## PRODUCT INFORMATION PACKET



Model No: LM17195 Catalog No: LM17195 20 HP Special Voltage Motor, 3 phase, 3600 RPM, 575 V, 256TC Frame, TEFC Special Voltage Motors



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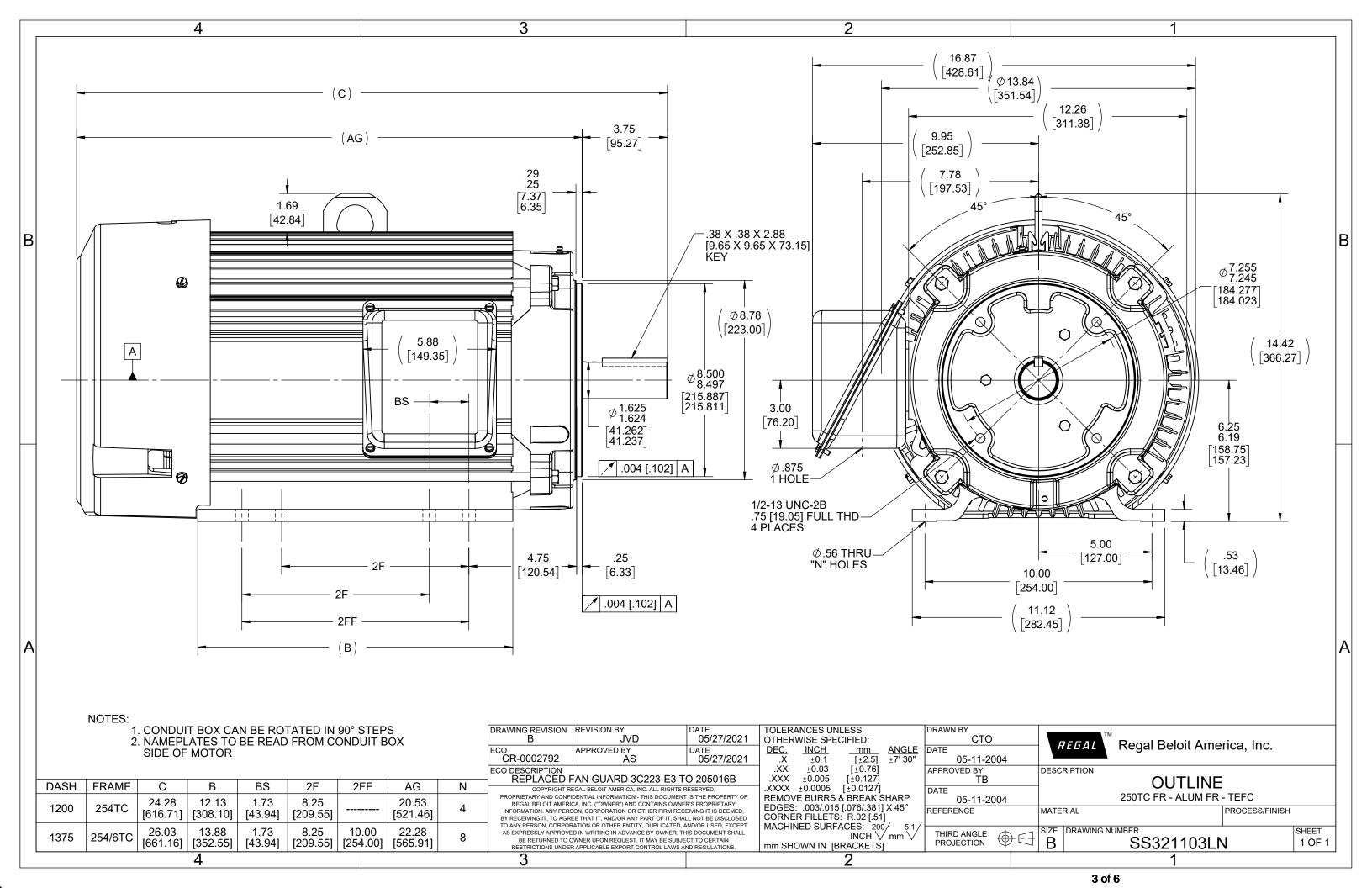
## Nameplate Specifications

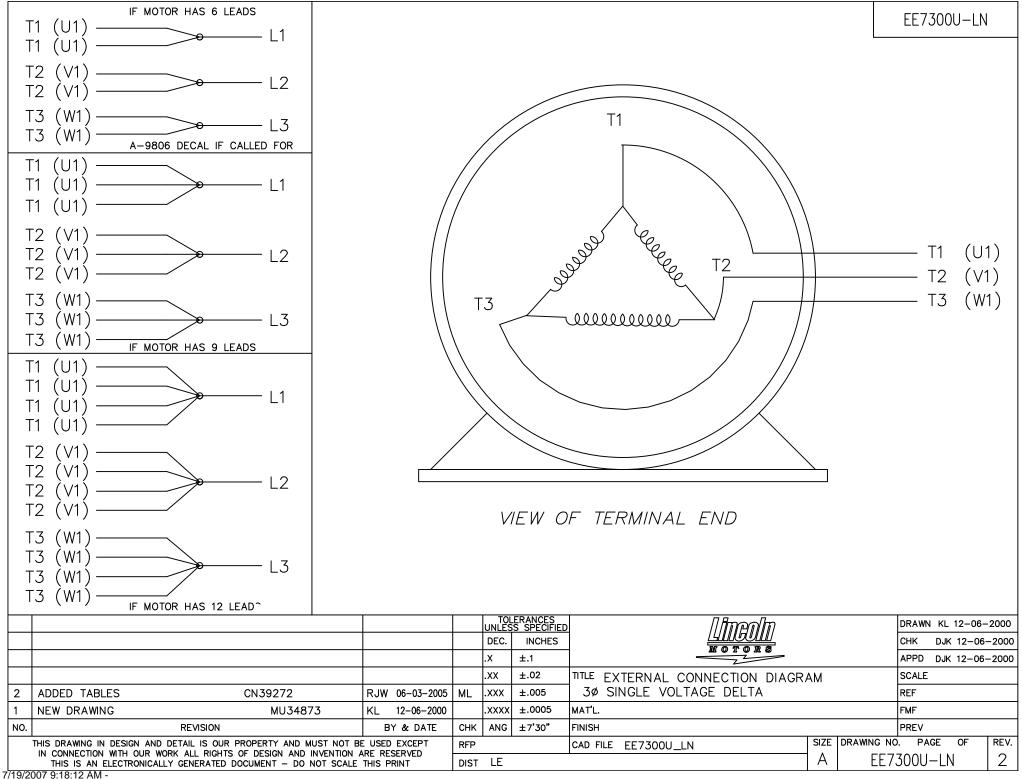
Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	575 V
Current	19.2 A	Speed	3520 rpm
Service Factor	1.25	Phase	3
Efficiency	91 %	Power Factor	87
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	256TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		

## **Technical Specifications**

Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
2	Rotation	Reversible
.485 Ohms	Mounting	Rigid Base
Horizontal	Drive End Bearing	Ball
Ball	Frame Material	Aluminum
Т	Overall Length	25.75 in
13.88 in	Shaft Diameter	1.625 in
4 in	Assembly/Box Mounting	F1/F2 CAPABLE
EE7300U-LN	Outline Drawing	SS321103LN-1375
	2 .485 Ohms Horizontal Ball T 13.88 in 4 in	2 Rotation  .485 Ohms Mounting  Horizontal Drive End Bearing  Ball Frame Material  T Overall Length  13.88 in Shaft Diameter  4 in Assembly/Box Mounting

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1051 CHEYENNE AVE. GRAFTON, WI 53024 PH. 262-277-8810

DATA VOLTS: 460

## **CERTIFICATION DATA SHEET**

CONN. DIAGRAM: A-EE7300U-LN CAT #: LM17195 OUTLINE: B-SS321103LN-1375 WINDING: K2562213 R1 3 TYPICAL MOTOR PERFORMANCE DATA SYNC RPM KVA CODE HP ĸw FL RPM FRAME **ENCLOSURE** TYPE DESIGN 14.9 TFY 20 3600 3520 256TC **TEFC** G В PH ΗZ VOLTS AMPS START TYPE DUTY INSL S.F. AMB ELEV. 60 575 19.2 LINE OR INVERTER CONT F 1.15 40 3300 GTD EFF 3/4 LD EFF 1/2 LD EFF ELECT. TYPE F.L. EFF 91.0 91.0 90.2 F.L. PF 87.0 3/4 LD PF 84.0 1/2 LD PF 77.0 90.2 SQ CAGE INV RATED F.L. RISE (° C) F.L. TORQUE LR AMPS @ 460 V L.R. TORQUE **B.D. TORQUE** 29.8 LB-FT 116 50.0 LB-FT 168% 78.0 LB-FT 262% 75 PRESSURE @ 3 SOUND POWER ROTOR WK<sup>2</sup> MAX. LOAD WK<sup>2</sup> SAFE STALL TIME STARTS/HOUR MOTOR WGT LB-FT<sup>2</sup> LB-FT<sup>2</sup> 340 LB. 72 dBA 81 dBA 1.15 26 20 SEC. \*\*\* SUPPLEMENTAL INFORMATION \*\*\* MOUNT HAZARDOUS DRIP DE BRACKET MOTOR SEVERE **TYPE** ODE BRACKET TYPE TYPE ORIENTATION DUTY LOCATION COVER **SCREENS** PAINT C-FACE RIGID HORIZONTAL NO NONE WATTSAVER STANDARD NO NONE BEARINGS GREASE SHAFT TYPE SPECIAL DE SPECIAL ODE SHAFT MATERIAL FRAME MATERIAL DE ODE BALL BALL POLYREX EM NONE NONE 1045 HOT ROLLED (C-204) ALUMINUM Т 6208 6309 SPACE **HEATERS PROTECTORS THERMISTORS** THERMOSTATS WDG RTD's **BRG RTD's** CONTROL NONE NA NONE NOT NONE NONE **FALSE** R1 (ohms/ph) R2 (ohms/ph) X1 (ohms/ph) X2 (ohms/ph) Xm (ohms/ph) VIBRATION (in/sec) FLOAT 0.51 0.344 1.797 1.686 54.093 0.150 ODE N **INVERTER TORQUE: VARIABLE 10:1** INV. HP SPEED RANGE: NONE 0 Т Ε ENCODER: NONE NONE s NONE NONE PPR BRAKE: NONE NONE NONE 9/5/2018 DATE: FT-LB: NA VOLTAGE: NONE HZ: UL: V-INS, CONST UL REC

