PRODUCT INFORMATION PACKET



Model No: 449TTFS16094 Catalog No: E814A

XRI® General Purpose General Purpose Motor, 200 & 150 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V,

1200 & 1000 RPM, 449T Frame, TEFC



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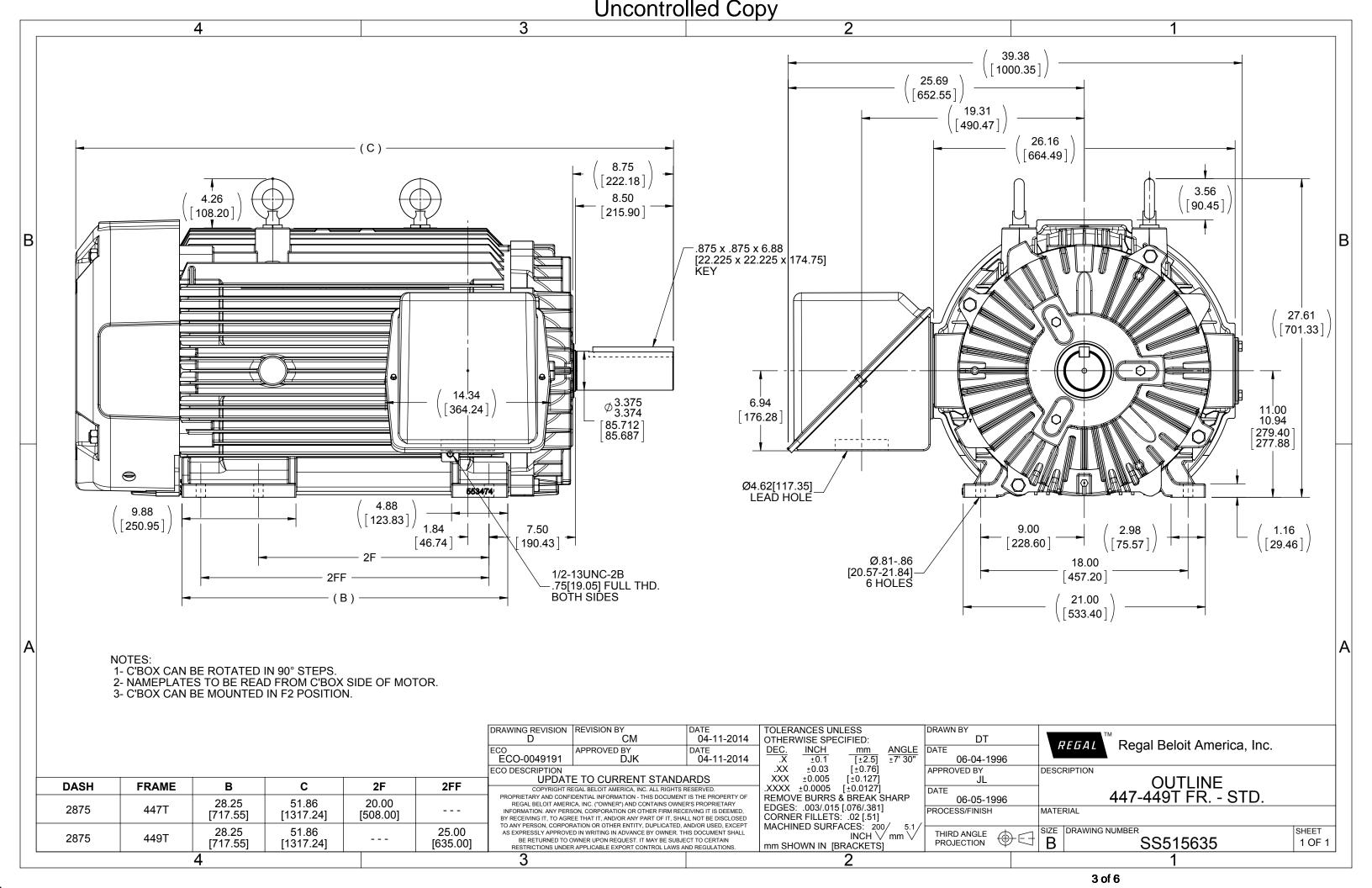
Nameplate Specifications

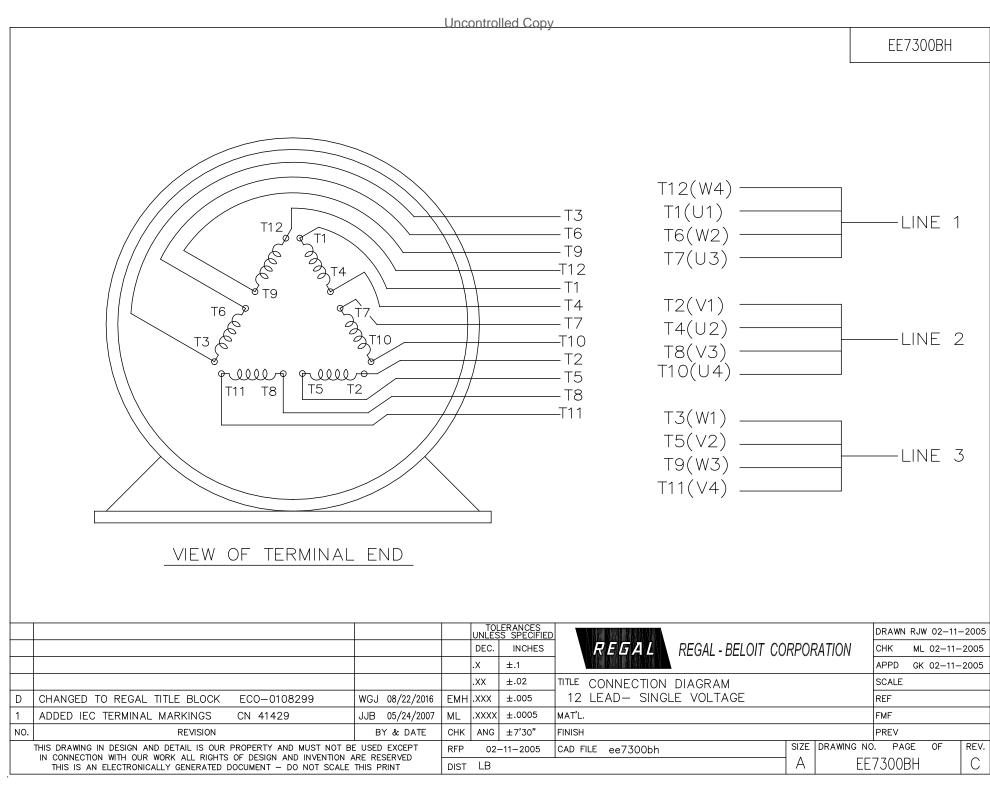
Phase	3	Output HP	200 & 150 Hp
Output KW	149.0 & 112.0 kW	Voltage	460 & 380 V
Speed	1190 & 985 rpm	Service Factor	1.15 & 1.15
Frame	449T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.8 & 95.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	240 & 220 A	Power Factor	81
Duty	Continuous	Insulation Class	Н
Design Code	В	KVA Code	G
Drive End Bearing Size	NU319	Opp Drive End Bearing Size	6318
UL	Recognized CSA		Υ
CE	Υ	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles 6		Rotation	Reversible
Resistance Main	.016 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Overall Length	51.86 in
Frame Length	28.75 in	Shaft Diameter	3.375 in
Shaft Extension	8.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300BH	Outline Drawing	B-SS515635-2875

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CERTIFICATION DATA SHEET

 Model#:
 449TTF\$16094 AA
 WINDING#:
 T449627 NONE 2

 CONN. DIAGRAM:
 A-EE7300BH
 ASSEMBLY:
 F1/F2 CAPABLE

OUTLINE: B-SS515635-2875

TYPICAL MOTOR PERFORMANCE DATA

	НР	KW	,	SYN	IC. RPM	F.L. RPM	FRAME		ENCLOS	SURE	KV	A CODE		DESIGN
	200&150	149&	112	1200		1190&985	447/449T		TEFC		G			В
	PH	Hz	vo	LTS	FL AMPS	S START TYPE	DUTY]	INSL	s	.F	AMB°C		ELEVATION
j	3	60/50	460	#380	240&220	PWS &	CONTINUOU		H1	1.15	1.15	40	T	3300
						YDRUN OR	S							

FULL LOAD EFF: 95.8&95.4	3/4 LOAD EFF: 96	1/2 LOAD EFF: 95	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 81&80	3/4 LOAD PF: 78	1/2 LOAD PF: 70	95.4	SQ CAGE INV RATED	87

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C	
883 LB-FT	1450	1325 LB-FT 150	2100 LB-FT 240	75	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
72 dBA	82 dBA	115 LB-FT^2	2700 LB-FT^2	25 SEC.	2	2850 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
ROLLER	BALL	POLYREX EM	Т	NONE	NONE	1045 HOT	CAST IRON
NU319	6318					ROLLED (C-204)	

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

If Inverter equals NONE, contact factory for further information

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

ENCODER: NONE NONE NONE NONE NONE PPR

BRAKE: NONE NONE NONE P/N NONE NONE NONE

- FT-LB NONE V NONE Hz

N O T E S

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