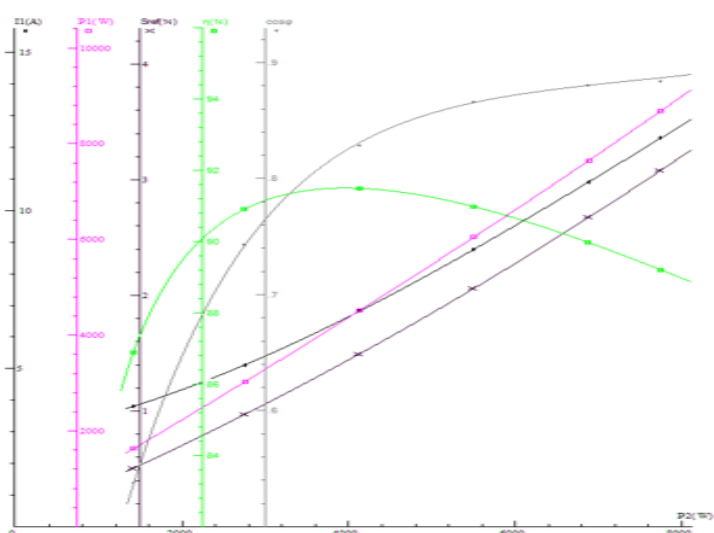




|              |                                        |
|--------------|----------------------------------------|
| Model Number | GR3-AL-TF-132SB35-4-B-D-7.5-230 460-60 |
| MFG PN       | T132S-4                                |
| List Price   | --                                     |

All data shown at HIGH voltage setting

Format STD 3 Phase

| Electrical Data                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                       |                                                                                          | General Data                                                                         |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------|
| Rated Motor Output Power                                                                                                                                                                                                                                                                                                                                                                                                           |                             | 7.5 HP                |                                                                                          | Frame Size                                                                           | 132                  |
| Rated Motor Speed                                                                                                                                                                                                                                                                                                                                                                                                                  |                             | 1765 r/min            |                                                                                          | Enclosure                                                                            | TEFC                 |
| Rated Motor Voltage (3 Phase)                                                                                                                                                                                                                                                                                                                                                                                                      |                             | 230 460-60 Volts - HZ |                                                                                          | Approximate Weight                                                                   | 103.4                |
| Rated Motor Current                                                                                                                                                                                                                                                                                                                                                                                                                |                             | 17.7/8.86 Amps        |                                                                                          | NEMA Design                                                                          | A                    |
| Service Factor                                                                                                                                                                                                                                                                                                                                                                                                                     |                             | 1.15                  |                                                                                          | IP Rating                                                                            | 55                   |
| KVA Code                                                                                                                                                                                                                                                                                                                                                                                                                           |                             | L                     |                                                                                          | Insulation Class                                                                     | F                    |
| Nominal Efficiency                                                                                                                                                                                                                                                                                                                                                                                                                 |                             | 91.7 %                |                                                                                          | Tropicalization                                                                      | YES                  |
| Nominal Power Factor                                                                                                                                                                                                                                                                                                                                                                                                               |                             | 0.85 cosθ             |                                                                                          | Duty                                                                                 | Cont.                |
| Full Load Torque Ft-Lb                                                                                                                                                                                                                                                                                                                                                                                                             |                             | 22.0557152 Ft-Lb      |                                                                                          | Cable Entry                                                                          | M25 X 1.5            |
| Temp Rise @ Full Load °C                                                                                                                                                                                                                                                                                                                                                                                                           |                             | 37.3                  |                                                                                          | Feet Removable                                                                       | YES                  |
| Efficiency Level                                                                                                                                                                                                                                                                                                                                                                                                                   |                             | IE3 - NEMA Premium    |                                                                                          | Double Drilled                                                                       | NO                   |
| Load Data                                                                                                                                                                                                                                                                                                                                                                                                                          | RPM                         | Trq %FL               | Current Amps                                                                             | Rated Ambient (°C)                                                                   | 40                   |
| Locked Rotor                                                                                                                                                                                                                                                                                                                                                                                                                       | -                           | 259                   | 89.99                                                                                    | Rated Altitude (M)                                                                   | 1000                 |
| Breakdown                                                                                                                                                                                                                                                                                                                                                                                                                          | -                           | 403                   | -                                                                                        | Coating                                                                              | 7024 - Graphite Grey |
| Pull Up                                                                                                                                                                                                                                                                                                                                                                                                                            | -                           | 197                   | -                                                                                        | Shaft Grounding                                                                      | NO                   |
| 125% of FL                                                                                                                                                                                                                                                                                                                                                                                                                         | 1760.9                      | -                     | 9.9261                                                                                   | Brake Voltage (DC)                                                                   | --                   |
| 75% of FL                                                                                                                                                                                                                                                                                                                                                                                                                          | 1772.2                      | -                     | 7.1462                                                                                   | Brake Torque (N-M)                                                                   | --                   |
| 50% of FL                                                                                                                                                                                                                                                                                                                                                                                                                          | 1755.2                      | -                     | 5.6169                                                                                   | Mechanical Data                                                                      |                      |
| No Load                                                                                                                                                                                                                                                                                                                                                                                                                            | --                          | -                     | 3.916                                                                                    | Bearing DE Side                                                                      | 6308ZZ               |
| Hazardous Location                                                                                                                                                                                                                                                                                                                                                                                                                 | Class 1, Div 2, Grp A,B,C,D |                       |                                                                                          | Bearing NDE Side                                                                     | 6308ZZ               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                       |                                                                                          | Moment of Inertia                                                                    | -- kg.m2             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                       |                                                                                          | Noise Level                                                                          | Per NEMA dB (A)      |
| CT VFD Range                                                                                                                                                                                                                                                                                                                                                                                                                       |                             | --                    | Loaded Torque Curves                                                                     |                                                                                      | --                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                       | P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor |                                                                                      |                      |
| Certifications                                                                                                                                                                                                                                                                                                                                                                                                                     | UL                          | CSA                   | DOE                                                                                      |  |                      |
| File Numbers                                                                                                                                                                                                                                                                                                                                                                                                                       | 323353                      | 224693                | 096A                                                                                     |                                                                                      |                      |
| Wiring Diagram                                                                                                                                                                                                                                                                                                                                                                                                                     | 3PH 9 Lead IEC Dual Voltage |                       |                                                                                          |                                                                                      |                      |
| <div><div>CONNECTION DIAGRAM</div><div><div><div><div>U2</div><div>V2</div><div>W2</div></div><div><div>U3</div><div>V3</div><div>W3</div></div><div><div>U1</div><div>V1</div><div>W1</div></div></div><div>LOW VOLTAGE</div><div><div><div>U2</div><div>V2</div><div>W2</div></div><div><div>U3</div><div>V3</div><div>W3</div></div><div><div>U1</div><div>V1</div><div>W1</div></div></div><div>HIGH VOLTAGE</div></div></div> |                             |                       |                                                                                          |                                                                                      |                      |

FRAME: 132SB35 HP: RPM: PHASE: 3 VOLT: ENCL: TEFC FREQ: 60 Hz FLA: LRA:

