

# PRODUCT INFORMATION PACKET



Model No: 141413.00

Catalog No: 141413.00

141413.00..7.5/5HP..1800/1500RPM.213TC.EPFC.460/380V.3PH.60/50HZ.CONT.40C.1.15/1.0SF.RIGID.....

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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                  | 1765 & 1460 rpm           | Service Factor             | 1.15 & 1.15                            |
| Frame                  | 213TC                     | Enclosure                  | Explosion Proof Fan cooled             |
| Thermal Protection     | Thermostat                | Efficiency                 | 91.7 & 89.8 %                          |
| Ambient Temperature    | 40 °C                     | Frequency                  | 60 & 50 Hz                             |
| Current                | 21.5-19.2/9.6 & 23/11.5 A | Power Factor               | 79.2                                   |
| Duty                   | Continuous                | Insulation Class           | F                                      |
| Design Code            | B                         | KVA Code                   | H                                      |
| Drive End Bearing Size | 6309                      | Opp Drive End Bearing Size | 6208                                   |
| UL                     | No                        | CSA                        | N                                      |
| CE                     | N                         | IP Code                    | 56                                     |
| Number of Speeds       | 1                         | Hazardous Location         | EXP PROOF CL I GR C&D CL II GR F&G T3B |

## Technical Specifications

|                       |                              |                       |                  |
|-----------------------|------------------------------|-----------------------|------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Line Or Inverter |
| Poles                 | 4                            | Rotation              | Reversible       |
| Resistance Main       | 1.18 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 ONLY          |
| Inverter Load         | CONSTANT 10:1                |                       |                  |
| Outline Drawing       | 037702-912                   | Connection Drawing    | EE7308T          |



## F2 VIEW

|  |  |   |                               |
|--|--|---|-------------------------------|
|  <b>Regal</b> <sup>TM</sup> |  | <b>Regal Beloit America, Inc.</b>       |                               |
| <b>DESCRIPTION</b>   |  | <b>OUTLINE</b><br><b>210 FR. - EPFC</b> |                               |
| <b>MATERIAL</b>  |  | <b>PROCESS/FINISH</b>                   |                               |
| <b>SIZE</b><br><b>B</b>  | <b>DRAWING NUMBER</b><br><b>037702</b> |   | <b>SHEET</b><br><b>1 OF 1</b> |

## HIGH VOLTAGE

THREE PHASE  
DUAL VOLTAGE MOTOR

NOTE FOR FACTORY USE ONLY:  
TO SURGE TEST FOR COMMON CONNECT:  
HIGH VOLT: CONNECT P1 TO T1  
THEN P2 TO L1  
LOW VOLT: CONNECT P1 TO T1 & T7,  
THEN P2 TO L1

## LOW VOLTAGE



## VIEW OF TERMINAL END

NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

|                       |                   |                    |
|-----------------------|-------------------|--------------------|
| DRAWING REVISION<br>T | REVISION BY<br>ZR | DATE<br>01-14-2019 |
| ECO<br>ECO-0159915    | APPROVED BY<br>DR | DATE<br>01-15-2019 |

ECO DESCRIPTION  
ADDED TERMINAL CONNECTION DIAGRAM

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|                            |                           |
|----------------------------|---------------------------|
| DRAWN BY<br>SMC            | DATE<br>05-13-1992        |
| APPROVED BY<br>TB          | DATE<br>05-13-1992        |
| REFERENCE<br>EE7308/EE7300 | THIRD ANGLE<br>PROJECTION |



Regal Beloit America, Inc.

## DESCRIPTION

**CONN DIAGRAM-INTERNAL**  
3 PHASE - DUAL VOLTAGE MOTOR

## MATERIAL

## PROCESS/FINISH

SIZE  
A

## DRAWING NUMBER

EE7308T

SHEET  
1 OF 1