

PRODUCT INFORMATION PACKET

Model No: LM32049
Catalog No: LM32049
250HP..3000RPM.455TS.Drip Proof.415V.3PH.50HZ.CONT.....

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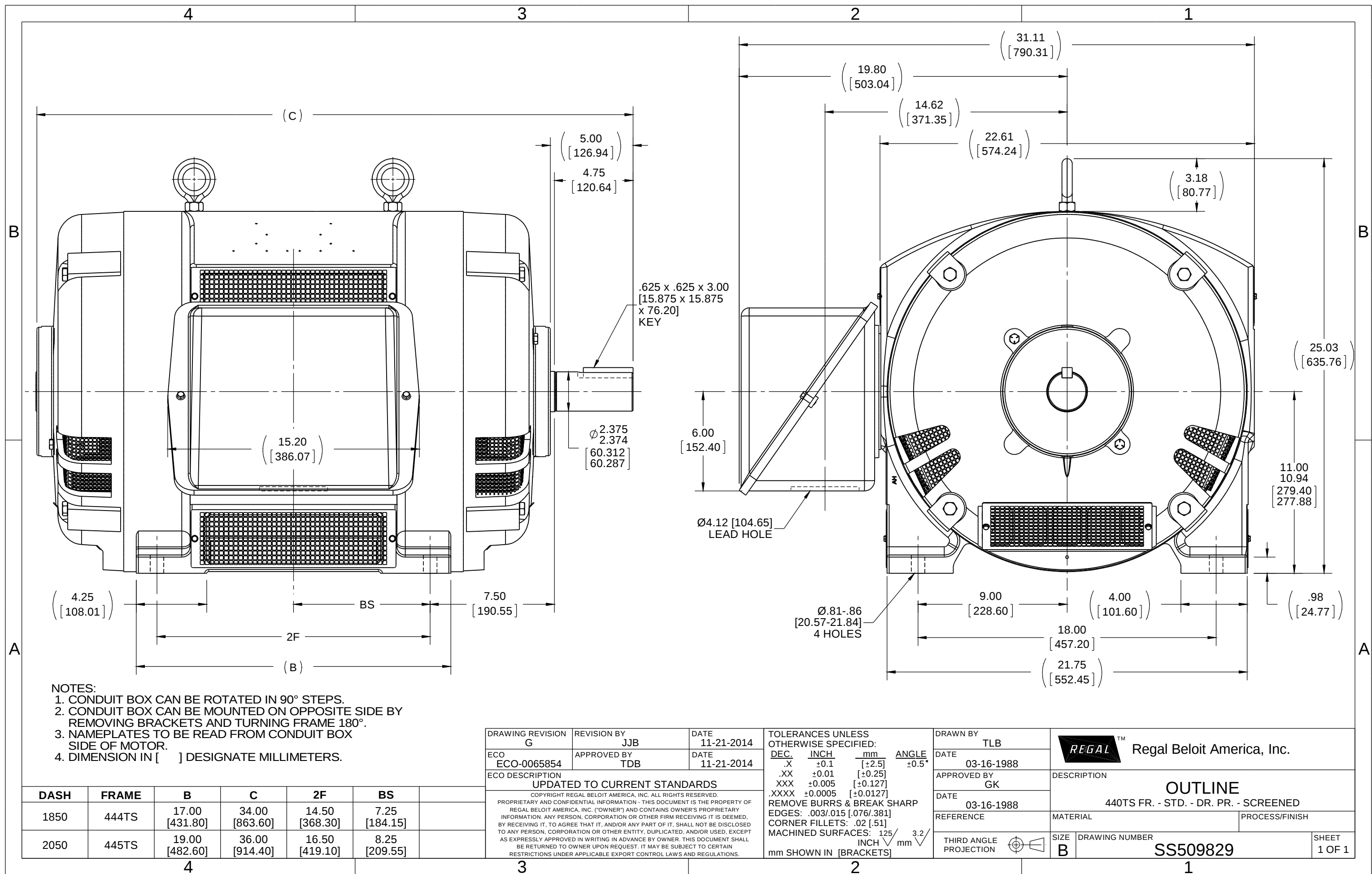
Nameplate Specifications

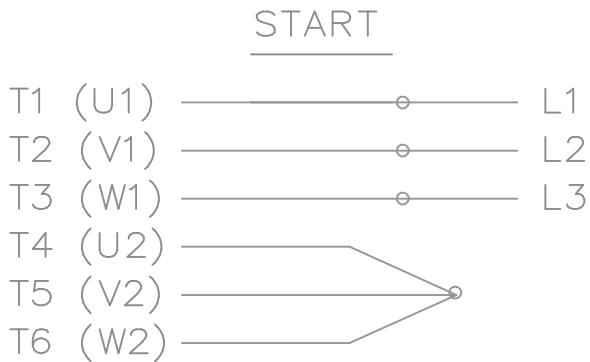
Output HP	250 Hp	Output KW	187.0 kW
Frequency	50 Hz	Voltage	415 V
Current	311.0 A	Speed	2960 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	445TS	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	50 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	No	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

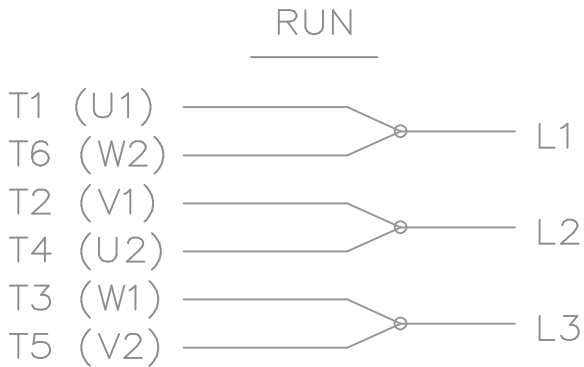
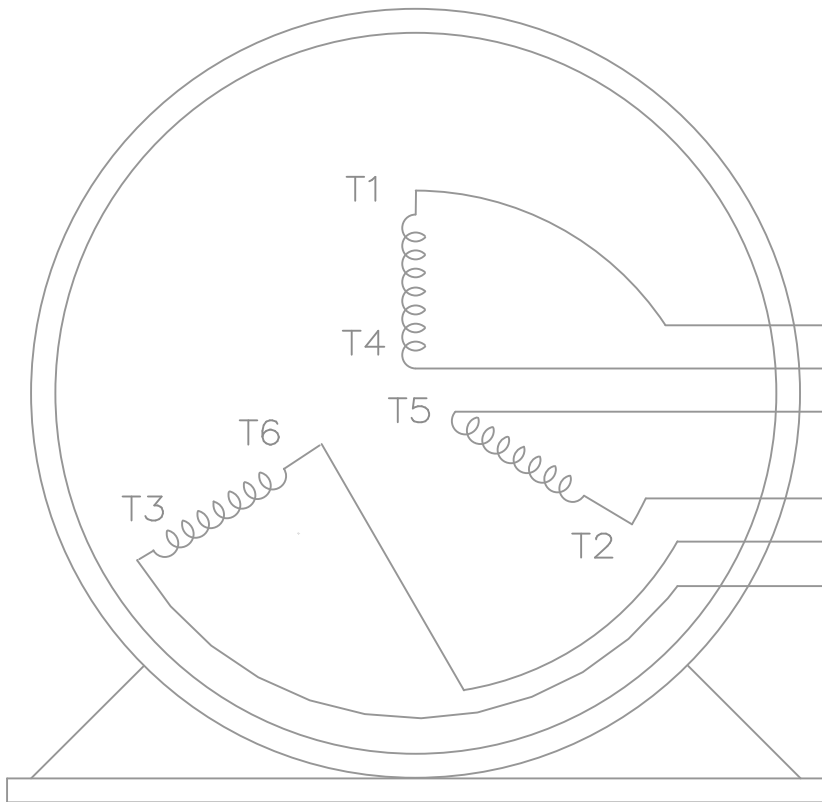
Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.015 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7340-LN	Outline Drawing	B-SS509829-2050

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THREE PHASE — Y START
 Δ RUN MOTOR



T1 (U1)
 T4 (U2)
 T5 (V2)
 T2 (V1)
 T6 (W2)
 T3 (W1)

T6CK
 T6BM
 T4CC
 T2DL
 T4C

NOTE:
 IEC LEAD MARKINGS ARE NOTED
 IN PARENTHESES

VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED			DRAWN BLR 10-04-1999		
			DEC.	INCHES		CHK DRS 10-04-1999		
			.X	±.1		APPD TB 10-04-1999		
3	REVISED TO MATCH M.E. ORIGINAL	TAT 07-25-2005	ML	.XX	±.02	TITLE CONNECTION DIAGRAM 3Ø — WYE START DELTA RUN	SCALE 1=1	
2	REVISED DRAWING MISTAKE CN 29200-2980	ERH 05-15-2003	ML	.XXX	±.005		REF	
1	NEW DRAWING	BLR 10-09-1999		.XXXX	±.0005	MAT'L.	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±'30"	FINISH	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 ee7340_In		SIZE A	DRAWING NO. EE7340-LN	PAGE OF 3
			DIST	WA-LB-SB				



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 415

CERTIFICATION DATA SHEET

CUSTOMER:
ORDER #:
CONN. DIAGRAM: A-EE7340-LN
OUTLINE: B-SS509829-2050
WINDING: T445264 NONE 2
SPEED:

CUSTOMER P.O. #:
REFERENCE MODEL #: LM32049
CAT #:
CUSTOMER PART #:
MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN				
250	187	3000	2960	445TS	DP	TDS	F	B				
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.			
3	50	415	311	WYE START DELTA RUN	CONT	F	1.15	50	3300			
F.L. EFF		94.1	3/4 LD EFF	94.5	1/2 LD EFF	94.1	GTD EFF	ELECT. TYPE				
F.L. PF		88.0	3/4 LD PF	86.5	1/2 LD PF	81.5	93.0	SQ CAGE IND RUN				
F.L. TORQUE		LR AMPS @ 460 V		L.R. TORQUE		B.D. TORQUE		F.L. RISE (° C)				
444	LB-FT	1,808		720	LB-FT	1,075 LB-FT		242%	65			
SOUND PRESSURE @ 3 FT.		SOUND	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	APROX.	MOTOR WGT			
80	dBA	89	dBA	31.0 LB-FT ²	- LB-FT ²	10 SEC.	2	1465	LB.			
*** SUPPLEMENTAL INFORMATION ***												
DE BRACKET TYPE		ODE BRACKET TYPE		MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT		
STANDARD		STANDARD		RIGID	HORIZONTAL	NO	NONE	NO	RODENT	RED (ENAMEL)		
BEARINGS		GREASE		SHAFT TYPE		SPECIAL DE		SPECIAL ODE		SHAFT MATERIAL	FRAME MATERIAL	
DE	ODE	POLYREX EM		TS		NONE		NONE		1045 HOT ROLLED (C-204)	CAST IRON	
BALL	BALL											
6313	6313											
THERMOSTATS		PROTECTORS		WDG RTD's		BRG RTD's		THERMISTORS		CONTROL	SPACE HEATERS	
NONE		NOT		NONE		NONE		NONE		FALSE	NA	
R1 (ohms/ph)		R2 (ohms/ph)		X1 (ohms/ph)		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT
0.016697715		0.013119633		0.110920533		0.095415512		4.030112708		0.150		ODE
* N O T E *						INVERTER TORQUE: NONE						
						INV. HP SPEED RANGE: NONE						
						ENCODER: NONE						
						NONE						
						NONE PPR						
PREPARED BY:					BRAKE: NONE							
DATE: 9/14/2022					NONE					NONE		
					FT-LB: NA							
					VOLTAGE: NONE					HZ:		
FORM: 3531 REV. 4 2/27/06					UL: NONE-INS UL REC							

