## PRODUCT INFORMATION PACKET

Model No: 117693.00
Catalog No: 117693.00
1.50 HP Agricultural Motor, 1 phase, 1800 RPM, $115 / 208-230$ V, 56 H Frame, TEFC Agricultural Motors


Product Information Packet: Model No: 117693.00, Catalog No:117693.00 1.50 HP Agricultural Motor, 1 phase, 1800 RPM, 115/208-230 V, 56H Frame, TEFC

## Nameplate Specifications

| Output HP | $\mathbf{1 . 5 0 ~ H p}$ | Output KW | $\mathbf{1 . 1 ~ k W ~}$ |
| :--- | :--- | :--- | :--- |
| Frequency | 60 Hz | Voltage | $115 / 208-230 \mathrm{~V}$ |
| Current | $13.0 / 6.6-6.5 \mathrm{~A}$ | Speed | 1725 rpm |
| Service Factor | 1.15 | Phase | $\mathbf{1}$ |
| Efficiency | $84 \%$ | Power Factor | 89 |
| Duty | Continuous | Insulation Class | B |
| Design Code | L | KVA Code | J |
| Frame | 56 H | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | Manual | Ambient Temperature | $40^{\circ} \mathrm{C}$ |
| Drive End Bearing Size | 6203 | Opp Drive End Bearing Size | $\mathbf{6 2 0 3}$ |
| UL | Recognized | CSA | Y |
| CE | N | IP Code | 43 |

Technical Specifications

| Electrical Type | Capacitor Start Capacitor Run | Starting Method | Across The Line |
| :--- | :--- | :--- | :--- |
| Poles | $\mathbf{4}$ | Rotation | Selective Counterclockwise |
| Resistance Main | 5.48 Ohms | Mounting | Rigid base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | NEMA 56 | Overall Length | 13.49 in |
| Frame Length | 8.00 in | Shaft Diameter | $\mathbf{0 . 6 2 5 ~ i n ~}$ |
| Shaft Extension | 1.87 in | Assembly/Box Mounting | F1 ONLY |
| Outline Drawing | $607-0038-800 B$ | Connection Drawing | $\mathbf{0 0 5 0 5 3 . 0 2}$ |

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## VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

|  |  |  |  | $\begin{aligned} & \text { TOLERANCES } \\ & \hline \text { UNLESS SPECIFED } \\ & \hline \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | DEC. | INCHES |
|  |  |  |  | . x | $\pm .1$ |
|  |  |  |  | .xx | $\pm .01$ |
| 04 | ADDED "*" TO T5 | RLW 7/22/02 |  | .xxx | $\pm .005$ |
| 03 | REDRAWN ON CAD | DBT 05/27/97 |  | .xxxx | $\pm .0005$ |
| No. | REVISION | BY \& DATE | CHK | ANG | $\pm 1 / 2^{\text { }}$ |
| THIS DRAWNG IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WTH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED |  |  | RFP |  |  |

## LINE LEADS


T8

|  | ROTATION FACING LEAD END | L1 | L2 | JOIN | INSULATE SEPARATELY |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { HIGH } \\ & \text { VOLT } \end{aligned}$ | C.C.W. | P1 | T4 | T2, ${ }^{\text {T8 }}$ [ | P2 |
|  | C.W. | P1 | T4 T8 | T2, T3 T5 | P2 |
| $\begin{aligned} & \text { LOW } \\ & \text { VOLT } \end{aligned}$ | C.C.W. | P1 | $\begin{gathered} \mathrm{T} 2, \mathrm{~T} 4 \\ \mathrm{~T} 5 \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{P} 2, \mathrm{T3} \\ \mathrm{~T} 8 \\ \hline \end{gathered}$ | ------ |
|  | C.W. | P1 | $\begin{gathered} \mathrm{T} 2, \mathrm{~T} 4 \\ \mathrm{~T} 8 \end{gathered}$ | $\begin{gathered} \text { P2,T3 } \\ \text { T5 } \end{gathered}$ | ------ |



| $\mathrm{zH} \quad \exists \mathrm{~N}$ | $\wedge \quad \exists \mathrm{N}$ ヨNON | JNON ON N／d ヨN |  |  |  |  |  | ヨ 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ydd | $\begin{aligned} & \text { ヨNON } \\ & \text { ヨNON } \\ & \text { ヨNON } \end{aligned}$ |  |  |  |  |  | 0 |
|  | ヨNON ：$\exists$ JNON | Nvy $9 ョ$ ：ヨกరెษO | dS dH＇AN <br>  |  |  |  |  | ＊ |
| S170＾$\exists \mathrm{NON}$ | ヨS7 ${ }^{\text {¢ }}$ |  | NON | ヨNON | ヨNON | $7 \forall \cap N \forall W$ | ヨNON |  |
| S¢ヨロVヨH ヨЈVdS | 1081NOJ | SXOLSIWYヨH1 |  | saly 98 | saly 9am | S801Jヨ108d | SLVISOW8ヨH」 |  |
|  |  |  |  | S801つヨ108d－OW8ヨH1 |  |  |  |  |


| 7ヨヨ⿺𠃊 Oヨา70¢ |  | ヨNON | ヨNON | 9S QY甘ONV」S | Wヨ Xヨy入10d | と0て9 | ع0て9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | 77＊9 | $77 \forall 9$ |
| 7VIVヨVWヨWV8」 | 7VIVヨIVWLヨVHS | 300 7VIכヨdS | ヨ0 7VIJヨdS | 3dA1 1．VHS | ヨSVヨy | 300 | ヨa |
|  |  |  |  |  |  | SONI | Vヨ9 |


| DE BRACKET <br> TYPE | ODE BRACKET <br> TYPE | MOUNT <br> TYPE | ORIENTATION | SEVERE <br> DUTY | HAZARDOUS <br> LOCATION | DRIP <br> COVER | SCREENS | PAINT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STANDARD | STANDARD | RIGID | HORIZONTAL | FALSE | NONE | FALSE | NONE | GREEN（ENAMEL） |


| ＇S97 ع $\downarrow$ | 0 | ＇03s OT | Z $\downarrow$ வ」－87 0 | てV1－97 $\downarrow$ 「＇0 | Vgp 0 I | Vgp 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I5M 8OLOW ＇XOZddV | $\begin{aligned} & \text { ynOH } \\ & \text { SL४甘1s } \end{aligned}$ | ヨWIL 77＊1S ヨヨVS | ZVタM＇XVW | ZVYM 8OLO | 8ヨMOd ONOOS |  ヨynssayd ONnOs |


| $\varepsilon S$ | \％乙92 | 1－97 | 6L＇II | \％乙8乙 | 1．－97 | L9＇てI | 8t／ 96 | 1．－97 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Oo3SI\％＇7＇ | ヨnరyol ${ }^{\text {a＇g }}$ |  |  | וּ |  |  | SdWV yO104 đヨ＞001 | ヨกరช0 | ＇7＇7 |


 OUTLINE：607－0038－800B MOUNTING：F1 ONLY





