



Model Number SD3-444TSC-2-BR-E-125-460-60

MFG PN T444TS125U2B

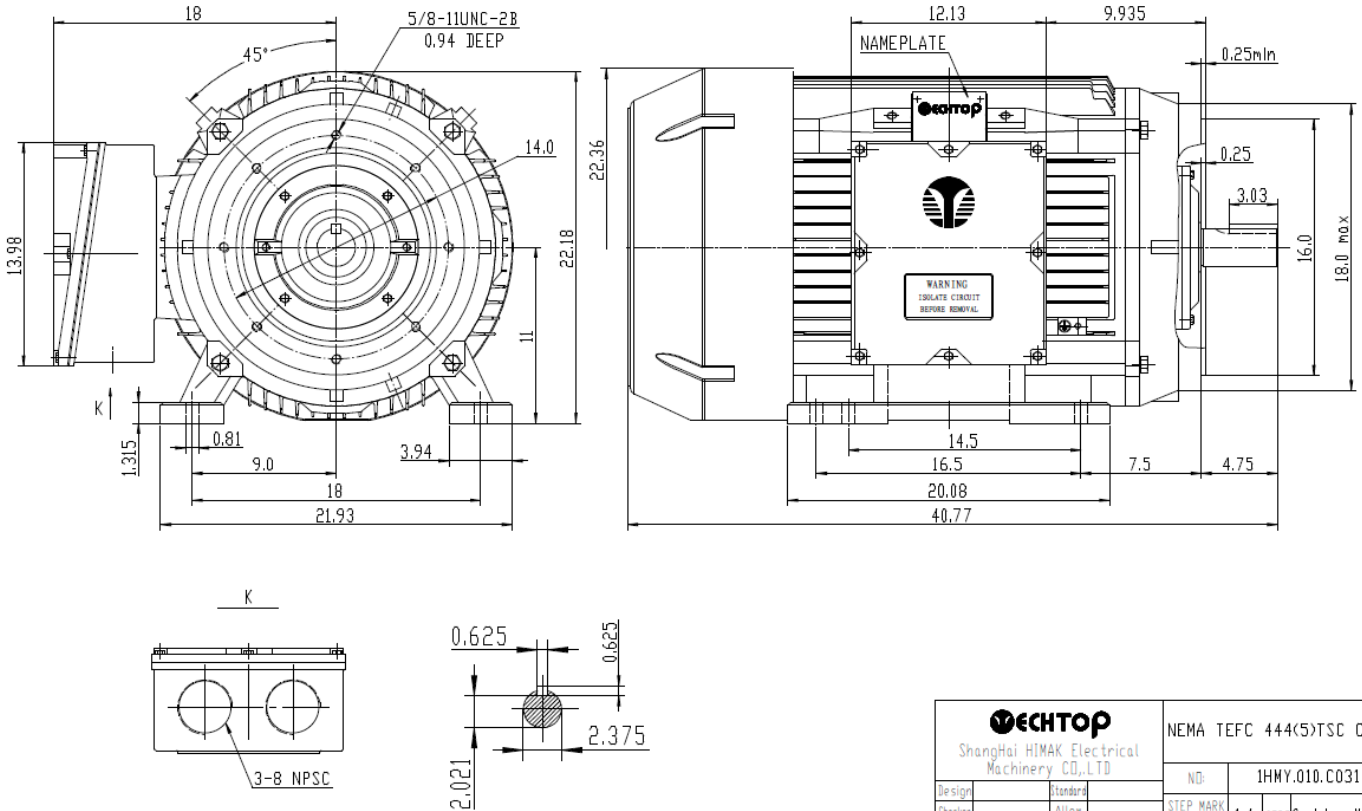
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

| Electrical Data | | | | General Data | |
|-------------------------------|------------------------|---------|--------------|--|----------------------|
| Rated Motor Output Power | 125 HP | | | Frame Size | 444 |
| Rated Motor Speed | 3560 r/min | | | Enclosure | TEFC |
| Rated Motor Voltage (3 Phase) | 460-60 Volts - HZ | | | Approximate Weight | 1411.1 |
| Rated Motor Current | 137 Amps | | | NEMA Design | B |
| Service Factor | 1.15 | | | IP Rating | 56 |
| KVA Code | G | | | Insulation Class | F |
| Nominal Efficiency | 95 % | | | Tropicalization | YES |
| Nominal Power Factor | 0.9 cosθ | | | Duty | Cont. |
| Full Load Torque Ft-Lb | 248 Ft-Lb | | | Cable Entry | 1.25 |
| Temp Rise @ Full Load °C | 81.8 | | | Feet Removable | YES |
| Efficiency Level | IE3 - NEMA Premium | | | Double Drilled | NO |
| Load Data | RPM | Trq %FL | Current Amps | Rated Ambient (°C) | 40 |
| Locked Rotor | - | 172 | 816 | Rated Altitude (M) | 1000 |
| Breakdown | - | 231 | - | Coating | 7024 - Graphite Grey |
| Pull Up | - | 94 | - | Shaft Grounding | YES |
| 125% of FL | 3553 | - | 173.61 | Brake Voltage (DC) | -- |
| 75% of FL | 3575 | - | 101.2 | Brake Torque (N-M) | -- |
| 50% of FL | 3584 | - | 69.68 | Mechanical Data | |
| No Load | 3599 | - | 23.47 | Bearing DE Side | 6316 C3 |
| Hazardous Location | CL1 Div2 Grp A,B,C,D | | | Bearing NDE Side | 6316 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), η = Efficiency (%), cosφ = Power Factor | |
| Certifications | UL | CSA | DOE | | |
| File Numbers | 323353 | 224693 | 096A | | |
| Wiring Diagram | 3PH Single Voltage SD3 | | | | |
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|--------------|------------------------------|
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| MFG PN | T444TS125U2B |
| List Price | -- |
| Base Frame | SD-444TSC-CI-TF |



| | | | |
|--|----------|-------------------------|-----------------|
| TECHTOP Shanghai HIMAK Electrical Machinery CO., LTD | | NEMA TEFC 444(5)TSC CFC | |
| Design | Standard | NO: | 1HWY.010.C031 |
| Checker | Allow | STEP MARK | 1v4 SORT |
| Auditing | Date | | Cast iron Motor |