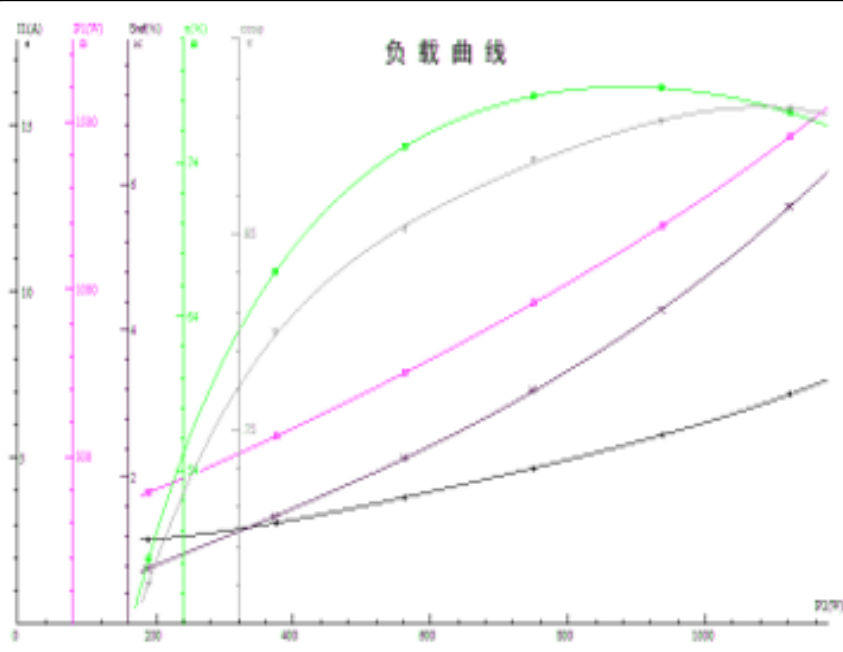


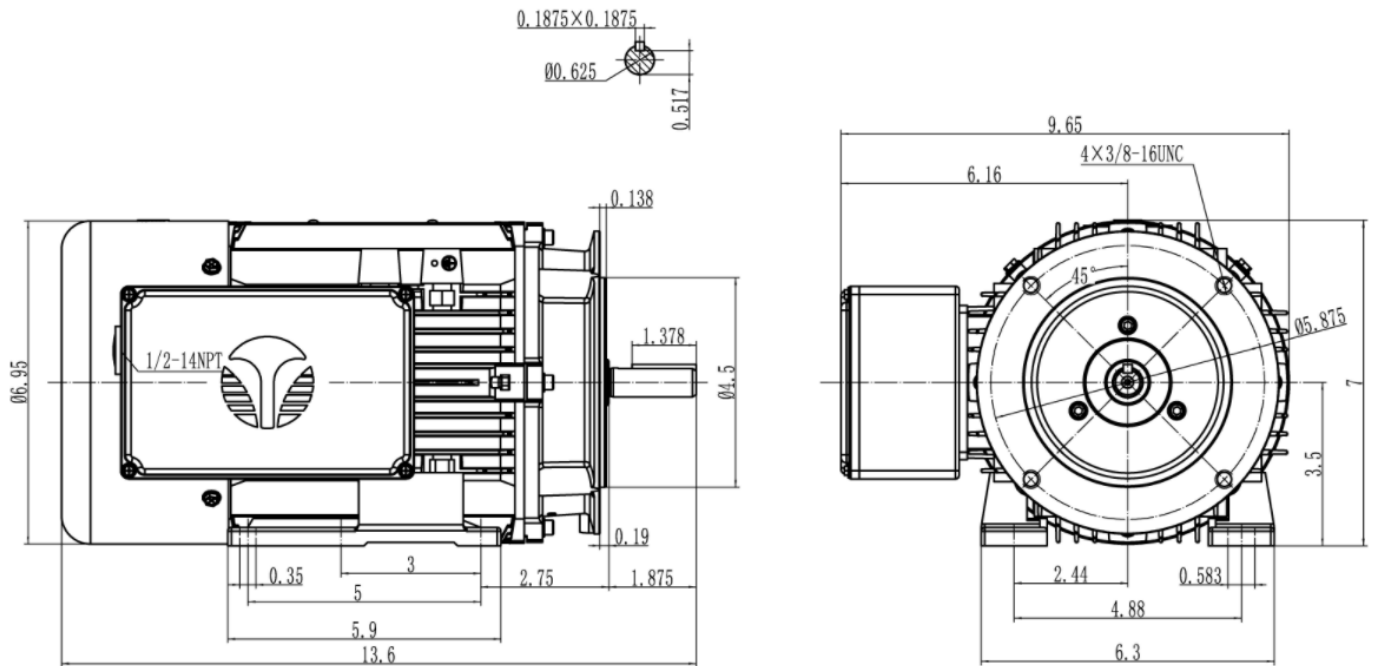
|                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                       |              |                                                                                                 |  |                                  |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------|--------------|-------------------------------------------------------------------------------------------------|--|----------------------------------|-------------|
| <div></div>                                                                                                                                                                                                                                                                                                                               |                             |                       |              | Model Number                                                                                    |  | CB1-AL-TF-56H-4-B-C-1-115 230-60 |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                       |              | MFG PN                                                                                          |  | TLF56H1Z4L                       |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                       |              | List Price                                                                                      |  | --                               |             |
| All data shown at HIGH voltage setting                                                                                                                                                                                                                                                                                                                                                                                    |                             |                       |              |                                                                                                 |  | Format                           | STD 1 Phase |
| Electrical Data                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                       |              | General Data                                                                                    |  |                                  |             |
| Rated Motor Output Power                                                                                                                                                                                                                                                                                                                                                                                                  |                             | 1 HP                  |              | Frame Size                                                                                      |  | 56                               |             |
| Rated Motor Speed                                                                                                                                                                                                                                                                                                                                                                                                         |                             | 1745 r/min            |              | Enclosure                                                                                       |  | TEFC                             |             |
| Rated Motor Voltage (1 Phase)                                                                                                                                                                                                                                                                                                                                                                                             |                             | 115 230-60 Volts - HZ |              | Approximate Weight                                                                              |  | 32.9                             |             |
| Rated Motor Current                                                                                                                                                                                                                                                                                                                                                                                                       |                             | 9.06/4.53 Amps        |              | NEMA Design                                                                                     |  | L                                |             |
| Service Factor                                                                                                                                                                                                                                                                                                                                                                                                            |                             | 1.15                  |              | IP Rating                                                                                       |  | 55                               |             |
| KVA Code                                                                                                                                                                                                                                                                                                                                                                                                                  |                             | H                     |              | Insulation Class                                                                                |  | F                                |             |
| Nominal Efficiency                                                                                                                                                                                                                                                                                                                                                                                                        |                             | 80 %                  |              | Tropicalization                                                                                 |  | YES                              |             |
| Nominal Power Factor                                                                                                                                                                                                                                                                                                                                                                                                      |                             | 0.9 cosθ              |              | Duty                                                                                            |  | Cont.                            |             |
| Full Load Torque Ft-Lb                                                                                                                                                                                                                                                                                                                                                                                                    |                             | 3.02416 Ft-Lb         |              | Cable Entry                                                                                     |  | 1-NPT 1/2                        |             |
| Temp Rise @ Full Load °C                                                                                                                                                                                                                                                                                                                                                                                                  |                             | 39.9                  |              | Feet Removable                                                                                  |  | YES                              |             |
| Efficiency Level                                                                                                                                                                                                                                                                                                                                                                                                          |                             | IE3 - NEMA Premium    |              | Double Drilled                                                                                  |  | NO                               |             |
| Load Data                                                                                                                                                                                                                                                                                                                                                                                                                 | RPM                         | Trq %FL               | Current Amps | Rated Ambient (°C)                                                                              |  | 40                               |             |
| Locked Rotor                                                                                                                                                                                                                                                                                                                                                                                                              | -                           | 223                   | 28.93        | Rated Altitude (M)                                                                              |  | 1000                             |             |
| Breakdown                                                                                                                                                                                                                                                                                                                                                                                                                 | -                           | 262                   | -            | Coating                                                                                         |  | 7024 - Graphite Gray             |             |
| Pull Up                                                                                                                                                                                                                                                                                                                                                                                                                   | -                           | 188                   | -            | Start Capacitor (µF / V / Qty)                                                                  |  | 300uF/ 165V                      |             |
| 125% of FL                                                                                                                                                                                                                                                                                                                                                                                                                | 1725                        | -                     | 5.6          | Run Capacitor (µF / V / Qty)                                                                    |  | 60uF/ 250V                       |             |
| 75% of FL                                                                                                                                                                                                                                                                                                                                                                                                                 | 1761                        | -                     | 3.66         | Centrifugal Switch Type                                                                         |  | CSF56-4-L                        |             |
| 50% of FL                                                                                                                                                                                                                                                                                                                                                                                                                 | 1774                        | -                     | 2.87         | Mechanical Data                                                                                 |  |                                  |             |
| No Load                                                                                                                                                                                                                                                                                                                                                                                                                   | --                          | -                     | 2            | Bearing DE Side                                                                                 |  | 6205-ZZ                          |             |
| Hazardous Location                                                                                                                                                                                                                                                                                                                                                                                                        | --                          |                       |              | Bearing NDE Side                                                                                |  | 6205-ZZ                          |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                       |              | 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          | <div></div> |  |                                  |             |
| File Numbers                                                                                                                                                                                                                                                                                                                                                                                                              | 323353                      | 224693                | 096A         |                                                                                                 |  |                                  |             |
| Wiring Diagram                                                                                                                                                                                                                                                                                                                                                                                                            | 1PH CB1 6 Lead Dual Voltage |                       |              |                                                                                                 |  |                                  |             |
| <div><div><div>CONNECTIONS</div><div><div><div>LOW VOLTAGE</div><div><div>T1</div><div>T3</div><div>T8</div><div>T2</div><div>T4</div><div>T5</div></div><div>Line 1</div><div>Line 2</div></div><div><div>T1 - Line 1</div><div>T2</div><div>T3</div><div>T8</div><div>T4</div><div>T5</div><div>Line 2</div></div><div>HIGH VOLTAGE</div></div><div>To Reverse Either Voltage Interchange T5 &amp; T8</div></div></div> |                             |                       |              |                                                                                                 |  |                                  |             |

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|              |                                  |
|--------------|----------------------------------|
| Model Number | CB1-AL-TF-56H-4-B-C-1-115 230-60 |
| MFG PN       | TLF56H1Z4L                       |
| List Price   | --                               |
| Base Frame   | C1-56H-AL-TF                     |

|        |     |      |        |       |       |       |      |      |
|--------|-----|------|--------|-------|-------|-------|------|------|
| FRAME: | HP: | RPM: | PHASE: | VOLT: | ENCL: | FREQ: | FLA: | LRA: |
|--------|-----|------|--------|-------|-------|-------|------|------|



|            |         |          |     |          |                 |
|------------|---------|----------|-----|----------|-----------------|
| MODEL:     | TLF56HC | SCALE:   | 1:1 | DATE:    | UNITS:          |
| REV. DESC: |         | VERSION: |     | REVISED: | BY:             |
|            |         |          |     |          | WWW.TECHTOP.COM |

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