

PRODUCT INFORMATION PACKET



Model No: 811594.00
Catalog No: 811594.00
300 HP, Severe Duty Motor, 3 phase, 1800 RPM, 460 V, 447/449T Frame, TEFC
Severe Duty Motors

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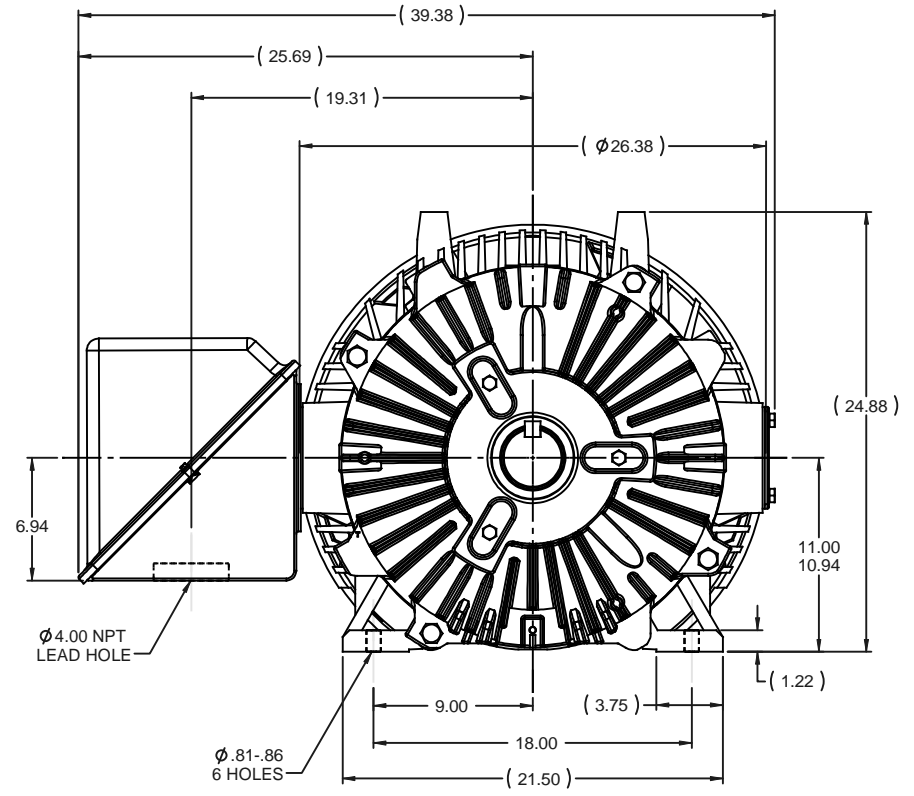
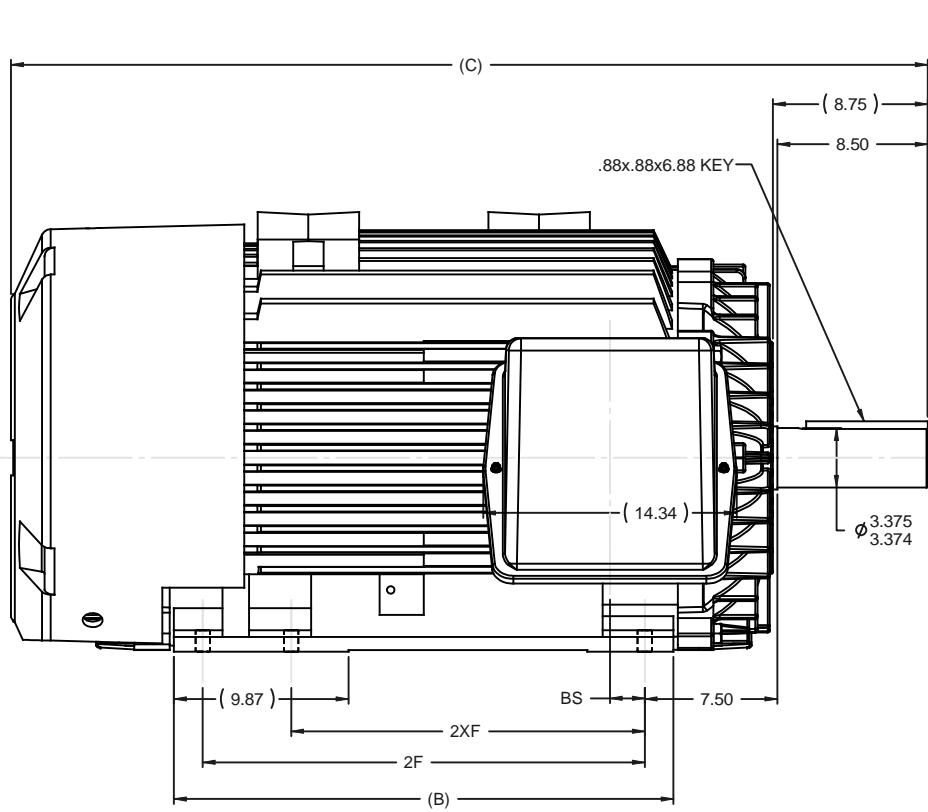


Nameplate Specifications

Output HP	300 Hp	Output KW	224.0 kW
Frequency	60 Hz	Voltage	460 V
Current	339.0 A	Speed	1785 rpm
Service Factor	1.15	Phase	3
Efficiency	96.5 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	447/449T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6318
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		


Technical Specifications

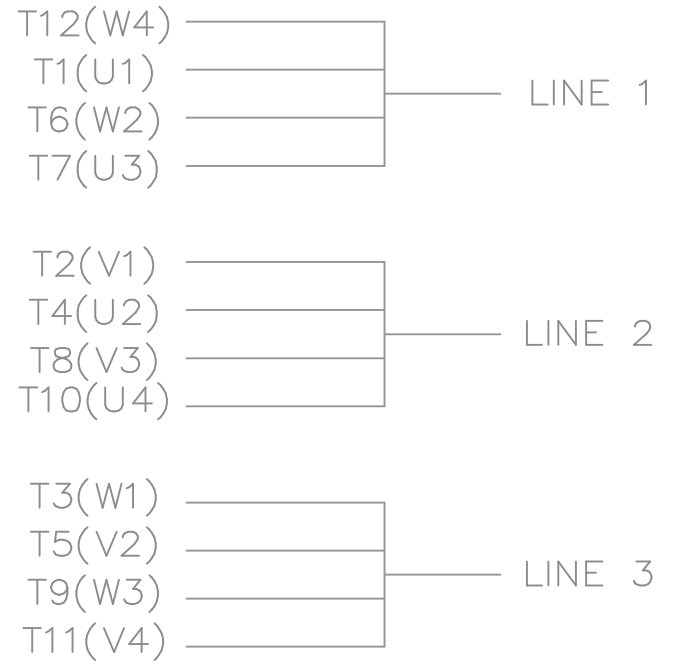
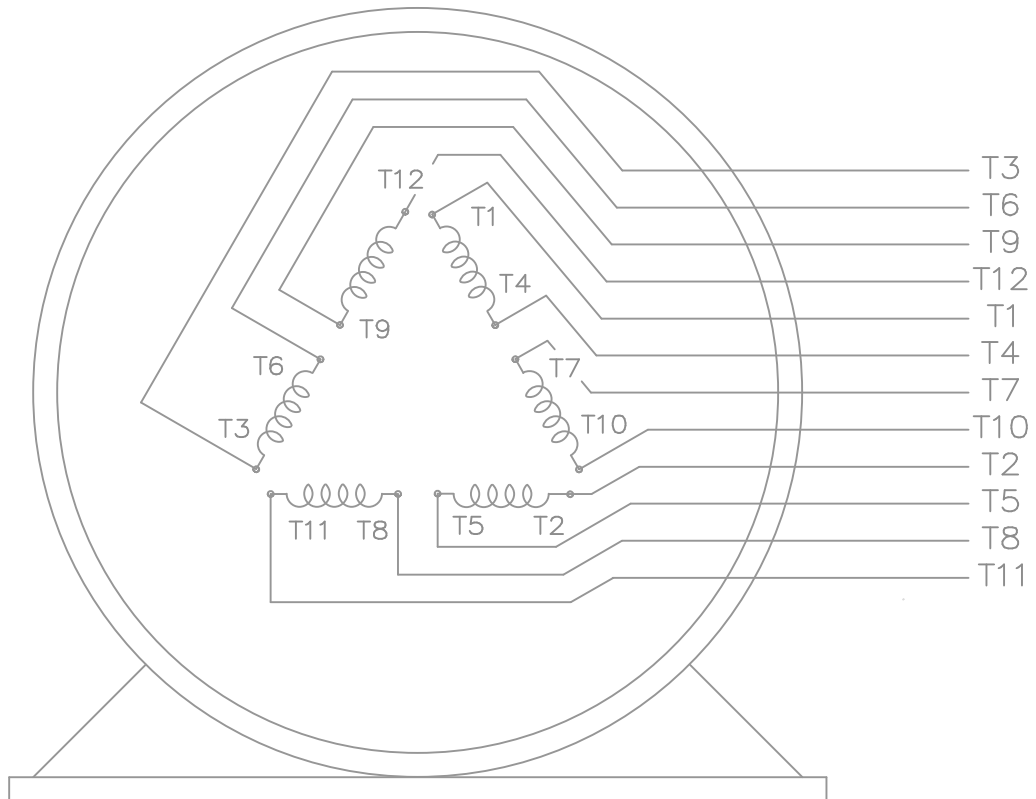
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.0085 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	48.09 in
Frame Length	28.75 in	Shaft Diameter	2.375 in
Shaft Extension	4.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300BH-LE	Outline Drawing	B-SS515631LE-2875




- NOTES:
 1- C'BOX CAN BE ROTATED IN 90° STEPS.
 2- NAMEPLATES TO BE READ FROM C'BOX SIDE OF MOTOR.
 3- C'BOX CAN BE MOUNTED IN F2 POSITION.

DASH	FRAME	B	C	2F	2XF	BS
2875	447T	28.25	51.84		20.00	1.97
2875	449T	28.25	51.84	25.00		1.97

		TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN KL 07-23-2002	
		DEC	INCHES			CHK DJK 07-23-2002	
3	REMOVED BAFFLE CN 39113	DRS 07-22-2005	ML XX ±.03	TITLE OUTLINE		SCALE 1:7	
2	ADDED EXTERNAL BAFFLE CN 39113	DRS 06-22-2008	ML XXX ±.005	447-449T FR. - TEFC - STD.		REF	
1	NEW DRAWING MU42766	KL 07-23-2002	XXX ±.0005	MATL		FMF	
NO	REVISION	BY & DATE	CHK ANG ±7'30"	FINISH		PREV	
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VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KL 11-20-2003 CHK ML 11-21-2003 APPD EAB 11-21-2003			
				DEC.	INCHES		SCALE 1=1			
				.X	± -		REF			
				.XX	± -		TITLE CONNECTION DIAGRAM - EXTERNAL 12 LEAD - SINGLE VOLTAGE			
				.XXX	± -					
1	ADDED IEC TERMINAL MARKINGS	CN 41429	JJB 05/24/2007	ML	.XXXX	MAT'L.	FMF MU49029			
NO.	REVISION	BY & DATE	CHK	ANG	± -	FINISH	PREV			
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				DIST	WA-LB-SB					