



Model Number GR3-CI-TF-365TC-4-RR-D-75-230|460-60

MFG PN T365T 75U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

| Electrical Data               |                       | General Data       |       |
|-------------------------------|-----------------------|--------------------|-------|
| Rated Motor Output Power      | 75 HP                 | Frame Size         | 365   |
| Rated Motor Speed             | 1780 r/min            | Enclosure          | TEFC  |
| Rated Motor Voltage (3 Phase) | 230 460-60 Volts - HZ | Approximate Weight | 906   |
| Rated Motor Current           | 167.2/83.6 Amps       | NEMA Design        | BE    |
| Service Factor                | 1.15                  | IP Rating          | 55    |
| KVA Code                      | K                     | Insulation Class   | F     |
| Nominal Efficiency            | 95.4 %                | Tropicalization    | YES   |
| Nominal Power Factor          | 0.88 cos $\theta$     | Duty               | Cont. |
| Full Load Torque Ft-Lb        | 224.2304 Ft-Lb        | Cable Entry        | 1.25  |
| Temp Rise @ Full Load °C      | 62.5                  | Feet Removable     | YES   |
| Efficiency Level              | IE3 - NEMA Premium    | Double Drilled     | NO    |

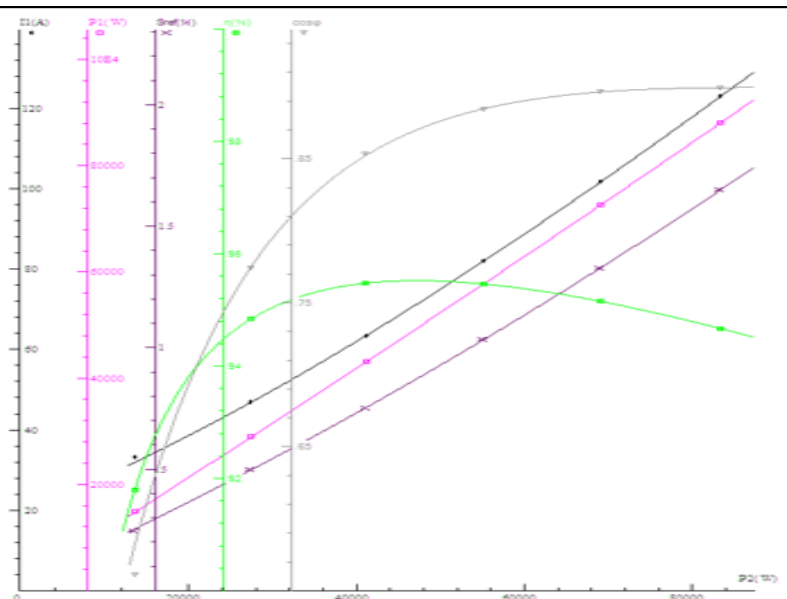
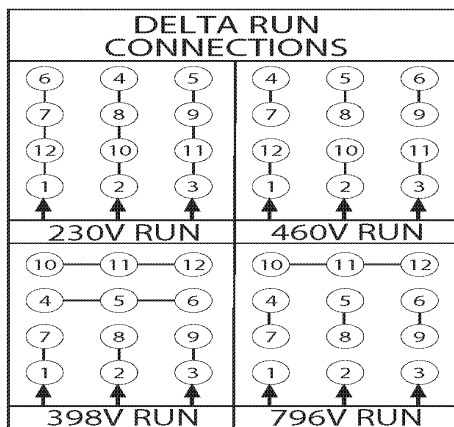
| Load Data    | RPM  | Trq %FL | Current Amps | Rated Ambient (°C) |                      |
|--------------|------|---------|--------------|--------------------|----------------------|
| Locked Rotor | -    | 328     | 829.5        | Rated Altitude (M) | 1000                 |
| Breakdown    | -    | 297     | -            | Coating            | 7024 - Graphite Grey |
| Pull Up      | -    | 165     | -            | Shaft Grounding    | NO                   |
| 125% of FL   | 1776 | -       | 102.6        | Brake Voltage (DC) |                      |
| 75% of FL    | 1786 | -       | 64.35        | Brake Torque (N-M) |                      |
| 50% of FL    | 1791 | -       | 47.41        | Mechanical Data    |                      |
| No Load      |      | -       | 27.82        | Bearing DE Side    | 6313 C3              |

|                    |                             |  |                   |                 |
|--------------------|-----------------------------|--|-------------------|-----------------|
| Hazardous Location | Class 1, Div 2, Grp A,B,C,D |  | Bearing NDE Side  | 6313 C3         |
|                    |                             |  | Moment of Inertia | kg.m2           |
|                    |                             |  | Noise Level       | Per NEMA dB (A) |

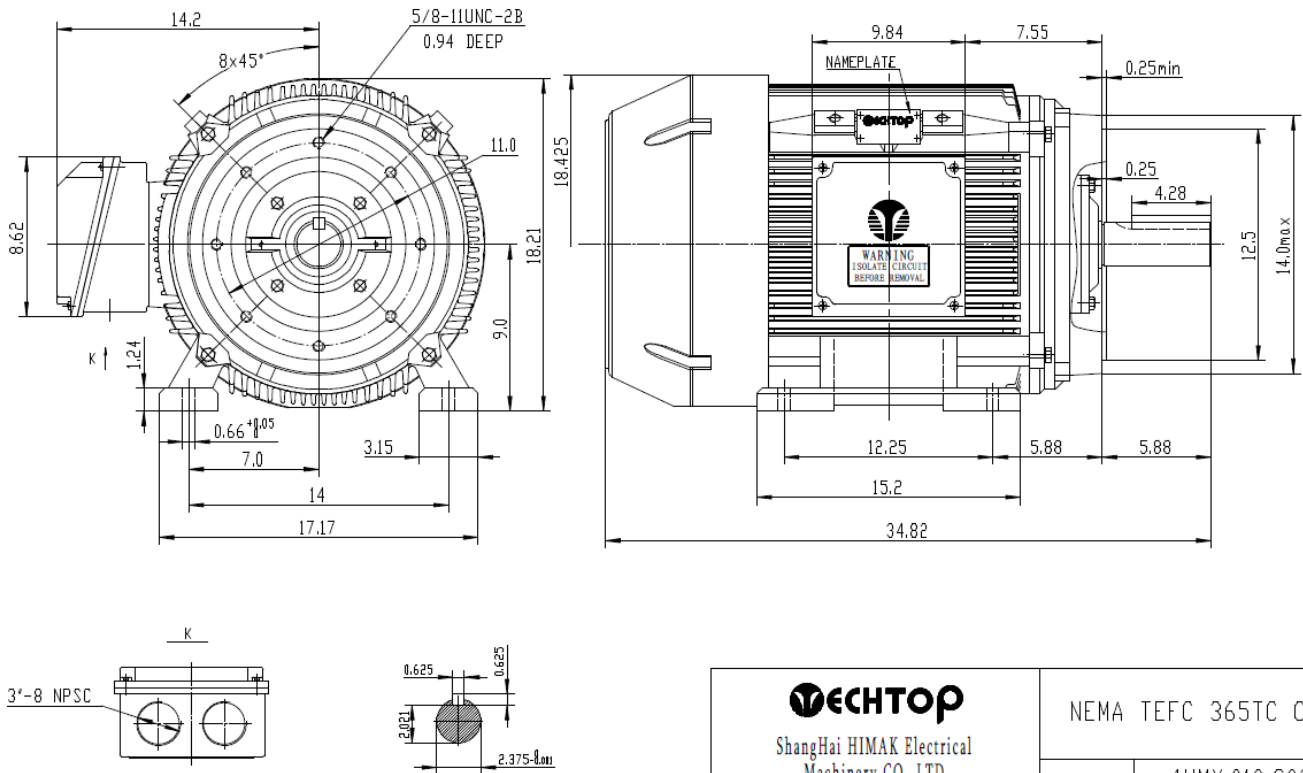
|                                                                                                     |  |    |                      |    |
|-----------------------------------------------------------------------------------------------------|--|----|----------------------|----|
| CT VFD Range                                                                                        |  | -- | 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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ShangHai HIMAK Electrical Machinery CO., LTD

NEMA TEFC 365TC CFC

NO: 1HMY.010.C028

|          |          |
|----------|----------|
| Design   | Standard |
| Checker  | Allow    |
| Auditing | Date     |

STEP MARK

1:5

SORT

Cast iron Motor