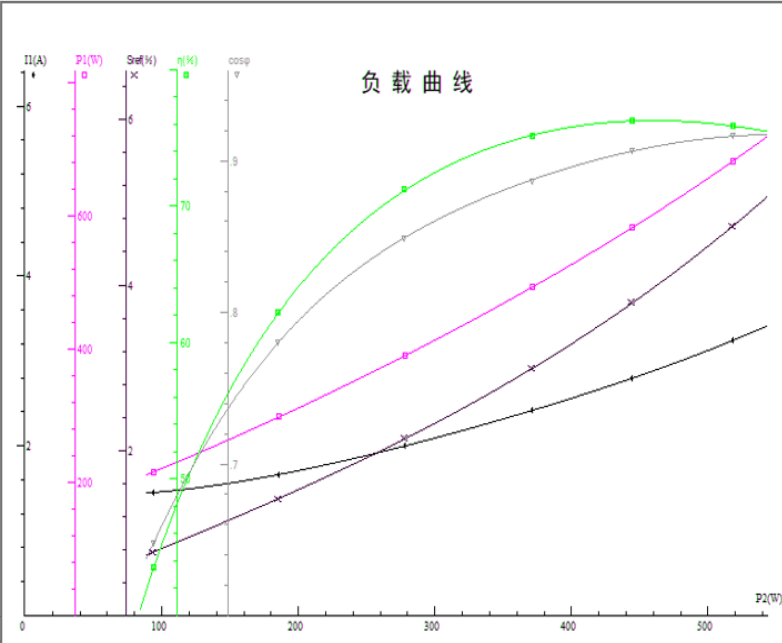
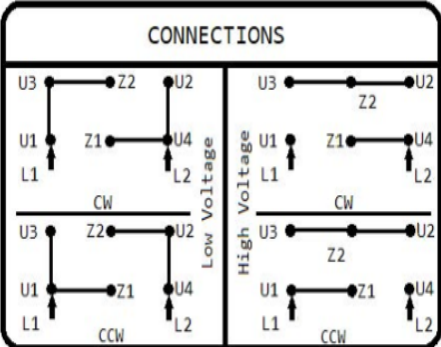




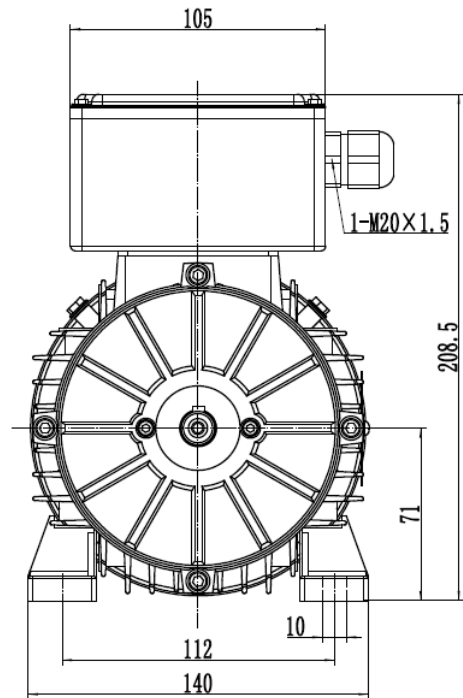
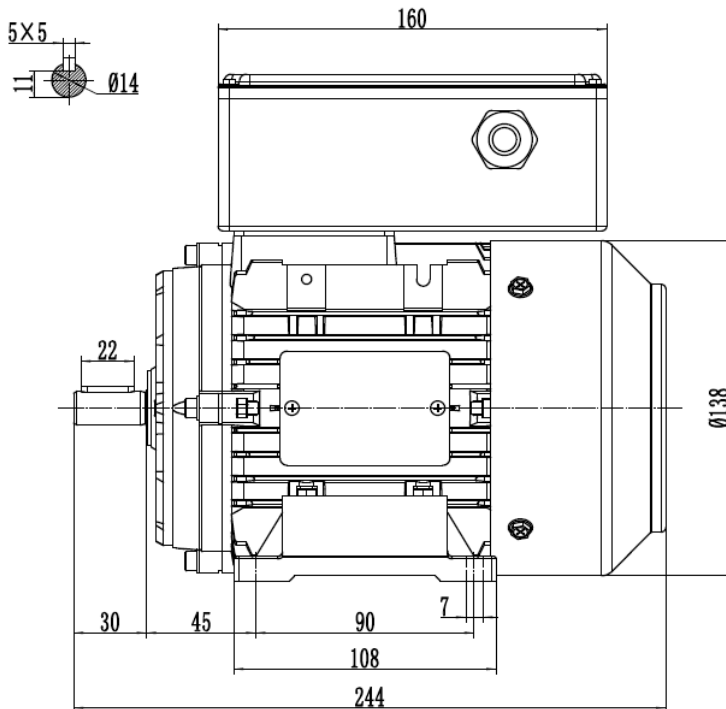
|                                                                                                                             |                    |                       |              |                                                                                                                |                      |                                                                                          |             |  |  |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|--------------|----------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------|-------------|--|--|
| <div><div></div></div>                      |                    |                       |              | Model Number                                                                                                   |                      | BL1-AL-TF-71B3-4-B-C-.5-115 230-60                                                       |             |  |  |
|                                                                                                                             |                    |                       |              | MFG PN                                                                                                         |                      | TL712-4                                                                                  |             |  |  |
|                                                                                                                             |                    |                       |              | List Price                                                                                                     |                      | --                                                                                       |             |  |  |
| All data shown at HIGH voltage setting                                                                                      |                    |                       |              |                                                                                                                |                      | Format                                                                                   | STD 1 Phase |  |  |
| Electrical Data                                                                                                             |                    |                       |              | General Data                                                                                                   |                      |                                                                                          |             |  |  |
| Rated Motor Output Power                                                                                                    |                    | 0.5 HP                |              | Frame Size                                                                                                     |                      | 71                                                                                       |             |  |  |
| Rated Motor Speed                                                                                                           |                    | 1740 r/min            |              | Enclosure                                                                                                      |                      | TEFC                                                                                     |             |  |  |
| Rated Motor Voltage (1 Phase)                                                                                               |                    | 115 230-60 Volts - HZ |              | Approximate Weight                                                                                             |                      | 19.14                                                                                    |             |  |  |
| Rated Motor Current                                                                                                         |                    | 4.96/2.48 Amps        |              | NEMA Design                                                                                                    |                      | --                                                                                       |             |  |  |
| Service Factor                                                                                                              |                    | 1.25                  |              | IP Rating                                                                                                      |                      | 55                                                                                       |             |  |  |
| KVA Code                                                                                                                    |                    | H                     |              | Insulation Class                                                                                               |                      | F                                                                                        |             |  |  |
| Nominal Efficiency                                                                                                          |                    | 72 %                  |              | Tropicalization                                                                                                |                      | YES                                                                                      |             |  |  |
| Nominal Power Factor                                                                                                        |                    | 0.9 cosθ              |              | Duty                                                                                                           |                      | CONT                                                                                     |             |  |  |
| Full Load Torque Ft-Lb                                                                                                      |                    | 2.02 Ft-Lb            |              | Cable Entry                                                                                                    |                      | 1                                                                                        |             |  |  |
| Temp Rise @ Full Load °C                                                                                                    |                    | --                    |              | Feet Removable                                                                                                 |                      | YES                                                                                      |             |  |  |
| Efficiency Level                                                                                                            |                    | IE3 - NEMA Premium    |              | Double Drilled                                                                                                 |                      | NO                                                                                       |             |  |  |
| Load Data                                                                                                                   | RPM                | Trq %FL               | Current Amps | Rated Ambient (°C)                                                                                             |                      | 40                                                                                       |             |  |  |
| Locked Rotor                                                                                                                | -                  | 292                   | 15.69        | Rated Altitude (M)                                                                                             |                      | 1000                                                                                     |             |  |  |
| Breakdown                                                                                                                   | -                  | 456                   | -            | Coating                                                                                                        |                      | 7024 - Graphite Grey                                                                     |             |  |  |
| Pull Up                                                                                                                     | -                  | 213                   | -            | Start Capacitor (µF / V / Qty)                                                                                 |                      | --                                                                                       |             |  |  |
| 125% of FL                                                                                                                  | 1728               | -                     | 2.89         | Run Capacitor (µF / V / Qty)                                                                                   |                      | --                                                                                       |             |  |  |
| 75% of FL                                                                                                                   | 1762               | -                     | 1.99         | Centrifugal Switch Type                                                                                        |                      | --                                                                                       |             |  |  |
| 50% of FL                                                                                                                   | 1775               | -                     | 1.66         | Mechanical Data                                                                                                |                      |                                                                                          |             |  |  |
| No Load                                                                                                                     | --                 | -                     | 1.34         |                                                                                                                |                      |                                                                                          |             |  |  |
| Hazardous Location                                                                                                          | --                 |                       |              | Bearing DE Side                                                                                                |                      | 6202                                                                                     |             |  |  |
|                                                                                                                             |                    |                       |              | Bearing NDE Side                                                                                               |                      | 6202                                                                                     |             |  |  |
|                                                                                                                             |                    |                       |              | 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>负载曲线</div></div> |                      |                                                                                          |             |  |  |
| File Numbers                                                                                                                | 323353             | 224693                | 096A         |                                                                                                                |                      |                                                                                          |             |  |  |
| Wiring Diagram                                                                                                              | BL1-Wiring Diagram |                       |              |                                                                                                                |                      |                                                                                          |             |  |  |
| <div><div>BL1 Wiring Diagram</div></div> |                    |                       |              |                                                                                                                |                      |                                                                                          |             |  |  |

TECHTOP Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



|              |                                    |
|--------------|------------------------------------|
| Model Number | BL1-AL-TF-71B3-4-B-C-.5-115 230-60 |
| MFG PN       | TL712-4                            |
| List Price   | --                                 |
| Base Frame   | BL1-71B3-AL-TF                     |

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



|           |      |              |          |        |
|-----------|------|--------------|----------|--------|
| MODEL:    | TL71 | SCALE: 1:1.5 | DATE:    | UNITS: |
| REV.DISC: |      | VERSION:     | REVISED: | BY:    |

WWW.TECHTOP.COM

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540