

# PRODUCT INFORMATION PACKET

Model No: 145TTTN6835  
Catalog No: E467  
2,1800,TENV,145T,3/60/230/460  
Severe Duty Motors



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### Nameplate Specifications

|                        |            |                            |                                 |
|------------------------|------------|----------------------------|---------------------------------|
| Output HP              | 2 Hp       | Output KW                  | 1.5 kW                          |
| Frequency              | 60 Hz      | Voltage                    | 230/460 V                       |
| Current                | 6.0/3.0 A  | Speed                      | 1735 rpm                        |
| Service Factor         | 1.15       | Phase                      | 3                               |
| Efficiency             | 85.5 %     | Power Factor               | 78                              |
| Duty                   | Continuous | Insulation Class           | F                               |
| Design Code            | B          | KVA Code                   | M                               |
| Frame                  | 145T       | Enclosure                  | Totally Enclosed Non Ventilated |
| Thermal Protection     | No         | Ambient Temperature        | 40 °C                           |
| Drive End Bearing Size | 6205       | Opp Drive End Bearing Size | 6203                            |
| UL                     | Recognized | CSA                        | Y                               |
| CE                     | Y          | IP Code                    | 54                              |
| Number of Speeds       | 1          |                            |                                 |

### Technical Specifications

|                       |                              |                       |                  |
|-----------------------|------------------------------|-----------------------|------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Line Or Inverter |
| Poles                 | 4                            | Rotation              | Reversible       |
| Resistance Main       | 6.48 Ohms                    | Mounting              | Rigid Base       |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball             |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron        |
| Shaft Type            | T                            | Overall Length        | 11.43 in         |
| Frame Length          | 6.25 in                      | Shaft Diameter        | 0.875 in         |
| Shaft Extension       | 2.56 in                      | Assembly/Box Mounting | F1/F2 Capable    |
| Connection Drawing    | A-EE7308                     | Outline Drawing       | A-100658-625     |

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EE7308

THREE PHASE  
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.  
WINDING DIAGRAM

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

OPTIONAL CORD  
CONNECTION

L1 — WHITE  
L2 — RED  
L3 — BLACK

| NO.  | REVISION                                       | BY & DATE      | CHK | ANG   | TOLERANCES<br>UNLESS SPECIFIED |        | FINISH                   | DRAWN RM 11/20/1990 |        |                    |           |        |
|--|--|----------------|-----|-------|--------------------------------|--------|--------------------------|---------------------|--------|--------------------|-----------|--------|
|  |  |                |     |       | DEC.                           | INCHES |                          |                     |        |                    |           |        |
| 5  | CHG TO REGAL LOGO                              | SL 09/10/2015  | AB  |       |                                |        |                          | CHK ML 11/21/1990   |        |                    |           |        |
| 4  | REVISED IEC NOTATIONS                          | MSG 11/15/2011 | CMN | .X    | ±.1                            |        |                          | APPD SAS 04/24/2003 |        |                    |           |        |
| 3  | ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194 | MSG 5/10/2010  | MJS | .XX   | ±.02                           |        | TITLE CONNECTION DIAGRAM | SCALE 1=1           |        |                    |           |        |
| 2  | ADDED THE OPTIONAL CORD CONNECTION MU46318     | RDH 04/24/2003 | DRS | .XXX  | ±.005                          |        | 3Ø - DUAL VOLTAGE MOTOR  | REF                 |        |                    |           |        |
| 1  | REDRAWN  | RM 11/20/1990  |     | .XXXX | ±.0005                         |        | MAT'L.                   | FMF                 |        |                    |           |        |
|  |  |                |     |       | ±7'30"                         |        |                          | PREV                |        |                    |           |        |
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|  |  |                |     |       |                                |        | DIST WP                  |                     |        |                    |           |        |



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