## PRODUCT INFORMATION PACKET

Model No: M143C17FB2K
Catalog No: 120008.00 ..1HP..1740RPM.143.TEFC.115/208-
230V.1PH.60HZ.CONT.40C.1.15SF.RIGID.M143C17FB2K.....GENERAL PURPOSE.MANUAL....... Totally Enclosed Fan Cooled (TEFC)


Product Information Packet: Model No: M143C17FB2K, Catalog No:120008.00 ..1HP..1740RPM.143.TEFC.115/208-230V.1PH.60HZ.CONT.40C.1.15SF.RIGID.M143C17FB2K.....GENERAL PURPOSE.MANUAL........

## Nameplate Specifications

| Output HP | 1 Hp | Output KW | 0.75 kW |
| :---: | :---: | :---: | :---: |
| Frequency | 60 Hz | Voltage | 115/208-230 V |
| Current | 12.8/6.4 A | Speed | 1740 rpm |
| Service Factor | 1.15 | Phase | 1 |
| Efficiency | 75 \% | Duty | Continuous |
| Insulation Class | B | Design Code | N |
| KVA Code | K | Frame | 143T |
| Enclosure | Totally Enclosed Fan Cooled | Overload Protector | Manual |
| Ambient Temperature | $40^{\circ} \mathrm{C}$ | Drive End Bearing Size | 6205 |
| Opp Drive End Bearing Size | 6203 | UL | Recognized |
| CSA | Y | CE | N |
| IP Code | 43 |  |  |

## Technical Specifications

| Electrical Type | Capacitor Start Induction Run | Starting Method | Across The Line |
| :---: | :---: | :---: | :---: |
| Poles | 4 | Rotation | Selective Counterclockwise |
| Mounting | Rigid base | Motor Orientation | HORIZONTAL |
| Drive End Bearing | BALL | Opp Drive End Bearing | BALL |
| Frame Material | Rolled Steel | Shaft Type | T |
| Overall Length | 12.93 in | Frame Length | 7.00 in |
| Shaft Diameter | 0.875 in | Shaft Extension | 2.25 in |
| Assembly/Box Mounting | F1 ONLY |  |  |
| Outline Drawing | 028904-700B | Connection Diagram | 005003.03 |

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END


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|  |  |  |  | $\begin{aligned} & \text { TOLERANCES } \\ & \text { UNLESS SPECIFIED } \\ & \hline \end{aligned}$ |  | ELECTRIC MOTORS GEARMOTORS AND DRIVES |  |  | DRAWN WLW 08/20/79 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | DEC | INCHES |  |  |  | CHK ADN | /76 |
|  |  |  |  | . X | $\pm .1$ |  |  |  | APPR WR | 7/76 |
|  |  |  |  | . xx | $\pm .01$ | titLe EXTERNAL WIRING DIAGRAMTYPE "C" W/PROTECTOR |  |  | SCALE 1:1 |  |
| 06 | REDRAWN IN SOLIDWORKS | VJB 7/22/2011 |  | . XXX | $\pm .005$ |  |  |  | REF |  |
| 05 | REDRAWN ON CAD | DBT 05/27/97 |  | . XXXX | $\pm .0005$ | MAT'L DECAL - 004011 |  |  | FMF |  |
| NO | REVISION | BY \& DATE | CHK ANG $\pm 1 / 2^{\circ}$ |  |  | FINISH |  |  | PAGE OF |  |
|  | THIRD ANGLE |  |  |  |  | PREV | $\begin{gathered} \hline \text { SIZE } \\ \mathbf{A} \\ \hline \end{gathered}$ | DRAWING NO |  | REV |
|  | PROJECTION |  | NETWORK FILE NAME 00500303 |  |  |  |  | 005003-03 |  | 06 |



