

PRODUCT INFORMATION PACKET



Model No: 182TTTHD16038

Catalog No: C405A

Brake Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 182TC Frame, TENV

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Nameplate Specifications

| | | | |
|------------------------|---------------------|----------------------------|---------------------------------|
| Phase | 3 | Output HP | 3 & 2 Hp |
| Output KW | 2.2 & 1.5 kW | Voltage | 230/460 & 190/380 V |
| Speed | 1770 & 1475 rpm | Service Factor | 1.15 & 1.15 |
| Frame | 182TC | Enclosure | Totally Enclosed Non Ventilated |
| Thermal Protection | No Protection | Efficiency | 89.5 & 88.8 % |
| Ambient Temperature | 40 °C | Frequency | 60 & 50 Hz |
| Current | 7.8/3.9 & 6.6/3.3 A | Power Factor | 80 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | K |
| Drive End Bearing Size | 6206 | Opp Drive End Bearing Size | 6306 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 55 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|------------------------------|-------------------|-----------------------------|
| Electrical Type | Squirrel Cage Inverter Rated | Starting Method | Line Or Inverter |
| Poles | 4 | Rotation | Reversible |
| Resistance Main | 3.53 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Aluminum |
| Shaft Type | T | Shaft Diameter | 1.125 in |
| Assembly/Box Mounting | F1/F2 CAPABLE | Inverter Load | CONSTANT 10:1/VARIABLE 10:1 |
| Connection Drawing | EE7308 | Outline Drawing | SS621250-100 |

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| 4 | 3 | 2 | 1 |
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|--|--|----------------|---------|--------------------------------|-----------------|---|-----------|--------------------------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  Regal Beloit America, Inc. | DRAWN RM | 11/20/1990 |
| 5 | CHG TO REGAL LOGO | SL 09/10/2015 | AB | DEC. | INCHES | | 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 | | SCALE 1=1 | |
| 2 | ADDED THE OPTIONAL CORD CONNECTION MU46318 | RDH 04/24/2003 | DRS | .XXX | ±.005 | TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR | | REF |
| 1 | REDRAWN | RM 11/20/1990 | | .XXXX | ±.0005 | MAT'L. | | FMF |
| NO. | REVISION | BY & DATE | CHK | ANG | ±7"30" | FINISH | | PREV |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT | | | RFP | | CAD FILE ee7308 | | SIZE | DRAWING NO. PAGE OF REV. |
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