

PRODUCT INFORMATION PACKET



Model No: SSD2P25/30T6006YEH2
Catalog No: LM30097
30HP..3600RPM.256T.ODP.200V.3PH.60HZ.ELEVATOR.NOT.40C.1.0SF...
Elevator Duty



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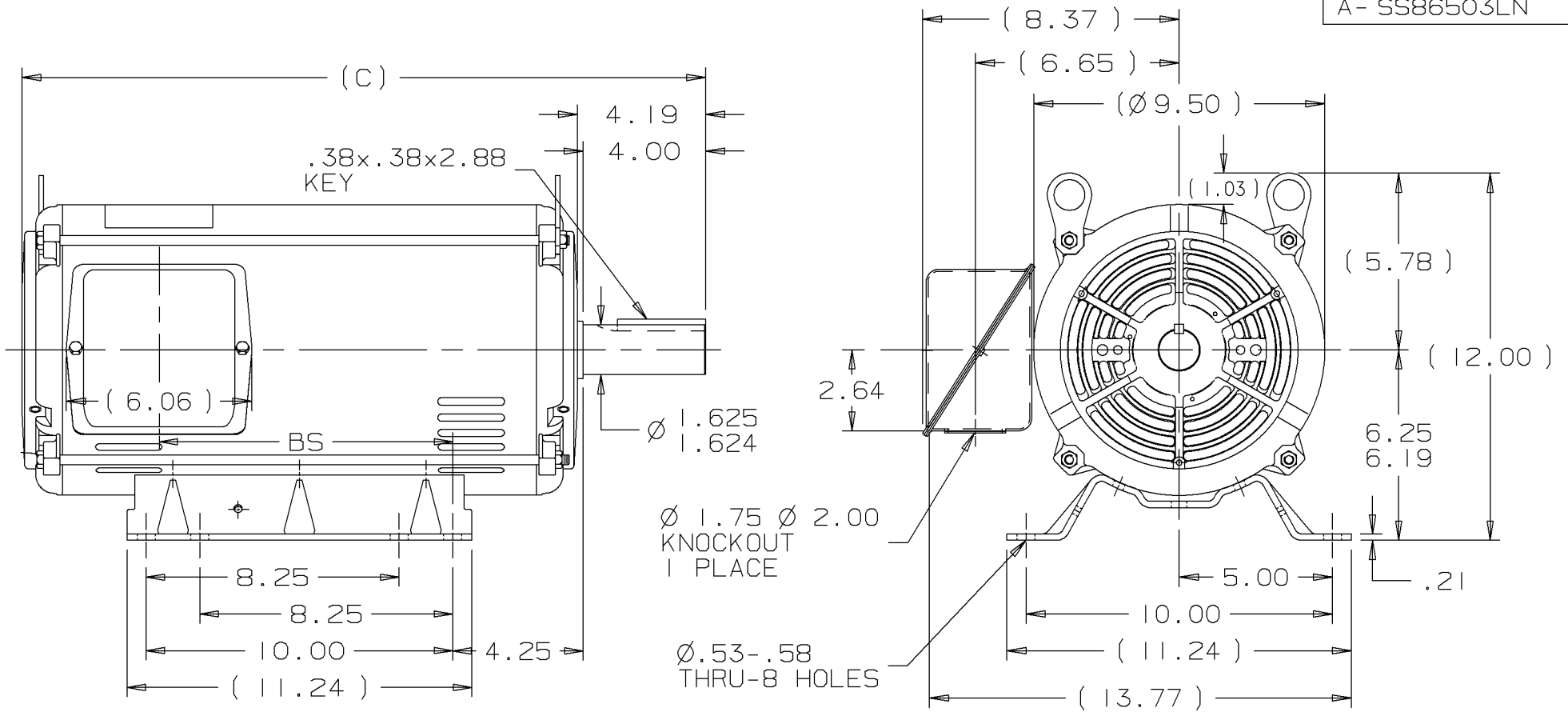


Nameplate Specifications

Output HP	25 Hp	Output KW	18.7 kW
Frequency	60 Hz	Voltage	200 V
Current	66.5 A	Speed	3520 rpm
Service Factor	1	Phase	3
Efficiency	91 %	Duty	120/80 Starts/Hour
Insulation Class	F	Design Code	INV
KVA Code	E	Frame	256T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	309
Opp Drive End Bearing Size	208	UL	Recognized
CSA	Y	CE	Y
IP Code	12		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	22.32 in	Frame Length	15.45 in
Shaft Diameter	1.625 in	Shaft Extension	4 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	A-SS86503LN-1545	Connection Diagram	A-EE7340-LN



DASH	FR.	C	BS	MOUNTING
1370	254T	20.57	7.68	F1 OR F2
1545	254T/256T	22.32	9.43	F1 OR F2

NOTES:

1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)
4. F2 MOUNT -USES 2ND HOLE ON 1370 FRAME.

						UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7'30"	
2	01-31-2000	UPDATED CONDUIT BOX PER	CN 28427	TJB	MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED		DRAWN BY TRB 07-20-1999
					FINISH		CHKD BY ML 07-20-1999
1	07-20-1999	NEW DRAWING		TRB	MATERIAL		APPD BY GK 07-20-1999
REV	DATE	CHANGE		NAME	PART NAME OUTLINE		DRWG NO
					250 FR. - BB - DR.PR.		A-SS86503LN



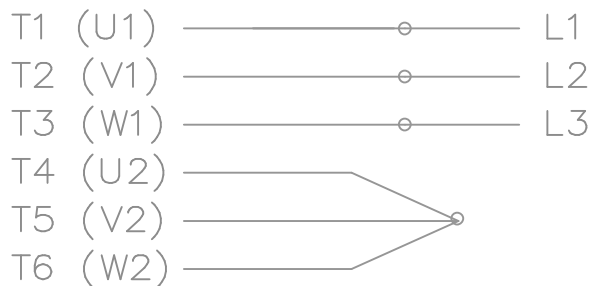
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ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--
```

```
STACK:
```

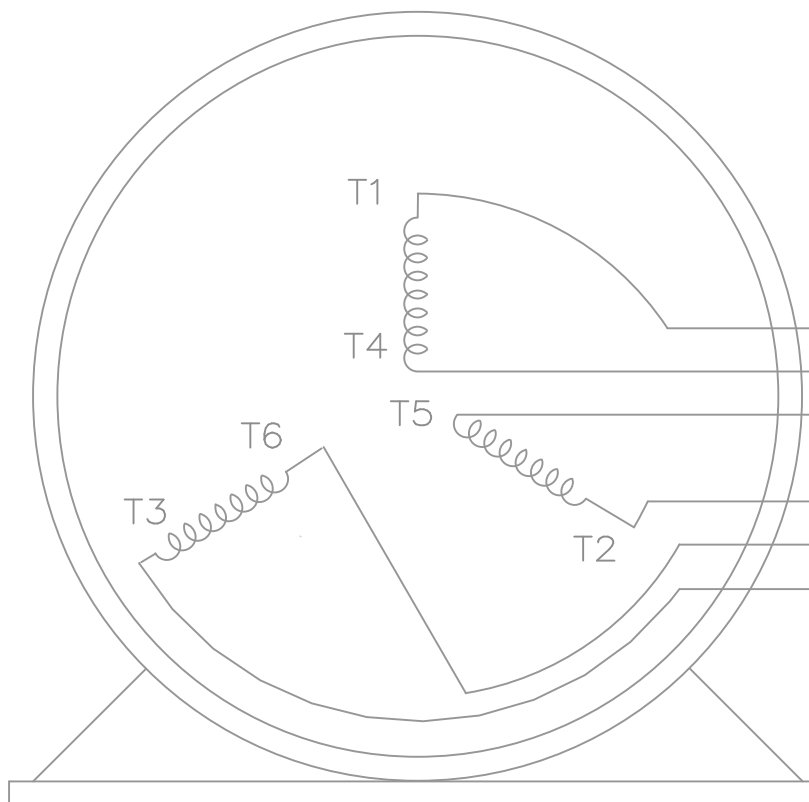
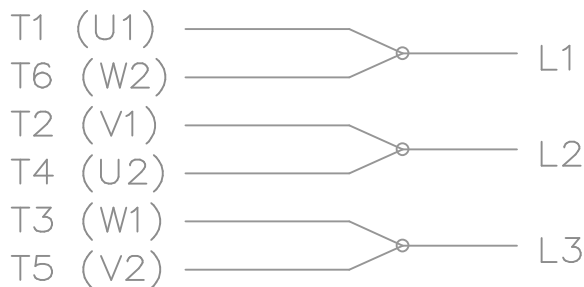
```
/RS  
-dictionary-  
/Pscript_WinNT_Compact  
-dictionary-
```

THREE PHASE – Y START
Δ RUN MOTOR

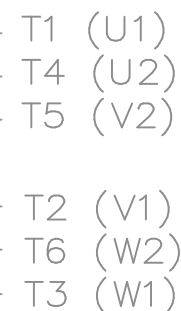
START



RUN




VIEW OF TERMINAL END



T6CK
T6BM
T4CC
T2DL
T4C

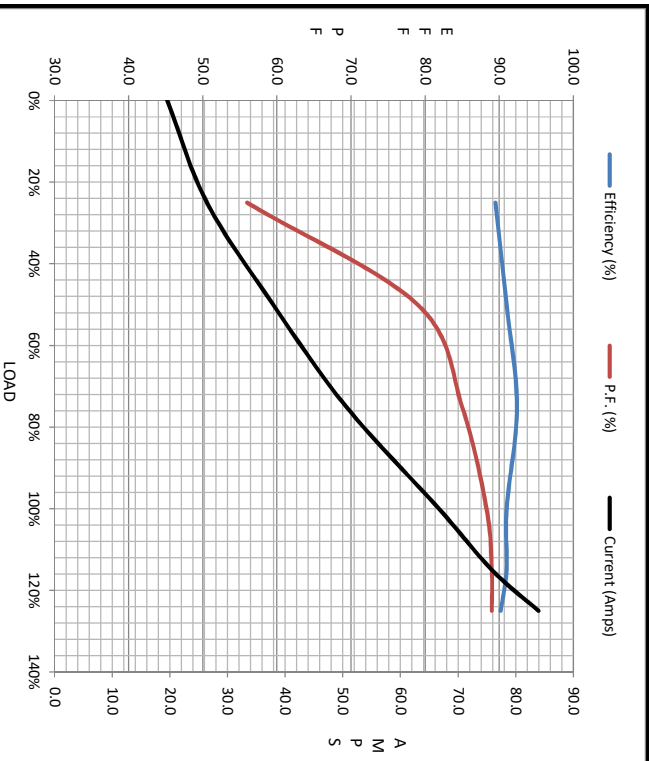
NOTE:
IEC LEAD MARKINGS ARE NOTED
IN PARENTHESES

			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 A	DRAWING NO. EE7340-LN	PAGE OF 3	REV. 3
			DIST	WA-LB-SB					



Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	19.6	26.5	38.0	50.6	66.7	419
Torque (ft-lb)	0.00	9.2	18.5	28.0	37.5	43.0
RPM	3600	3580	3565	3545	3520	3520
Efficiency (%)		89.5	91.0	92.4	91.0	90.2
P.F. (%)	6.0	56.0	79.0	85.0	88.3	89.0

Motor Speed Data						Information Block																					
Speed (RPM)	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Rel Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	
						25.0	3600	256	DP	TDX	200#200	60	A	G	1.15	55	60 MIN	40	1,000	0.75	K2152192 R3	78	dB(A)	NONE	A-SS86503LN-1545	A-EE7340-LN	
Speed (RPM)	0	1500	3100	3520	3600																						
Current (Amps)	419	380	288	66.7	19.6																						
Torque (ft-lb)	72.0	65.0	110	37.5	0.00																						



EQUIV CKT (OHMS / PHASE)			
R1	R2	X1	Xm
0.0110	0.0090	0.0390	0.0450
			1.3530

