



Model Number **WX3-AL-TF-56C-2-B-D-2-230|460-60**

MFG PN **T56 2U2B**

List Price **--**

All data shown at HIGH voltage setting

Format **STD 3 Phase**

| Electrical Data               |                       | General Data       |      |
|-------------------------------|-----------------------|--------------------|------|
| Rated Motor Output Power      | 2 HP                  | Frame Size         | 56   |
| Rated Motor Speed             | 3470 r/min            | Enclosure          | TEFC |
| Rated Motor Voltage (3 Phase) | 230 460-60 Volts - HZ | Approximate Weight | --   |
| Rated Motor Current           | -- Amps               | NEMA Design        | B    |
| Service Factor                | 1.15                  | IP Rating          | 56   |
| KVA Code                      | K                     | Insulation Class   | F    |
| Nominal Efficiency            | 83.8 %                | Tropicalization    | YES  |
| Nominal Power Factor          | 0.82 cosθ             | Duty               | cont |
| Full Load Torque Ft-Lb        | -- Ft-Lb              | Cable Entry        | 1.25 |
| Temp Rise @ Full Load °C      | 26.5                  | Feet Removable     | YES  |
| Efficiency Level              | IE3 - NEMA Premium    | Double Drilled     | NO   |

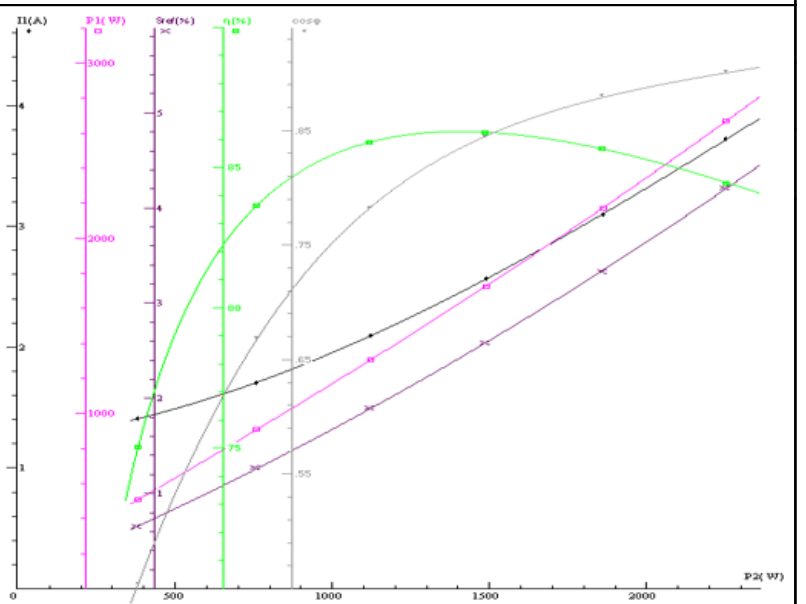
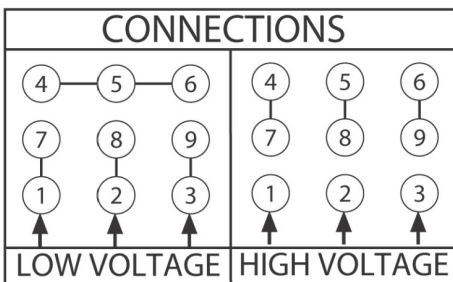
| Load Data    | RPM  | Trq %FL | Current Amps | Rated Ambient (°C) |                      |
|--------------|------|---------|--------------|--------------------|----------------------|
| Locked Rotor | -    | 353     | 24.31        | Rated Altitude (M) | 1000                 |
| Breakdown    | -    | 424     | -            | Coating            | 7024 - Graphite Grey |
| Pull Up      | -    | 295     | -            | Shaft Grounding    | NO                   |
| 125% of FL   | 3479 | -       | 3.12         | Brake Voltage (DC) | --                   |
| 75% of FL    | 3532 | -       | 2            | Brake Torque (N-M) | --                   |
| 50% of FL    | 3555 | -       | 1.69         | Mechanical Data    |                      |
| No Load      | --   | -       | 1.3          | Bearing DE Side    | 6204ZZ               |

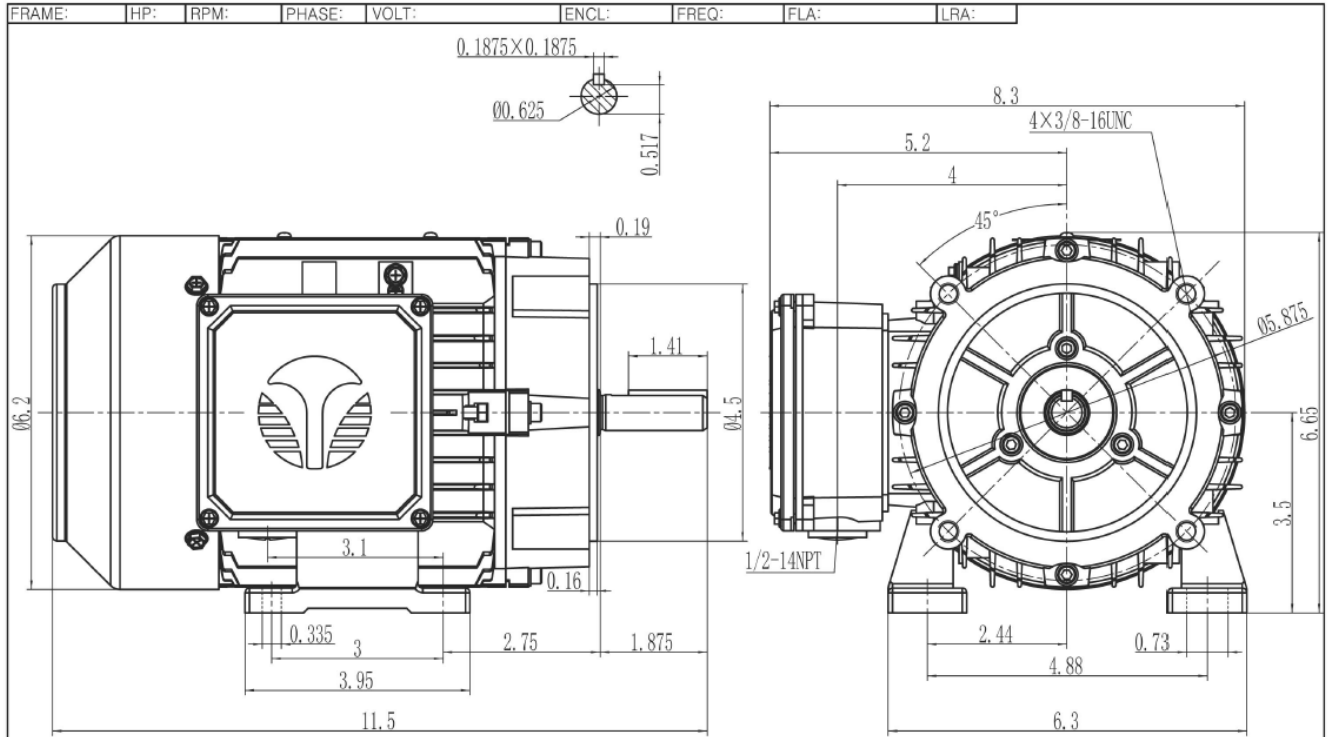
|                    |                            |  |                   |                 |
|--------------------|----------------------------|--|-------------------|-----------------|
| Hazardous Location | Class 1, Div2, Grp A,B,C,D |  | Bearing NDE Side  | 6204ZZ          |
|                    |                            |  | 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 9 Lead Dual Voltage |        |      |

**3 Phase - YY/Y - 9 Lead**  
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD  
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom  
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





MODEL: NEMA56C

SCALE: 1:1.5

DATE:

UNITS:

REV.DISC:

VERSION:

REVISED:

BY:

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