

# PRODUCT INFORMATION PACKET



Model No: 199712.00

Catalog No: 199712.00

Obsolete,

ced by B199712.00 - 40HP..1200RPM.364T.ODP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....GEN PURPOSE..



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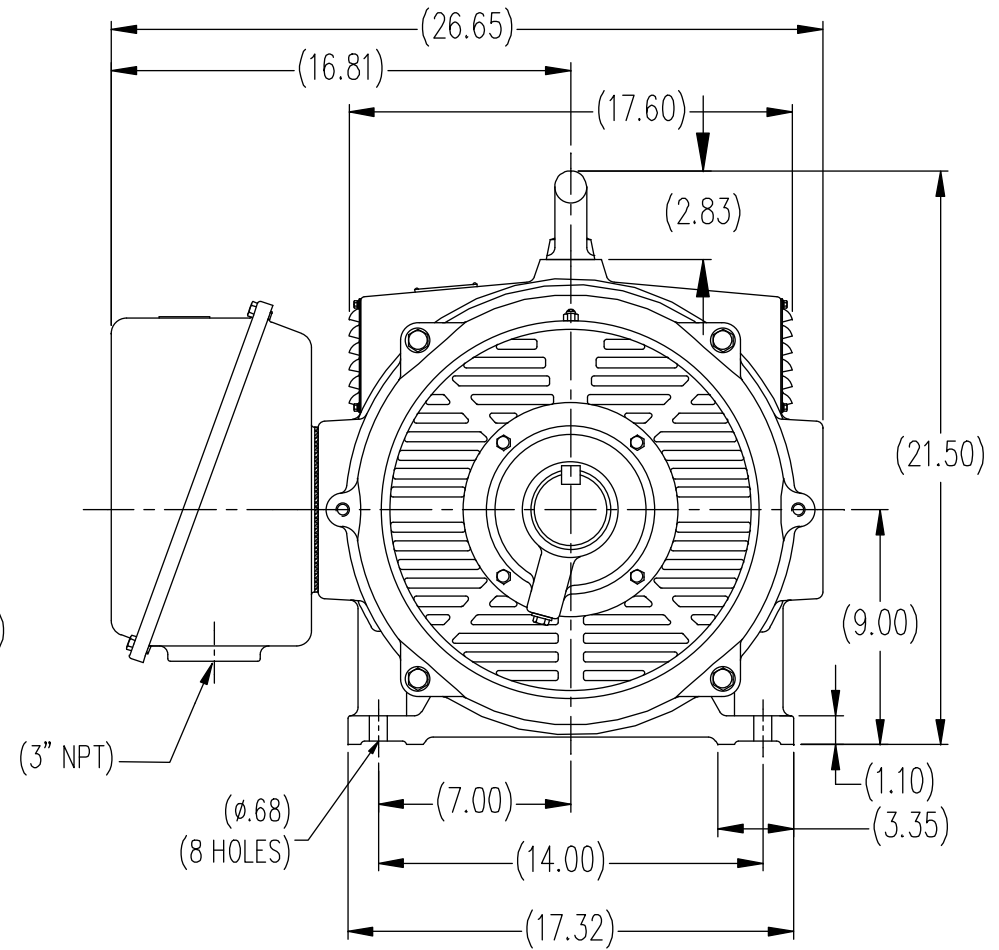
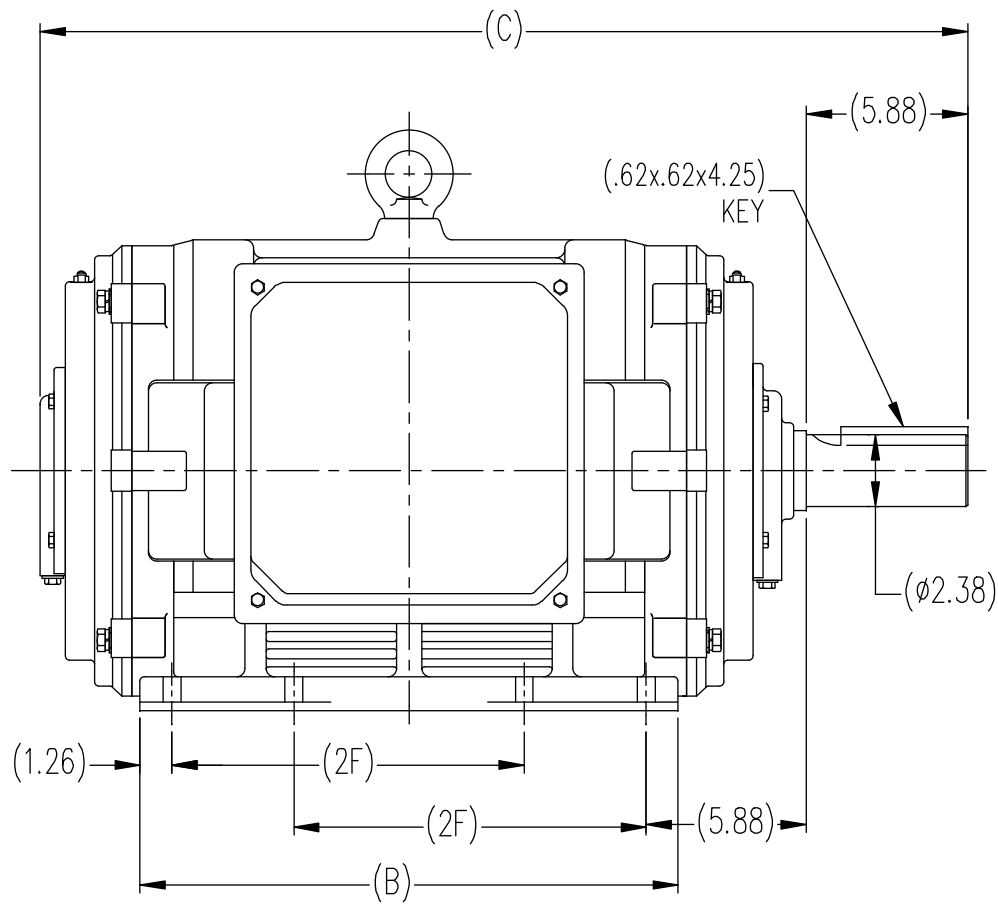
### Nameplate Specifications

|                        |                     |                            |                     |
|------------------------|---------------------|----------------------------|---------------------|
| Phase                  | 3                   | Output HP                  | 40 & 30 Hp          |
| Output KW              | 30.0 & 22.4 kW      | Voltage                    | 230/460 & 190/380 V |
| Speed                  | 1188 & 990 rpm      | Service Factor             | 1.15 & 1.15         |
| Frame                  | 364T                | Enclosure                  | Drip Proof          |
| Thermal Protection     | No Protection       | Efficiency                 | 94.1 & 93.6 %       |
| Ambient Temperature    | 40 °C               | Frequency                  | 60 & 50 Hz          |
| Current                | 97/48.5 & 89/44.5 A | Power Factor               | 81                  |
| Duty                   | Continuous          | Insulation Class           | F                   |
| Design Code            | B                   | KVA Code                   | F                   |
| Drive End Bearing Size | 6314                | Opp Drive End Bearing Size | 6313                |
| UL                     | Recognized          | CSA                        | Y                   |
| CE                     | Y                   | IP Code                    | 12                  |
| Number of Speeds       | 1                   |                            |                     |

### Technical Specifications

|                       |                              |                       |                                 |
|-----------------------|------------------------------|-----------------------|---------------------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Wye Start Delta Run Or Inverter |
| Poles                 | 6                            | Rotation              | Reversible                      |
| Resistance Main       | .182 Ohms                    | Mounting              | Rigid Base                      |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball                            |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron                       |
| Shaft Type            | T                            | Assembly/Box Mounting | F1/F2 CAPABLE                   |
| Inverter Load         | VARIABLE 10:1                |                       |                                 |
| Outline Drawing       | SS620114-364T                | Connection Drawing    | EE7308AA-LE                     |

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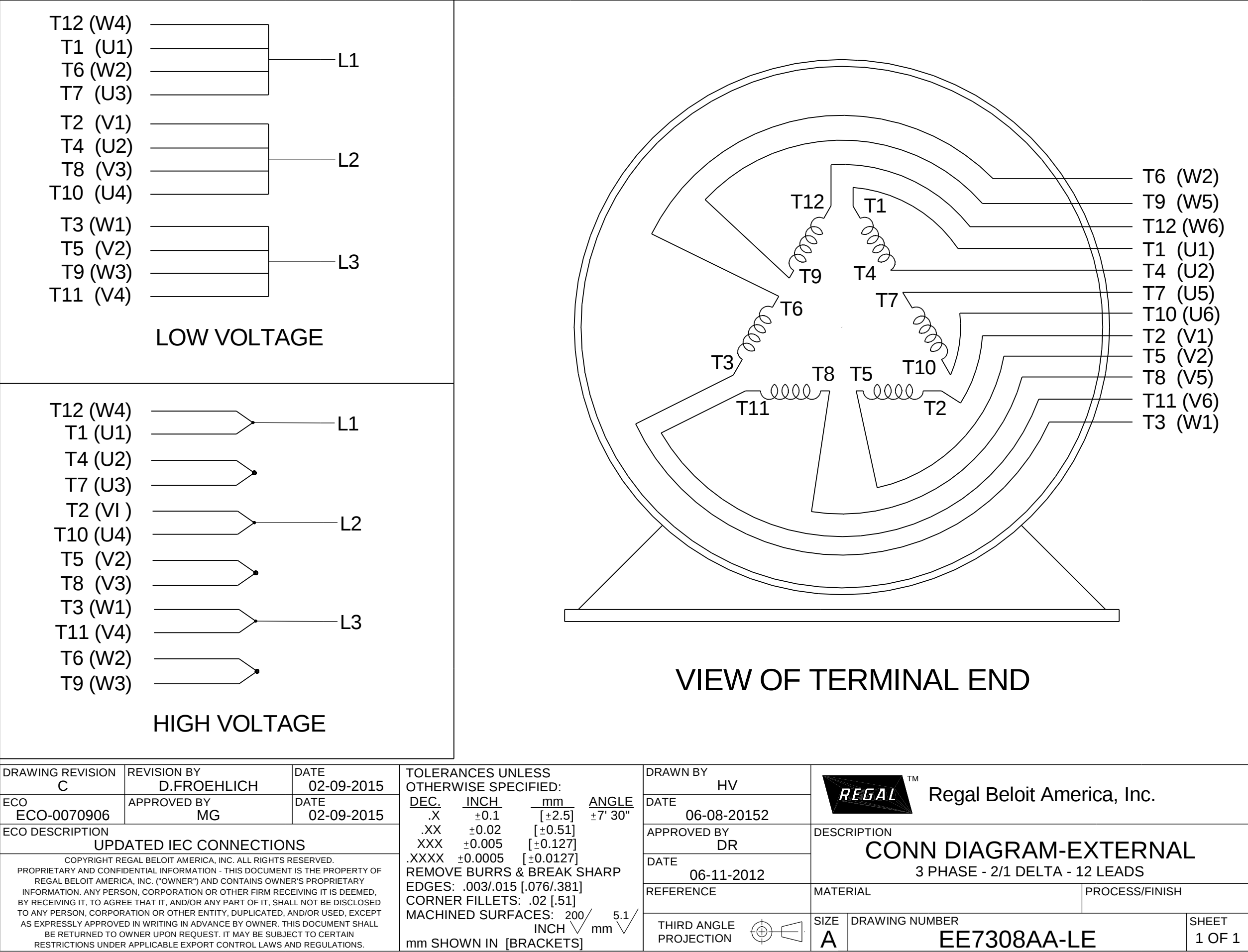


(DIMENSIONS IN TABLE ARE CONSIDERED REFERENCE)

(MAY NOT BE DRAWN TO SCALE)

|       |       |       |       |
|-------|-------|-------|-------|
| 364T  | 31.69 | 17.32 | 11.25 |
| 365T  | 33.27 | 18.90 | 12.25 |
| FRAME | C     | B     | 2F    |

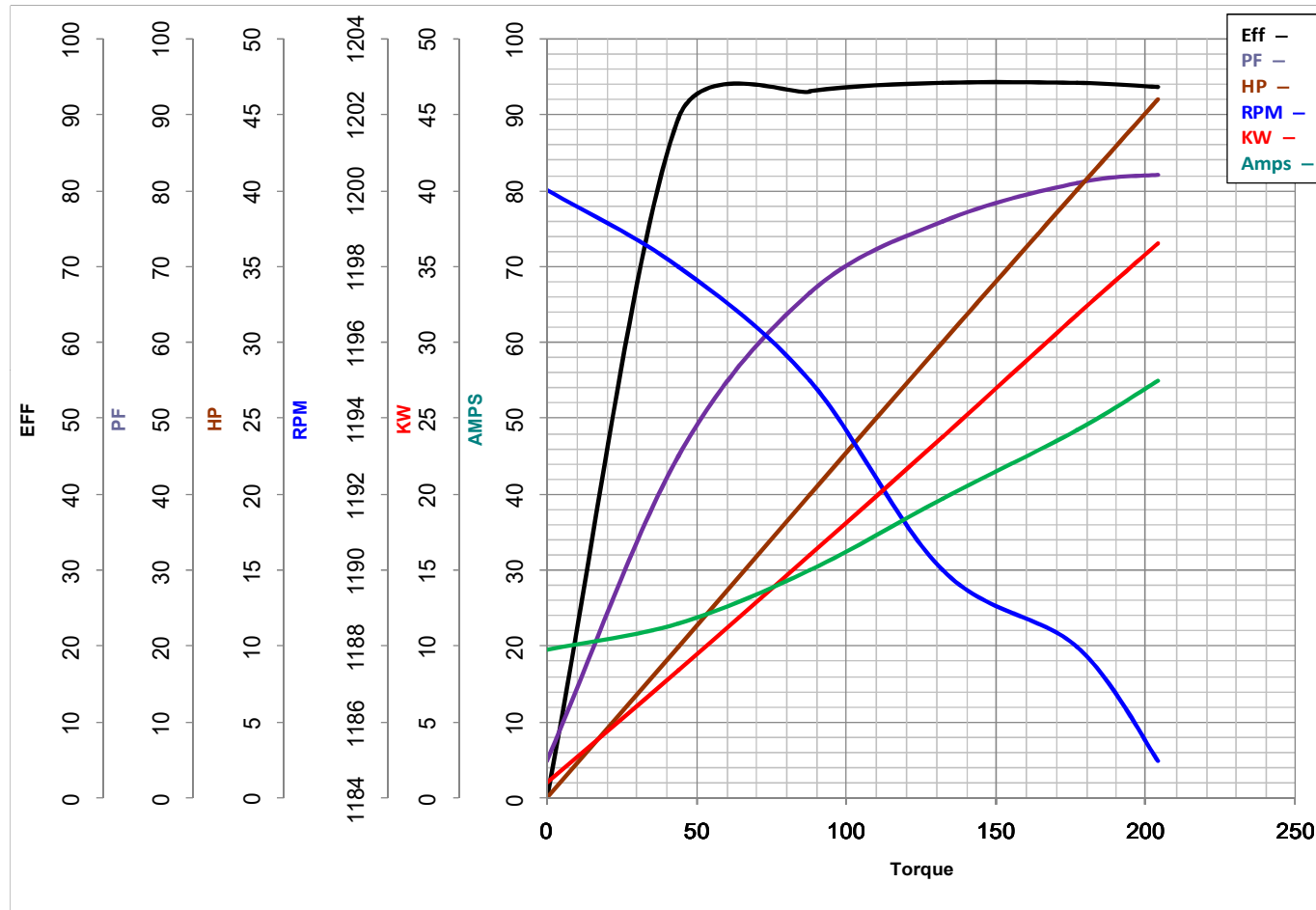
|                                                                                                                                                                                                                                  |                                    |               |     | TOLERANCES<br>UNLESS SPECIFIED |        |  REGAL-BELOIT CORPORATION | DRAWN MSG 11-09-2007 |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------|-----|--------------------------------|--------|----------------------------------------------------------------------------------------------------------------|----------------------|---------------|
|                                                                                                                                                                                                                                  |                                    |               |     | DEC.                           | INCHES |                                                                                                                | CHK                  | ML 11-09-2008 |
|                                                                                                                                                                                                                                  |                                    |               |     | .X                             | ±.1    | TITLE<br>364/365T FR. - ODP - CAST IRON                                                                        | APPD                 | SB 01-14-2008 |
|                                                                                                                                                                                                                                  |                                    |               |     | .XX                            | ±.03   |                                                                                                                | SCALE                | 1=1           |
|                                                                                                                                                                                                                                  |                                    |               |     | .XXX                           | ±.005  |                                                                                                                | REF                  |               |
| 1                                                                                                                                                                                                                                | REMOVED REFERENCE TO MODEL NUMBERS | ML 02-02-2011 |     | .XXXX                          | ±.0005 | MAT'L.                                                                                                         | FMF                  | HUADA         |
| NO.                                                                                                                                                                                                                              | REVISION                           | BY & DATE     | CHK | ANG                            | ±1/2   | FINISH                                                                                                         | PREV                 |               |
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|                                                                                                                                                                                                                                  |                                    |               |     |                                |        | DIST                                                                                                           | SIZE                 | DRAWING NO.   |
|                                                                                                                                                                                                                                  |                                    |               |     |                                |        |                                                                                                                | B                    | SS620114      |
|                                                                                                                                                                                                                                  |                                    |               |     |                                |        |                                                                                                                |                      | REV.          |





# LEESON ELECTRIC CORPORATION

## TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199712.00Curve at 460  
60  
40Volts  
HZ  
HPHP 40&30PHASE 3VOLTS 230/460&190/380Catalog No 199712.00HZ 60&50RPM 1188&990

Torque in Lb.Ft

FL TORQUE 177 Lb.Ft  
 BD TORQUE 405.0 Lb.Ft  
 LR TORQUE 335 Lb.Ft

FL AMPS 97/48.5  
 PU TORQUE 302.0 Lb.Ft  
 LR AMPS 270

WINDING CHT36460004-1

Date 11/13/2018