

# PRODUCT INFORMATION PACKET



Model No: EX141156.00

Catalog No: EX141156.00

EX141156.00..7.5/5HP..3530/2940RPM.213TZ.TEFC.208-230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.RIG  
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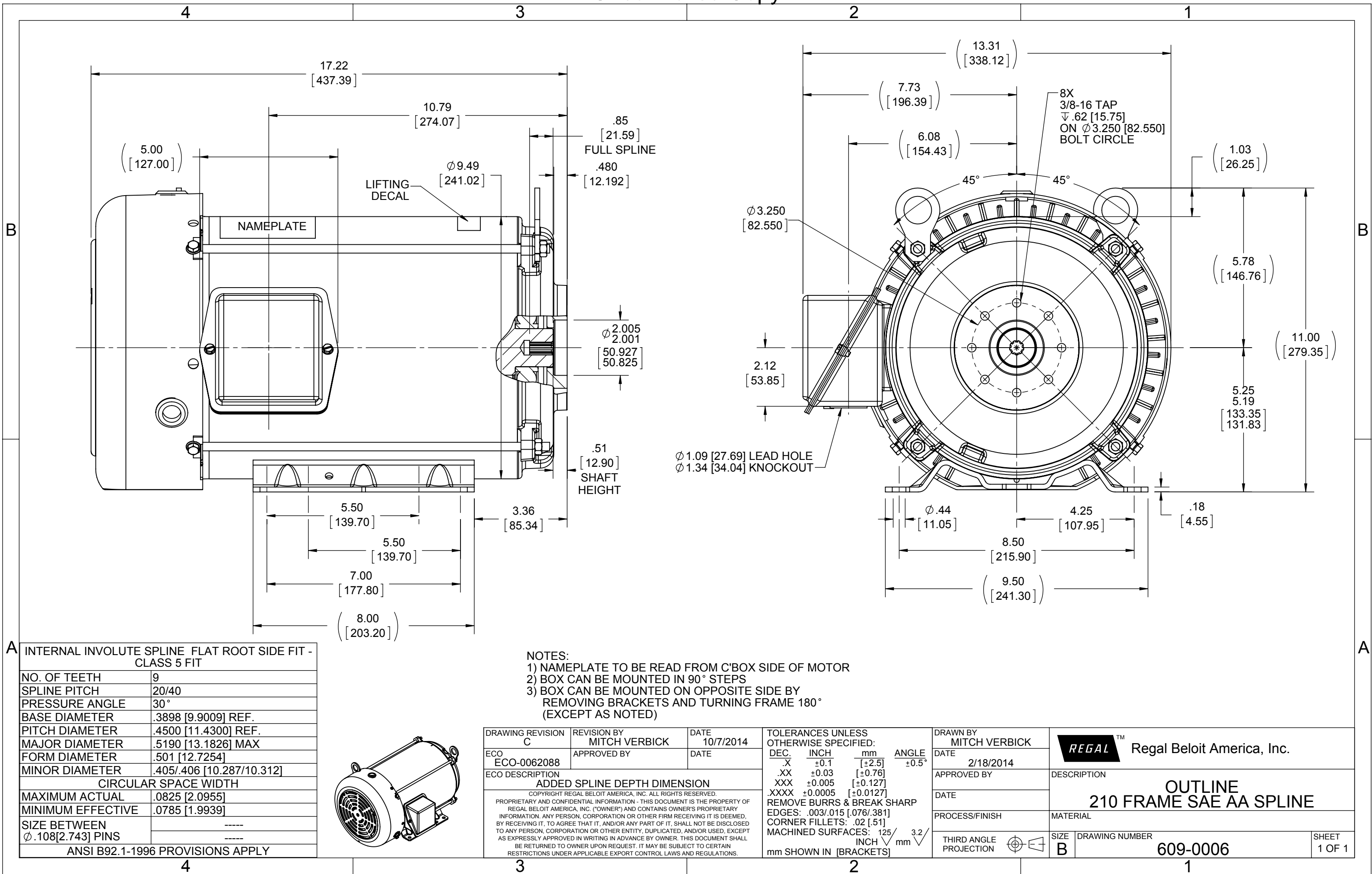
## Nameplate Specifications

|                        |                          |                            |                             |
|------------------------|--------------------------|----------------------------|-----------------------------|
| Phase                  | 3                        | Output HP                  | 7.50 & 5 Hp                 |
| Output KW              | 5.6 & 3.7 kW             | Voltage                    | 208-230/460 & 190/380 V     |
| Speed                  | 3530 & 2940 rpm          | Service Factor             | 1.15 & 1.15                 |
| Frame                  | 213TZ                    | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection            | Efficiency                 | 88.5 & 89.5 %               |
| Ambient Temperature    | 40 °C                    | Frequency                  | 60 & 50 Hz                  |
| Current                | 20.1-18.4/9.2 & 15/7.5 A | Power Factor               | 85.5                        |
| Duty                   | Continuous               | Insulation Class           | F                           |
| Design Code            | B                        | KVA Code                   | G                           |
| Drive End Bearing Size | 6307                     | Opp Drive End Bearing Size | 6206                        |
| UL                     | Recognized               | CSA                        | Y                           |
| CE                     | N                        | 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       | 1.45 Ohms                    | Mounting              | Rigid Base       |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball             |
| Opp Drive End Bearing | Ball                         | Frame Material        | Rolled Steel     |
| Shaft Type            | Single Special Extension     | Assembly/Box Mounting | F1 ONLY          |
| Inverter Load         | CONSTANT 10:1                |                       |                  |
| Outline Drawing       | 609-0006                     | Connection Drawing    | A-EE7308-LE      |

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THREE PHASE  
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE




T1 (U1)  
T4 (U2)  
T9 (W3)  
T7 (U3)  
T8 (V3)  
T6 (W2)  
T5 (V2)  
T2 (V1)  
T3 (W1)

VIEW OF TERMINAL END

REF.  
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G  
T6BZ, T2B, T6BL, T4AV, T6B, T4B

|  |   |                |     | TOLERANCES<br>UNLESS SPECIFIED |                    |  | ELECTRIC MOTORS<br>GEARMOTORS<br>AND DRIVES | DRAWN HLB 04-29-2002 |             |            |      |
|--|---|----------------|-----|--------------------------------|--------------------|---|---|----------------------|-------------|------------|------|
|  |   |                |     | DEC.                           | INCHES             |   |   | CHK                  | ML          | 05-03-2002 |      |
|  |   |                |     | .X                             | ±.1                |   |   | APPD                 | GK          | 05-03-2002 |      |
|  |   |                |     | .XX                            | ±.01               |   |   | SCALE 1=1            |             |            |      |
| 2  | ADDED IEC NOTATIONS... (U1), (V1) ETC. (MU105786) | REP 01-11-2012 | DR  | .XXX                           | ±.005              | TITLE CONNECTION DIAGRAM<br>3Ø - DUAL VOLTAGE MOTOR                                   |   |                      |             | REF        |      |
| 1  | NEW DRAWING                                       | HLB 05-03-2002 | ML  | .XXXX                          | ±.0005             | MAT'L.  |   |                      |             | FMF        |      |
| NO.  | REVISION  | BY & DATE      | CHK | ANG                            | ±1/2'              | FINISH  |   |                      |             | PREV       |      |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT<br>IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED<br>THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT |   |                |     | RFP                            | CAD FILE EE7308-LE |   |   | SIZE                 | DRAWING NO. | PAGE       | OF   |
|  |   |                |     | DIST LB-WP                     |                    |   |   | A                    | EE7308-LE   |            | REV. |
|  |   |                |     |                                |                    |   |   |                      |             | 2          |      |