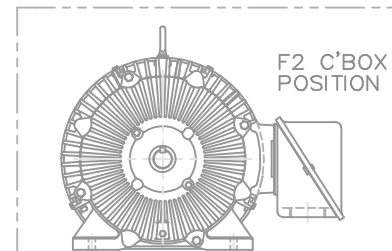
Output HP	75 Hp	Output KW	56.0 kW
Frequency	60 Hz	Voltage	460 V
Current	84.0 A	Speed	3555 rpm
Service Factor	1.15	Phase	3
Efficiency	94.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Frame	365TS
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6312
Opp Drive End Bearing Size	6312	UL	Recognized
CSA	Y	CE	Y
IP Code	56		

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	Cast Iron	Shaft Type	TS
Overall Length	30.38 in	Frame Length	14.50 in
Shaft Diameter	1.875 in	Shaft Extension	3.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	B-SS508654LE-1450	Connection Diagram	A-EE7300U-LE

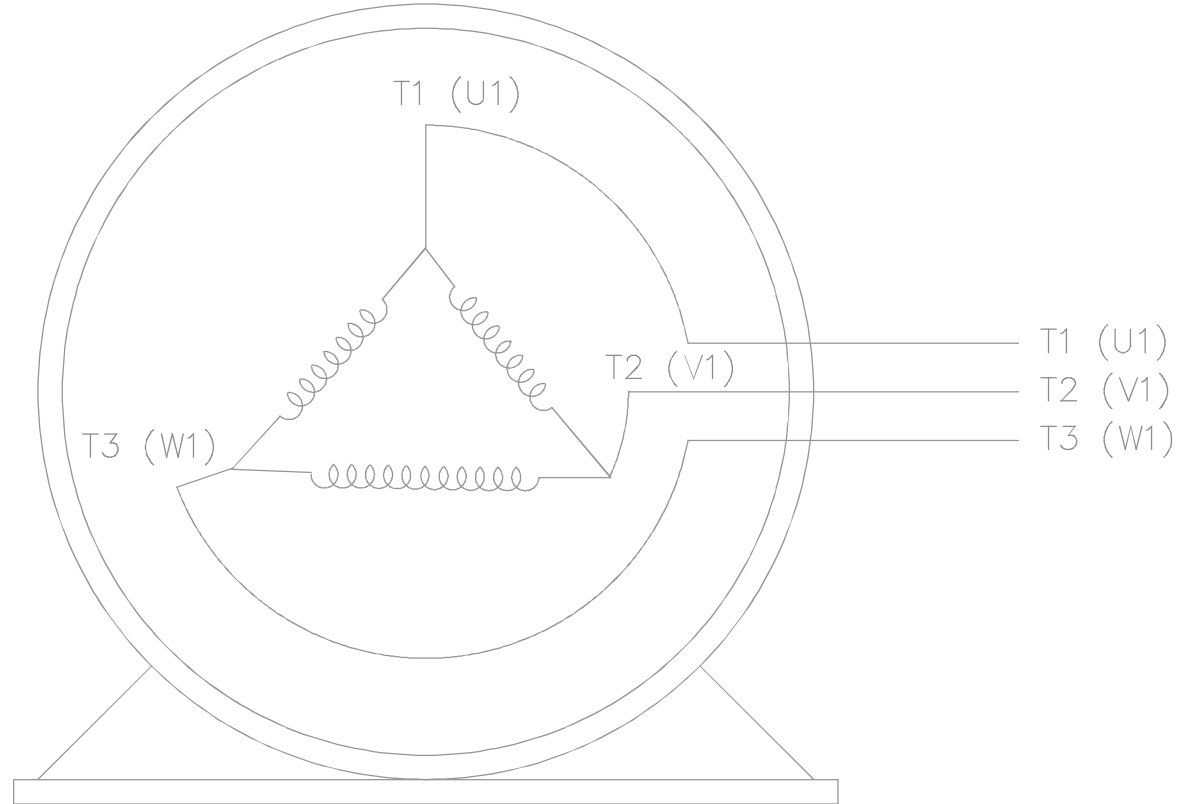


- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

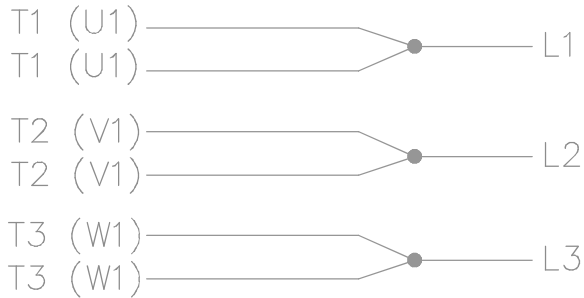


DASH	FRAME	B	C	2F	BS
1350	364TS	13.25	29.38	11.25	5.62
1450	365TS	14.25	30.38	12.25	6.12


NO.		REVISION	BY & DATE	CHK	ANG	FINISH	ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN	RWR	09-25-2008	
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				DIST	WA		B	SS508654LE				



IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KL 03-24-2003				
			DEC.	INCHES		CHK GFH 03-24-2003	APPD JES 03-24-2003			
			.X	± -	TITLE CONNECTION DIAGRAM 3Ø SINGLE VOLTAGE MAT'L. FINISH	SCALE 1=1	REF			
			.XX	± -		FMF	PREV			
			.XXX	± -						
			.XXXX	± -						
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1	NEW DRAWING MU45909	KL 03-24-2003					A	EE7300U-LE	1	1

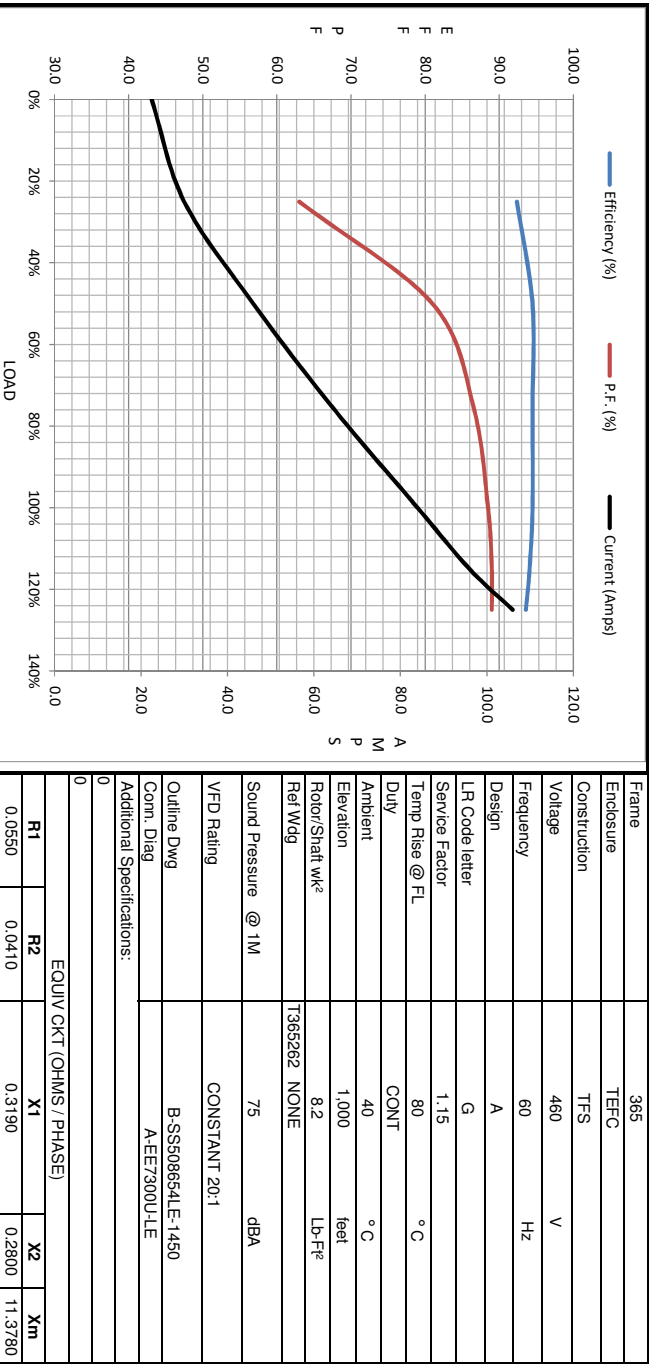
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Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	22.5	30.0	46.0	64.0	84.0	96.0	106	542	
Torque (ft-lb)	0.00	27.5	55.0	83.0	111	128	140	180	
RPM	3600	3590	3580	3585	3555	3545	3540	0	
Efficiency (%)		92.4	94.5	94.5	94.5	94.1	93.6		
P.F. (%)	6.0	63.0	81.0	86.5	88.5	89.0	89.0	31.5	

Motor Speed Data						Information Block									
LR	Pull-Up	BD	Rated	Idle		HP	Sync. RPM	Frame	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL
0	1800	3350	3555	3600		75.0	3600	365	TEFC	460	60	A	G	1.15	80
542	488	335	84.0	22.5					TFS	460	60	A	G	80	80
Torque (ft-lb)	180	162	320	111	0.00										



EQUIV CKT (OHMS / PHASE)			
R1	R2	X1	Xm
0.0550	0.0410	0.3190	11.3780
Additional Specifications:			
0			
Outline Dwg B-SS50863ALE-1450			
Conn. Diag A-EET300U-LE			
VFD Rating CONSTANT 20:1			
Sound Pressure @ 1M 75 dBA			
Rotor/Shaft wk ² 8.2 lb-Ft ²			
Rel Wdg T365262 NONE			
Ambient 40 °C			
Elevation 1,000 feet			
Design CONT			
Temp Rise @ FL 80 °C			
Service Factor 1.15			
LR Code letter G			
Voltage 460 V			
Construction TFS			
Frame 365			
Sync. RPM 3600			
HP 75.0			

