

PRODUCT INFORMATION PACKET



Model No: CCD4P25/30T6006YEH2
Catalog No: LM29850
30HP..1800RPM.284T.ODP.200V.3PH.60HZ.ELEVATOR.NOT.40C.1.0SF...
Elevator Duty



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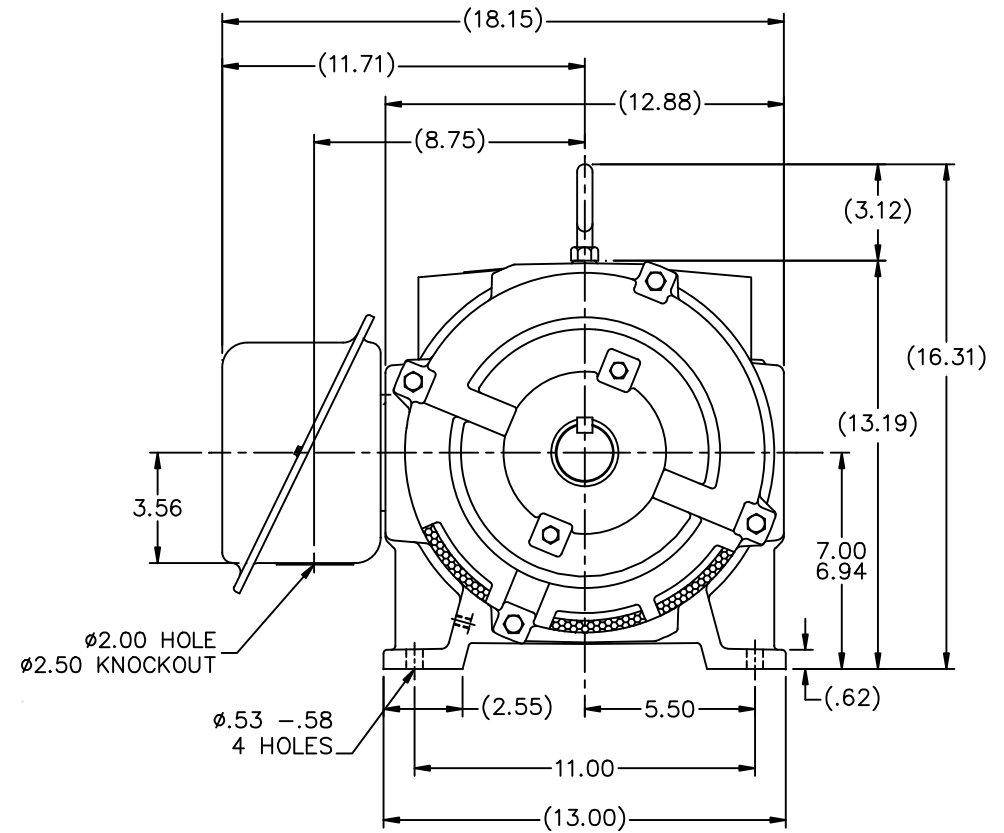
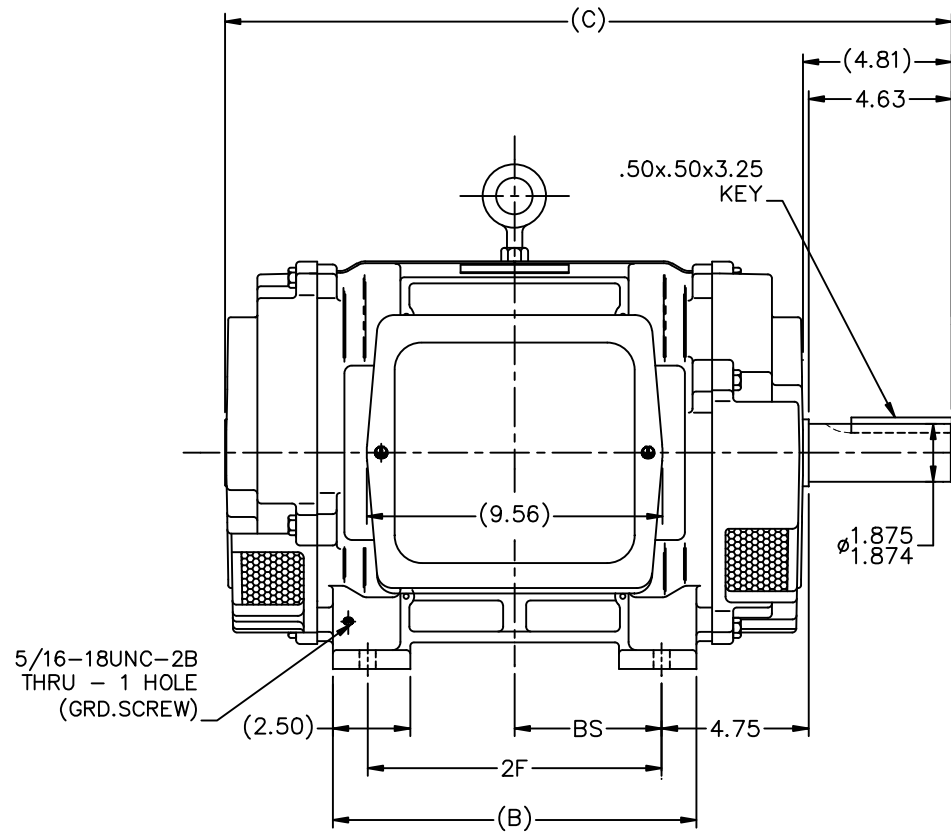


Nameplate Specifications

Output HP	25 Hp	Output KW	18.7 kW
Frequency	60 Hz	Voltage	200 V
Current	70.0 A	Speed	1765 rpm
Service Factor	1	Phase	3
Efficiency	91.7 %	Duty	120/80 Starts/Hour
Insulation Class	F	Design Code	INV
KVA Code	F	Frame	284T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	311
Opp Drive End Bearing Size	210	UL	Recognized
CSA	Y	CE	Y
IP Code	12		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Cast Iron	Shaft Type	T
Overall Length	23.49 in	Frame Length	12.75 in
Shaft Diameter	1.875 in	Shaft Extension	4.62 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	B-SS200030LN-1275	Connection Diagram	A-EE7340-LN



NOTES

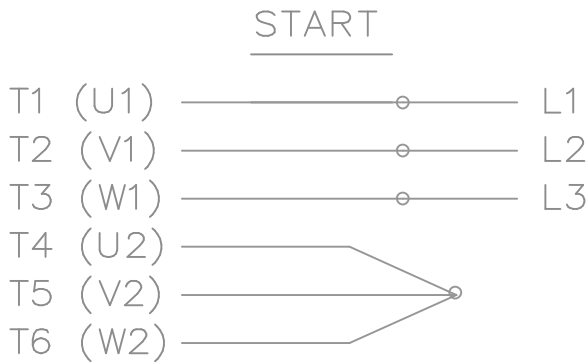
1. BOX CAN BE ROTATED IN 90° STEPS
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

DASH	FRAME	B	C	2F	BS
1275	284T	11.75	23.49	9.50	4.75
1425	286T	13.25	24.99	11.00	5.50

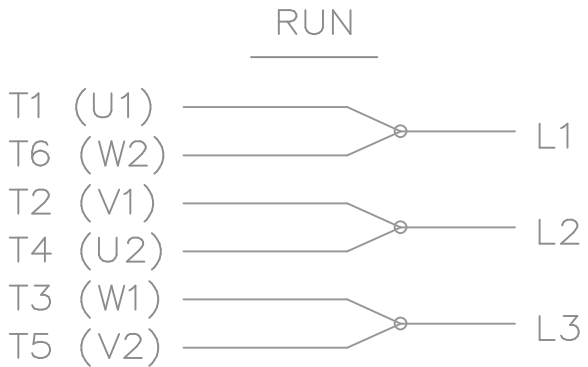
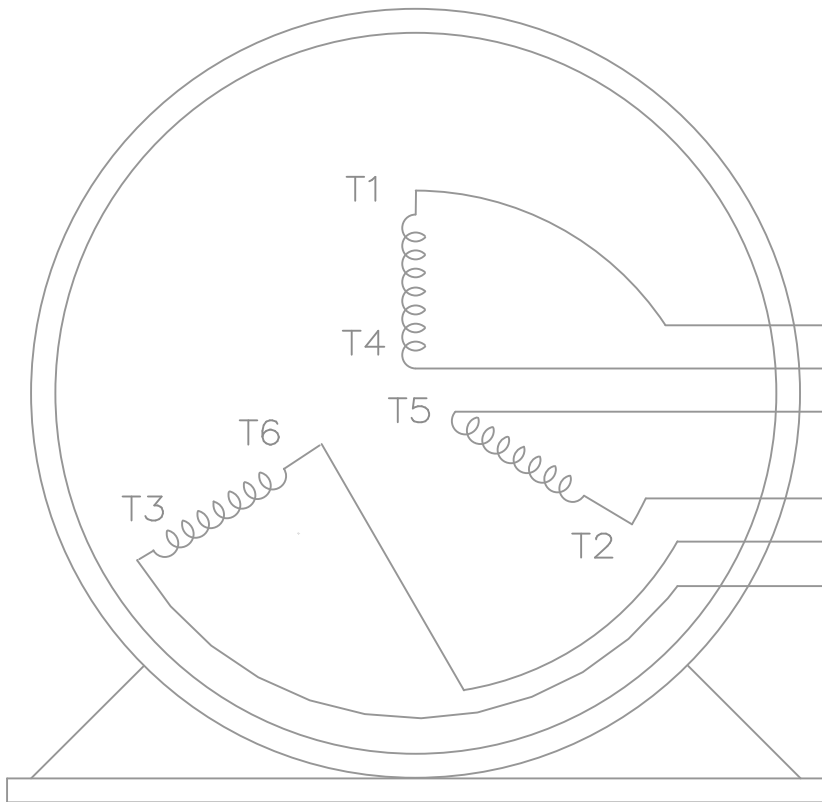
		TOLERANCES UNLESS SPECIFIED		Lincoln MOTOR		DRAWN CTO 12-12-2003	
		DEC.	INCHES			CHK	ML 12-12-2003
		.X	±.1			APPD	BW 12-12-2003
		.XX	±.03			SCALE	1=4
		.XXX	±.005			REF	
		.XXX	±.0005			FMF	MU49135
		CHK	ANG ±7°30"			PREV	
		RFP	12-12-2003			SIZE	DRAWING NO. PAGE OF REV.
		DIST	LB			B	SS200030LN 2

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TITLE OUTLINE - DR.PR. - CAST IRON
280T FR. - BB - TS - DBL. END VENT.



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	±7'30"	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	DRAWING NO.	PAGE OF	REV.
			DIST WA-LB-SB				A	EE7340-LN		3

Data Sheet

Date: 1/19/2018

LM29850



Data @ 200 V

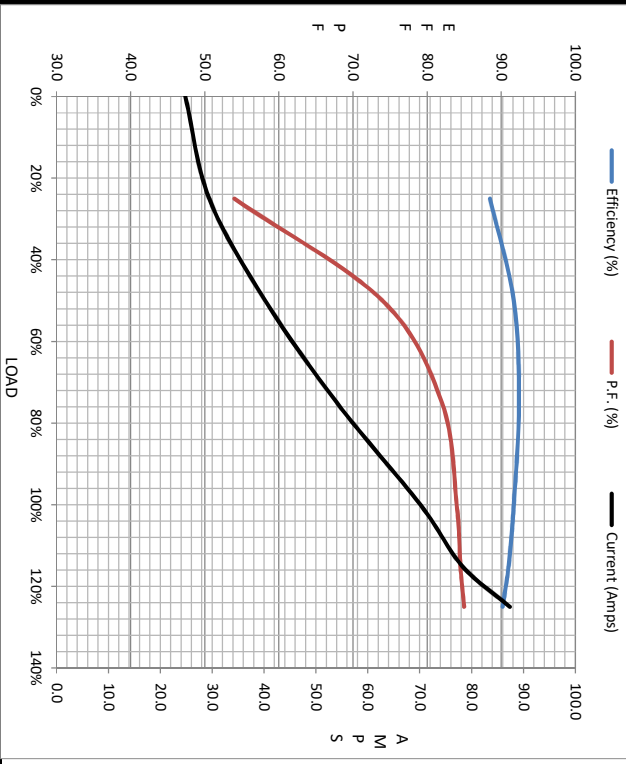
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	24.8	29.4	40.3	54.1	70.2	78.2	87.4	391
Torque (ft-lb)	0.00	18.5	36.5	56.0	74.5	84.0	94.0	120
RPM	1800	1795	1785	1775	1765	1,760	1,755	0
Efficiency (%)		88.5	91.7	92.4	91.7	91.0	90.2	
P.F. (%)	6.5	54.0	74.0	82.0	84.0	84.5	85.0	38.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1250	1650	1765	1800
Current (Amps)	391	357	242	70.2	24.8
Torque (ft-lb)	120	115	170	74.5	0.00

Information Block	
HP	25.0
Sync. RPM	1800
Frame	284
Enclosure	DP
Construction	TDP
Voltage	200#200 V
Frequency	60 Hz
Design	B
LR Code letter	F
Service Factor	1.15
Temp Rise @ FL	65 °C
Duty	60 MIN
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wk ²	2.70 Lb-Ft ²
Ret Wdg	K2564256 R2
Sound Pressure @ 1M	72 dBA
VFD Rating	NONE
Outline Dwg	B-SS200030LN-1275
Conn. Diag	A-EE7340-LN
Additional Specifications:	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0480	0.0310
X1	X2
0.1770	0.2630
Xm	4.8700



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Speed - Torque Curve

