



**Model JPC0152DP**  
**MFG PN: TXC254T15U2B-A**

| ELECTRICAL DATA                     |               |                            |
|-------------------------------------|---------------|----------------------------|
| Rated Motor Output Power            | 15            | HP                         |
|                                     | -             | kW                         |
| Rated Motor Speed                   | 3550          | r/min 60Hz                 |
|                                     | 2945          | r/min 50Hz                 |
| Rated Motor Voltage (+/-10%)        | 230/460       | V/60Hz                     |
|                                     | 190/380       | V/50Hz                     |
| Rated Motor Current                 | 33.6/16.8     | A (I <sub>n</sub> ) @ 60Hz |
|                                     | 40.4/20.2     | A (I <sub>n</sub> ) @ 50Hz |
| Phase                               | 3             | ∅                          |
| Locked Rotor Current @ High Voltage | 151.6529      | A (I <sub>n</sub> ) @ 60Hz |
| FI Current @ 208V                   | 37.1002558449 | A (I <sub>n</sub> ) @ 60Hz |
| Service Factor                      | 1.25          | @ 60Hz                     |
|                                     | 1             | @ 50Hz                     |
| KVA Code                            | K             | 60Hz                       |
|                                     | G             | 50Hz                       |
| Nominal Efficiency                  | 91            | % @ 60Hz                   |
| Nominal Power Factor                | 0.92          | cosΦ @ 60Hz                |
| Leads (Qty, Size)                   | 12            | -                          |
| Connection                          | DD/D          | -                          |
| Coil Resistance                     | 0.48          | Ω                          |
| Start Capacitor                     | -             | μF/V                       |
| Run Capacitor                       | -             | μF/V                       |
| <b>VFD DUTY (S.F. 1.0)</b>          | <b>RATIO</b>  | <b>Hz</b>                  |
| Variable Torque                     | 1000:1        | 2 - 60                     |
| Constant Torque                     | 15:1          | 4 - 60                     |
| <b>FULL LOAD TEMPERATURE RISE</b>   |               |                            |
| Full Load Temperature Rise          | 56.8          | °C @ 60Hz                  |
|                                     | 61.1          | °C @ 50Hz                  |

| GENERAL DATA                            |                  |           |
|---|------------------|-----------|
| Frame Size                              | 254JP            |           |
| Enclosure                               | TEFC             |           |
| Mounting                                | Rigid/C-Flange   |           |
| Approximate Weight (lbs.)               | 271.7 lbs.       |           |
| Casing Material / Fan Cover             | Cast Iron        | Cast Iron |
| Shaft Material                          | 304 SS           |           |
| NEMA Design                             | A                |           |
| Degree of Protection (IP)               | 55               |           |
| Insulation Class / Temp Rise (60Hz)     | F                | B         |
| Tropicalization                         | YES              |           |
| Duty                                    | Cont. / S1       |           |
| Conduit Box Location                    | 1-NPT 1-1/4"     |           |
| Feet Removable / Double Drilled         | YES              | NO        |
| Paintwork                               | 7024             |           |
|   | Graphite Gray    |           |
| <b>MECHANICAL DATA</b>                  |                  |           |
| Bearing DE Side                         | 6309C3           |           |
| Bearing ODE Side                        | 6309C3           |           |
| Grease Type                             | Mobil Polyrex EM |           |
| Compensation Ring (wavy washer)         | NDE              |           |
| Moment of Inertia (lb-ft <sup>2</sup> ) | -                |           |
| Sound Pressure @ 3 FT dBA               | 85.6             |           |
| <b>SITE CONDITIONS</b>                  |                  |           |
| Ambient Temperature (°C)                | 40               |           |
| Meters Above Sea Level (MASL)           | 1000             |           |
| <b>HAZARDOUS LOCATIONS</b>              |                  |           |
| CSA Certified                           | CSA Certified    |           |
| Temperature Code                        | -                | -         |

**Questions? Call 1.888.286.1820**