PRODUCT INFORMATION PACKET



Model No: 182THFS19101 Catalog No: W504 1,900,TEFC,182T,3/60/460 Severe Duty



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Nameplate Specifications

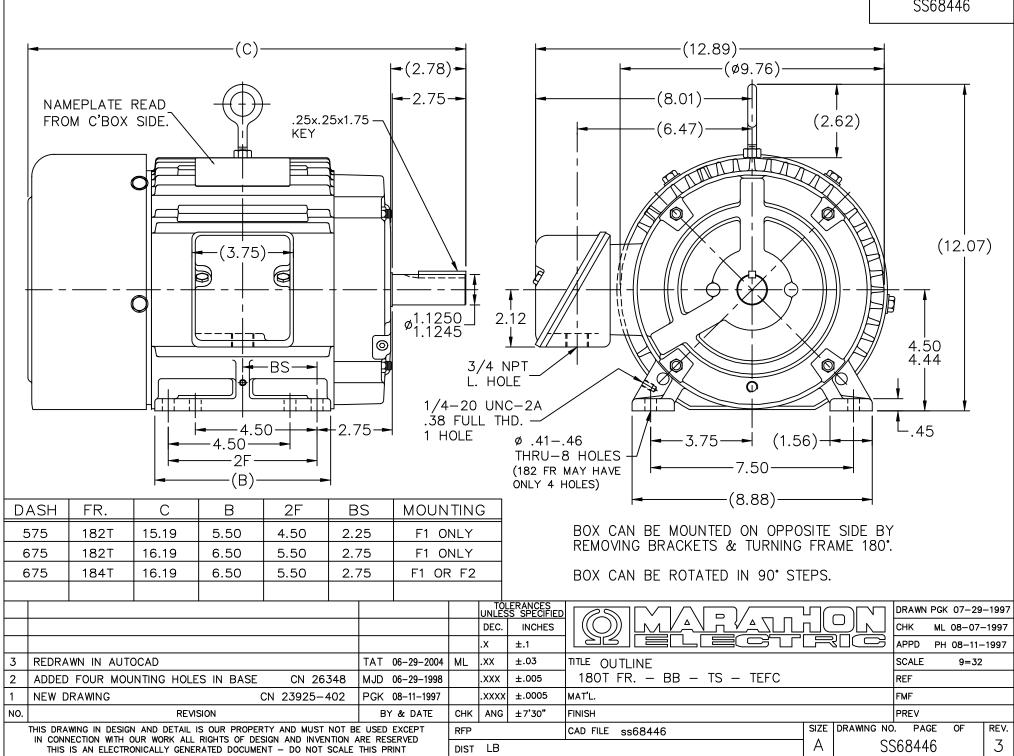
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	460 V
Current	1.9 A	Speed	870 rpm
Service Factor	1.15	Phase	3
Efficiency	78.5 %	Duty	Continous
Insulation Class	F	Design Code	В
KVA Code	G	Frame	182T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	Recognized
CSA	Υ	CE	Υ
IP Code	56		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	8	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	Т
Overall Length	15.19 in	Frame Length	5.75 in
Shaft Diameter	1.125 in	Shaft Extension	2.78 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	A-SS68446-575	Connection Diagram	A-EE7300

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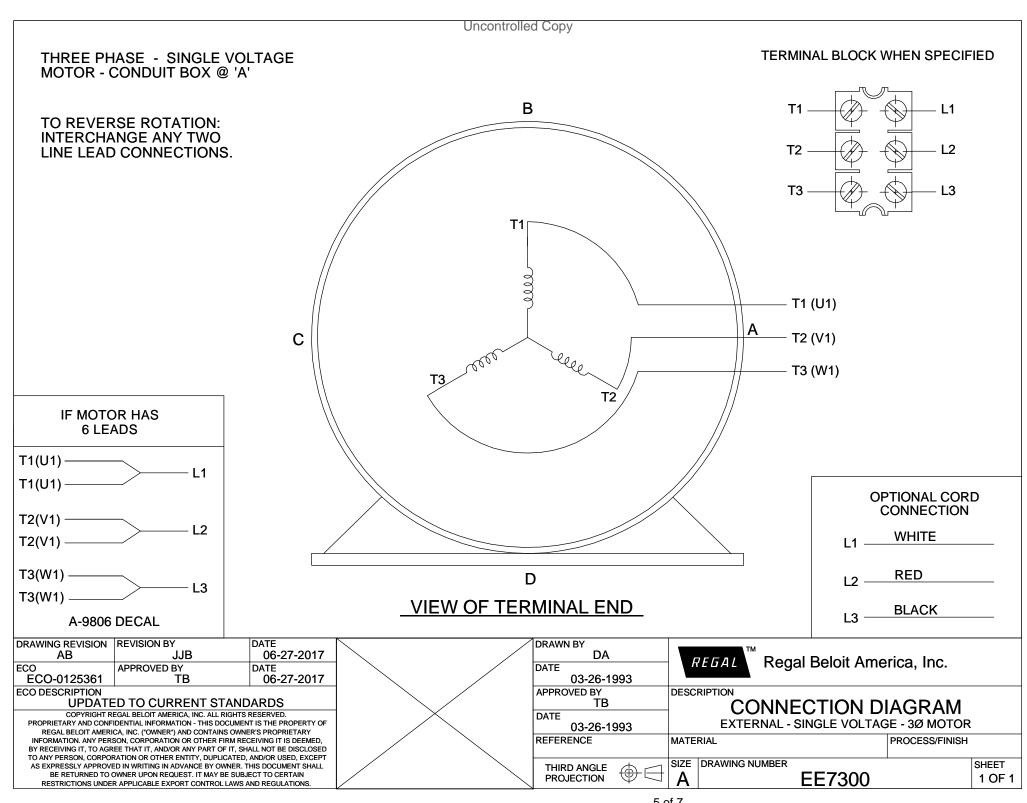




ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

/initialize
-dictionary/Pscript_WinNT_Compat
-dictionary-



CERTIFICATION DATA SHEET

 Model#:
 182THFS19101 AA
 WINDING#:
 182814 NONE 2

 CONN. DIAGRAM:
 A-EE7300
 ASSEMBLY:
 F1/F2 CAPABLE

OUTLINE: A-SS68446-575

TYPICAL MOTOR PERFORMANCE DATA

НР	кw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	0.75	900	870	182T	TEFC	G	В

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	460	1.9	LINE OR	CONTINUOU	F3	1.15	40	3300
				INVERTER	S				

FULL LOAD EFF: 78.5	3/4 LOAD EFF: 78.5	1/2 LOAD EFF: 75.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 62	3/4 LOAD PF: 51	1/2 LOAD PF: 40	75.5	SQ CAGE INV RATED	1.4

F.L. TORQUE LOCKED ROTOR AMPS		L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
6 LB-FT	8.2	8.5 LB-FT 142	14 LB-FT 233	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
52 dBA	62 dBA	0.32 LB-FT^2	- LB-FT^2	20 SEC.	4	80 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	DIVISION 2 T2B	FALSE	NONE	BLUE (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	1144	CAST IRON
6206	6205					STRESSPROOF	
0200	0200					(C-223)	

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	THERMOSTATS PROTECTORS WDG RTDs		BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

BRAKE: NONE NONE NONE P/N NONE NONE NONE

NONE NONE

NONE FT-LB NONE V NONE Hz

N O T E S

> DATE: 06/27/2017 01:13:05 AM FORM 3531 REV.3 02/07/99 ** Subject to change without notice.

