PRODUCT INFORMATION PACKET



Model No: 213TTFBA6007
Catalog No: GT1415
7.50 HP General Purpose Motor, 3 phase, 3600 RPM, 575 V, 213TC Frame, TEFC General Purpose Motors







Product Information Packet: Model No: 213TTFBA6007, Catalog No:GT1415 7.50 HP General Purpose Motor, 3 phase, 3600 RPM, 575 V, 213TC Frame, TEFC



Nameplate Specifications

Output HP	7.50 Hp Output KW		5.6 kW
Frequency	60 Hz	Voltage	575 V
Current	7.1 A	Speed	3525 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter	
Poles	2	Rotation	Reversible	
Resistance Main	.805 Ohms	Mounting	Rigid Base	
Motor Orientation	Horizontal	Drive End Bearing	Ball	
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel	
Shaft Type	Т	Overall Length	19.53 in	
Shaft Diameter	1.375 in	Shaft Extension	3.38 in	
Assembly/Box Mounting	F1/F2 CAPABLE			
Outline Drawing	SS620297-213TC	Connection Drawing	EE7300	

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FMF

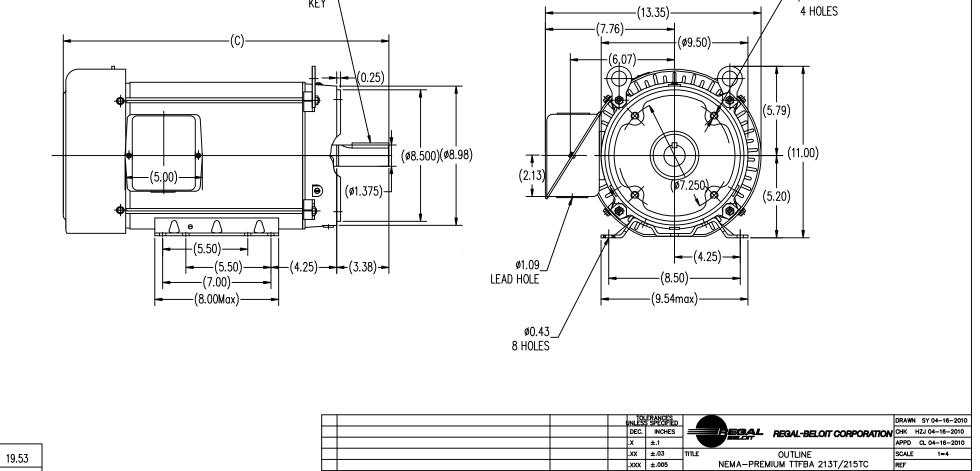
PREV

SS620297

SIZE DRAWING NO. B SS6.

HWADA

-1/2"-13-UNC-2B



REVISION

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5/16x5/16x2.38

KEY

213TC

215TC

FRAME

21.02

С

.xxxx ±.0005

CHK ANG ±1/2

RFP

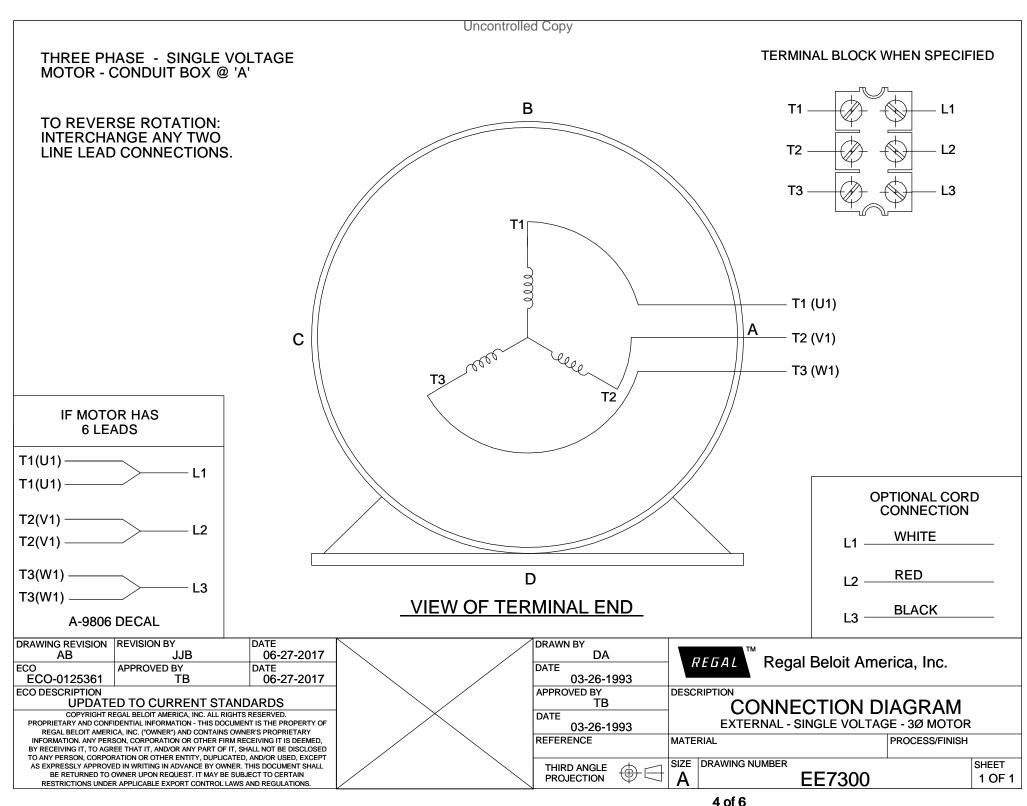
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CAD FILE

SS620297



CERTIFICATION DATA SHEET

 Model#:
 213TTFBA6007 BA
 WINDING#:
 CHT21320005 NONE 3

CONN. DIAGRAM: EE7300 ASSEMBLY: F1/F2 CAPABLE

OUTLINE: SS620297

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	,	SYNC. RPM	F.L. RPM	FRAME	ENCLOS	SURE	KVA CODE	DESIGN
7 1/2	5.60)	3600	3525	213TC	TEF	c	G	В
PH	Hz	VOLT	S FL AMP	S START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	7.1	LINE OR	CONTINUOU	F7	1.15	40	3300

FULL LOAD EFF: 89.5	3/4 LOAD EFF: 89.5	1/2 LOAD EFF: 88.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FILL LOAD PE: 88	3/4 I OAD PE: 84	1/2 LOAD DE: 75.5	88.5	SO CAGE INV RATED	2.4

INVERTER

F.L. TORQUE LOCKED ROTOR AMPS		L.R. TORQUE	B.D. TORQUE	F.L. RISE°C	
11.2 LB-FT	46.4	22.8 LB-FT 205	26.8 LB-FT 240	40	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
72 dBA	82 dBA	0.32 LB-FT^2	12 LB-FT^2	20 SEC.	2	146 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	BRAKE	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	1045 HOT	ROLLED STEEL
6307	6206					ROLLED (C-204)	

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

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: CONSTANT 10:1 INV. HP SPEED RANGE: NONE

ENCODER: NONE NONE NONE NONE NONE PPR

BRAKE: NONE NONE NONE P/N NONE NONE NONE

NONE FT-LB NONE V NONE Hz

N O T E S

> DATE: 06/22/2017 05:16:18 AM FORM 3531 REV.3 02/07/99 ** Subject to change without notice.

