



|              |                                       |
|--------------|---------------------------------------|
| Model Number | GR3-AL-TF-132SB3-4-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 cos $\theta$     | 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        |

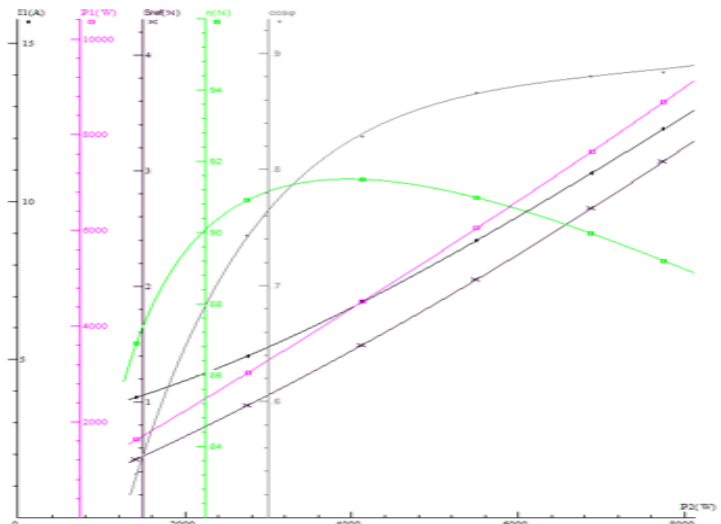
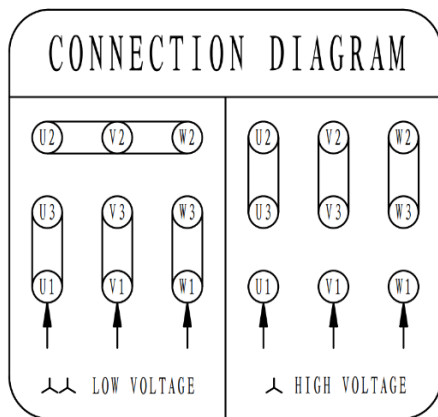
| Load Data    | RPM    | Trq %FL | Current Amps | Rated Ambient (°C) |                      |
|--------------|--------|---------|--------------|--------------------|----------------------|
| Locked Rotor | -      | 259     | 89.99        | Rated Altitude (M) | 1000                 |
| Breakdown    | -      | 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), $\eta$ = Efficiency (%), cos $\phi$ = Power Factor |  |    |                      |    |

|                |        |        |      |
|----------------|--------|--------|------|
| Certifications | UL     | CSA    | DOE  |
| File Numbers   | 323353 | 224693 | 096A |

|                |                             |
|----------------|-----------------------------|
| Wiring Diagram | 3PH 9 Lead IEC Dual Voltage |
|----------------|-----------------------------|



|               |     |      |          |                    |            |             |      |      |
|---------------|-----|------|----------|--------------------|------------|-------------|------|------|
| FRAME: 132SB3 | HP: | RPM: | PHASE: 3 | VOLT: 115/208-230V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA: |
|---------------|-----|------|----------|--------------------|------------|-------------|------|------|

