PRODUCT INFORMATION PACKET

Model No: 811548.00 Catalog No: 811548.00 OBSOLETE REPLACED BY 184THFS9001 Severe Duty Motors



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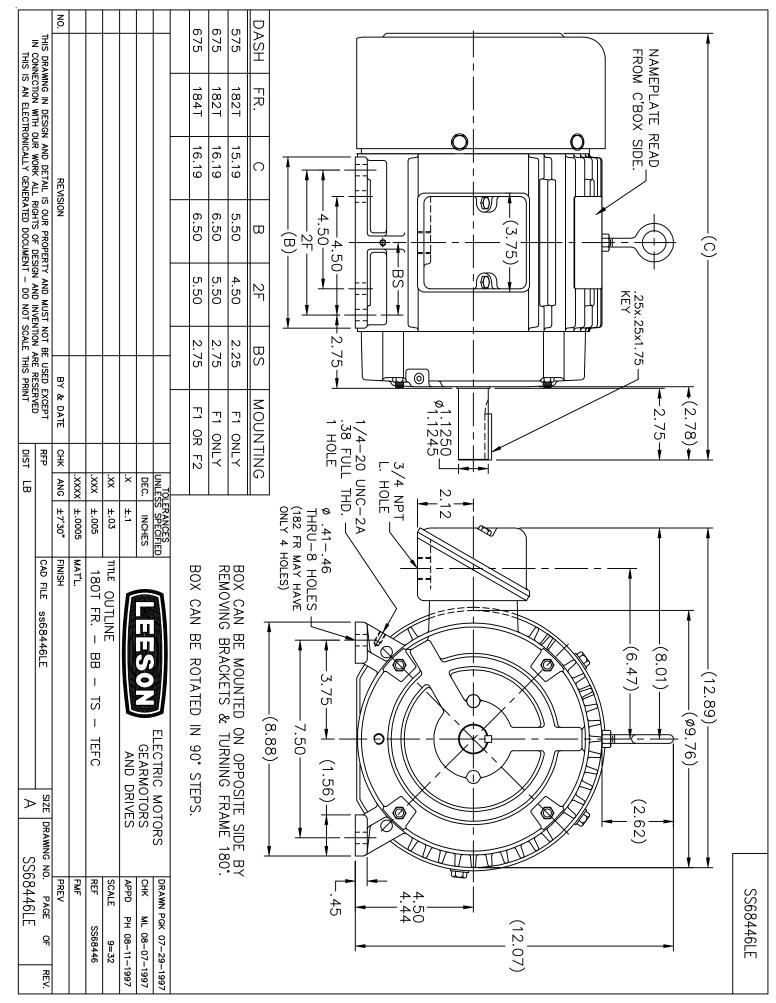
Nameplate Specifications

Output HP	5 Нр	Output KW	3.7 kW
Frequency	60 Hz	Voltage	460 V
Current	5.9 A	Speed	3505 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	89
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	J
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	206	Opp Drive End Bearing Size	205
UL	Recognized	CSA	Υ
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	2.32 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	т	Overall Length	16.19 in
Frame Length	6.75 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300-LE	Outline Drawing	A-SS68446LE-675

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							A-EE7300-LE
	THREE PHASE – SINGLE VOLTAGE Motor – conduit box @ 'A'					В	
	TO REVERSE ROTATION:					ТІ	
	INTERCHANGE ANY TWO LINE LEAD CONNECTIONS	/					
						3 / //	——— ТІ
		С					——— T2
	IF MOTOR HAS 6 LEADS				666	eee	—— ТЗ
-			T3			T2 / //	
-							
-	Γ2 —		\geq				
			/ ``				
	Γ3						
	► L3			VI	EW OF	TERMINAL END	
	Γ3						
	A-9806 DECAL						
				UNLES	DLERANCES SS SPECIFIED TOLERANCE	ELECTRIC MOTOR GEARMOTORS	S DRAWN MSG 05-22-2002 CHK ML 05-22-2002
				.x .xx	±. ±.02	TITLE CONNECTION DIAGRAM	APPD GK 05-22-2002 SCALE
					±.005	SINGLE VOLT - 3Ø MOTOR	REF
1	NEW DRAWING	MSG 05-22-2	002 ML	.xxxx	±.0005	SURFACE ROUGHNESS MAT'L.	FMF
NO.	REVISION	BY DATE	СНК	ANG	±7'30'	1 1111511	PREV
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USI IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN AND INVENTION ARE I THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS	RESERVED.		HASED T WKA	- LB - V		RAWING NO. REV.

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1051 CHEYENNE AVE. GRAFTON, WI 53024 PH. 262-377-8810

CATALOG #: 811548.00

CONN. DIAGRAM: A-EE7300-LE

MOUNTING: F1/F2 CAPABLE

OUTLINE: A-SS68446LE-675 **WINDING #:** 1842116 7

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC, RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5	3.70	3600	3505	184T	TEFC	J	В

РН	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60	460	5.9	LINE OR INVERTER	CONTINUOUS	F3	1.15	40

FULL LOAD EFF:	89.5	3/4 LOAD EFF:	89	1/2 LOAD EFF:	88.4	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	89	3/4 LOAD PF:	85.5	1/2 LOAD PF:	77.5	87.5	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.	.R. TORQ	UE		B.D. TOR	QUE	F.L. RISE°C
7.5 LB-FT	40.5	12	LB-FT	160 %	22	LB-FT	293 %	50

SOUND P @ 3		SOUND	POWER	ROTO	DR WK^2	MAX	K. WK^2	SAFE ST	FALL TIME	STARTS / HOUR		ROX. R WGT
72	dBA	82	dBA	0.3	LB-FT^2	5.5	LB-FT^2	15	SEC.	2	125	LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	DIVISION 2	FALSE	NONE	GREEN - LEESON (EPOXY)

BEAR	RINGS	CREACE				SHAFT	FRAME
DE	ODE	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE		CAST IRON
206	205	POLIKEX EM	1	NONE	NONE	1144 STRESSPROOF (C-223)	CAST IRON

	THERMO-PROTE	CTORS		THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NONE Volts
*				INVERTER TORQUE: INV. HP SPEED RANG		2:1
Ν			Ĩ	ENCODER: NONE		
0				NONE NONE NONE		
т				BRAKE: NONE	NONE	
-				NONE P/N NO	NE	
E				NONE NONE FT-LB NONE	V NONE	Hz

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Image: Construction Note: Note: <th>Date:</th> <th>1/19</th> <th>/2018</th> <th></th> <th>Data S</th> <th>heet</th> <th></th> <th></th> <th>811548</th> <th>B.00</th> <th></th> <th></th>	Date:	1/19	/2018		Data S	heet			811548	B.00		
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Best (PFM) 100 10000 10000 10000		LR	Pull-Up	BD	Rated	Idle						
Tene 12.0 10.5 22.0 7.5 0.00 Sync. RPM 3600 Teno 184 France 184 France 184 Sond France 80 N N N Sond France 60 Hz Sond N Fraguency 60 Hz Sond N N Sond Fraguency 60 Hz Sond N Fraguency 60 Hz Sond N N N Good Good Good N N N N N Sond Provide Sond N N N N N Good Good N N N N N N N	beed (RPM)								Information Block			
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U E 100 5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0% 20%	40%			Speed -	40%	1.3920 urve	R2	X1		.8460 - 45.0 - 40.0 - 35.0 - 30.0	124.s
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