



Model Number GR3-CI-TF-256T-4-BR-F-20-575-60

MFG PN T256T20U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

| Electrical Data               |                    | General Data       |       |
|-------------------------------|--------------------|--------------------|-------|
| Rated Motor Output Power      | 20 HP              | Frame Size         | 256   |
| Rated Motor Speed             | 1770 r/min         | Enclosure          | TEFC  |
| Rated Motor Voltage (3 Phase) | 575-60 Volts - HZ  | Approximate Weight | 290.4 |
| Rated Motor Current           | 18.72 Amps         | NEMA Design        | A     |
| Service Factor                | 1.25               | IP Rating          | 55    |
| KVA Code                      | K                  | Insulation Class   | F     |
| Nominal Efficiency            | 93 %               | Tropicalization    | YES   |
| Nominal Power Factor          | 0.86 cos $\phi$    | Duty               | Cont. |
| Full Load Torque Ft-Lb        | 71.84224 Ft-Lb     | Cable Entry        | 1.25  |
| Temp Rise @ Full Load °C      | 50.6               | Feet Removable     | YES   |
| Efficiency Level              | IE3 - NEMA Premium | Double Drilled     | NO    |

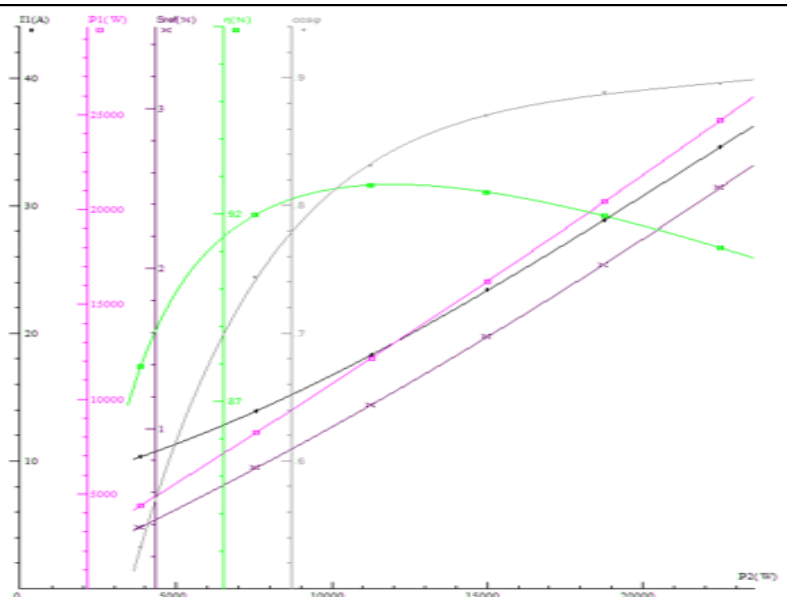
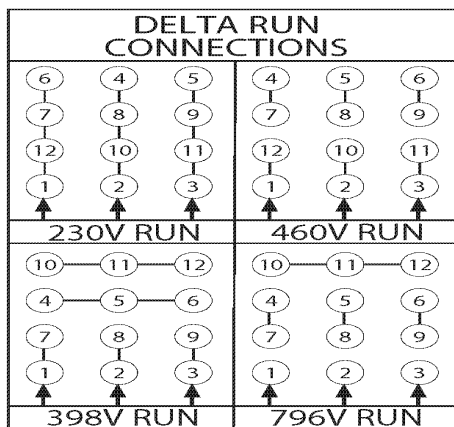
| Load Data    | RPM  | Trq %FL | Current Amps | Rated Ambient (°C) |                      |
|--------------|------|---------|--------------|--------------------|----------------------|
| Locked Rotor | -    | 280     | 169          | Rated Altitude (M) | 1000                 |
| Breakdown    | -    | 352     | -            | Coating            | 7024 - Graphite Grey |
| Pull Up      | -    | 206     | -            | Shaft Grounding    | NO                   |
| 125% of FL   | 1763 | -       | 23           | Brake Voltage (DC) | --                   |
| 75% of FL    | 1779 | -       | 14.6         | Brake Torque (N-M) | --                   |
| 50% of FL    | 1787 | -       | 11           | Mechanical Data    |                      |
| No Load      | --   | -       | 6.97         | Bearing DE Side    | 6309 C3              |

|                    |                             |  |                   |                 |
|--------------------|-----------------------------|--|-------------------|-----------------|
| Hazardous Location | Class 1, Div 2, Grp A,B,C,D |  | Bearing NDE Side  | 6309 C3         |
|                    |                             |  | 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 12 Lead Dual Voltage |
|----------------|--------------------------|



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FRAME: 256T HP: RPM: PHASE: 3 VOLT: 208 - 230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:

