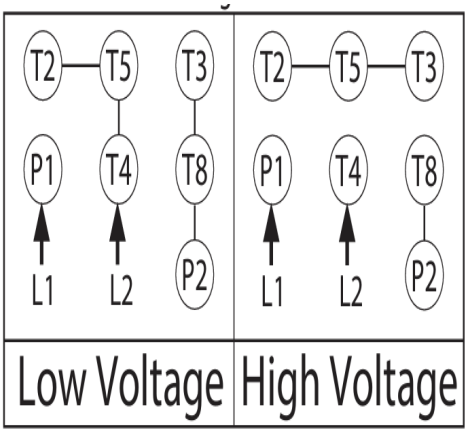
| | | | |
|---|---|---|---|
| TECHTOP electric motors | | **Model Number** | **RD1-RS-TF-56H-4-B-C-1.5-115\|230-60** |
| | | **MFG PN** | **SLF56H1.5Z4L** |
| | | **List Price** | **--** |
| All data shown at HIGH voltage setting | | Format | STD 1 Phase |

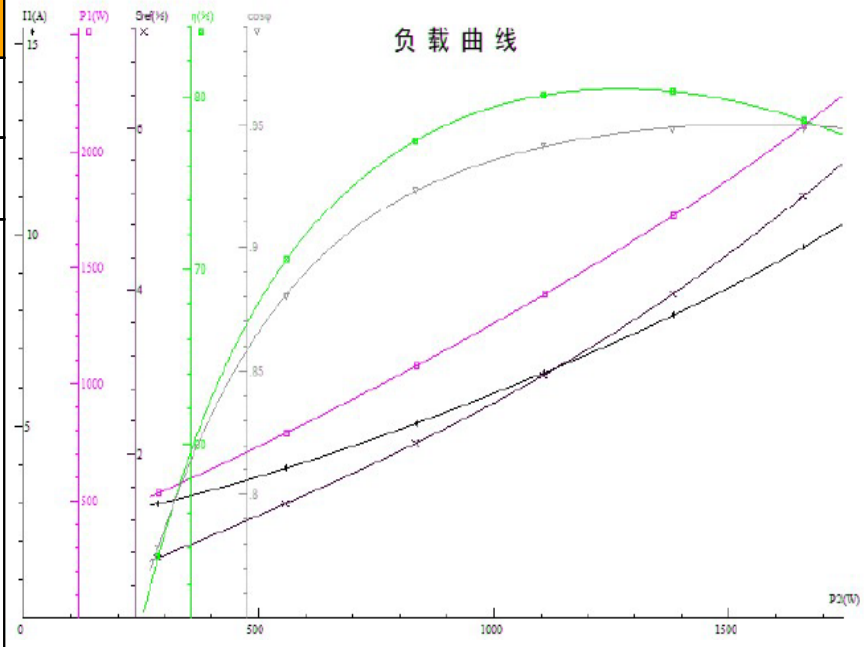
| **Electrical Data** | | **General Data** | |
|---|---|---|---|
| Rated Motor Output Power | 1.5 HP | Frame Size | 56 |
| Rated Motor Speed | 1740 r/min | Enclosure | TEFC |
| Rated Motor Voltage (1 Phase) | 115\|230-60 Volts - HZ | Approximate Weight | 47.5 |
| Rated Motor Current | 13.3/6.65 Amps | NEMA Design | L |
| Service Factor | 1.15 | IP Rating | 55 |
| KVA Code | H | Insulation Class | F |
| Nominal Efficiency | 92 % | Tropicalization | YES |
| Nominal Power Factor | 0.92 cosθ | Duty | Cont. |
| Full Load Torque Ft-Lb | -- Ft-Lb | Cable Entry | -- |
| Temp Rise @ Full Load °C | 80.33 | Feet Removable | YES |
| Efficiency Level | IE3 - NEMA Premium | Double Drilled | NO |

| **Load Data** | **RPM** | **Trq %FL** | **Current Amps** | Rated Ambient (°C) | 40 |
|---|---|---|---|---|---|
| Locked Rotor | - | 268 | -- | Rated Altitude (M) | 1000 |
| Breakdown | - | 332 | - | Coating | 7024 - Graphite Grey |
| Pull Up | - | 249 | - | Start Capacitor (µF / V / Qty) | -- |
| 125% of FL | -- | - | -- | Run Capacitor (µF / V / Qty) | -- |
| 75% of FL | -- | - | -- | Centrifugal Switch Type | -- |
| 50% of FL | -- | - | -- | **Mechanical Data** | |
| No Load | -- | - | -- | Bearing DE Side | 6204 2RZ |
| Hazardous Location | **CLI/II Div2 Grp C,D/F,G** | | | Bearing NDE Side | 6203 2RZ |
| | | | | Moment of Inertia | -- kg.m2 |
| | | | | Noise Level | Per NEMA dB (A) |

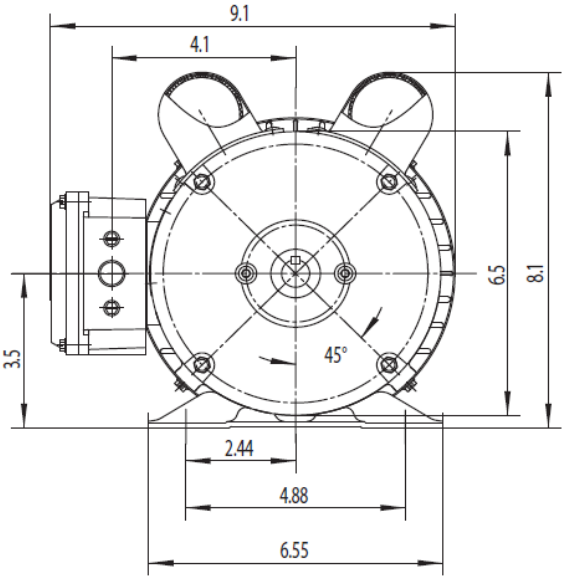
| | | | |
|---|---|---|---|
| CT VFD Range | -- | **Loaded Torque Curves** | **--** |
| | | **P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor** | |

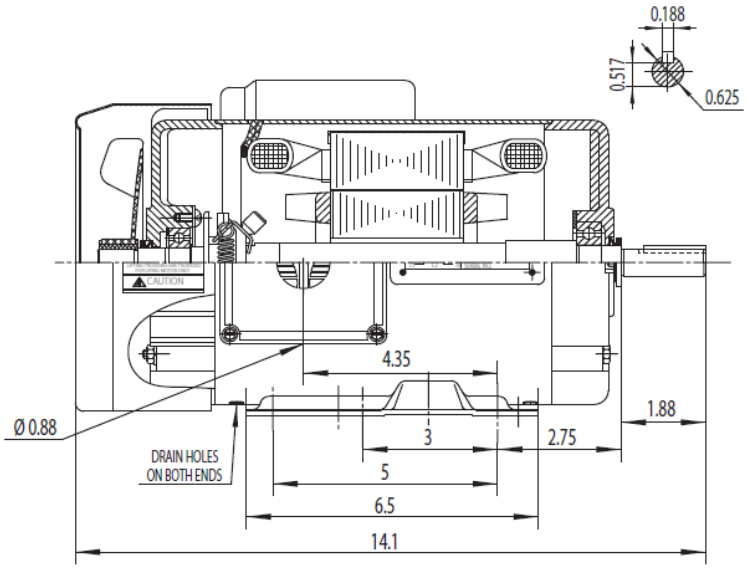
| Certifications | UL | CSA | DOE |
|---|---|---|---|
| File Numbers | **323353** | **224693** | 096A |
| **Wiring Diagram** | **RD1-56-145-Frame-wiringDiagram** | | |



| | |
|---|---|
| Model Number | RD1-RS-TF-56H-4-B-C-1.5-115\|230-60 |
| MFG PN | SLF56H1.5Z4L |
| List Price | -- |
| Base Frame | RD-56H-RS-TF |




| | | | |
|---|---|---|---|
| TECHTOP® | | NEMA TEFC 56H | |
| Drawing Number: | RD1-RS-TF-56H | Issued Date: | 6/22/15 |
| Dimensions: | Inches | | |
| Mounting: | Rigid | TEFC - Red Line NEMA High Torque Farm Duty Series | |
| Casing Material: | Rolled Steel | | |