



Model Number CB3-AL-TN-56CZY-4-B-D-.5-MD-208-230|460-60

MFG PN TXA56 1/2U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

| Electrical Data               |                           | General Data       |          |
|-------------------------------|---------------------------|--------------------|----------|
| Rated Motor Output Power      | 0.5 HP                    | Frame Size         | 56       |
| Rated Motor Speed             | 1750 r/min                | Enclosure          | TENV     |
| Rated Motor Voltage (3 Phase) | 208-230 460-60 Volts - HZ | Approximate Weight | 20.1     |
| Rated Motor Current           | 1.76/1.8/0.9 Amps         | NEMA Design        | A        |
| Service Factor                | 1.25                      | IP Rating          | 55       |
| KVA Code                      | L                         | Insulation Class   | F        |
| Nominal Efficiency            | 79.5 %                    | Tropicalization    | YES      |
| Nominal Power Factor          | 0.64 cosθ                 | Duty               | S2 30min |
| Full Load Torque Ft-Lb        | 1.50 Ft-Lb                | Cable Entry        | 1.25     |
| Temp Rise @ Full Load °C      | 26.4                      | Feet Removable     | YES      |
| Efficiency Level              | IE3 - NEMA Premium        | Double Drilled     | NO       |

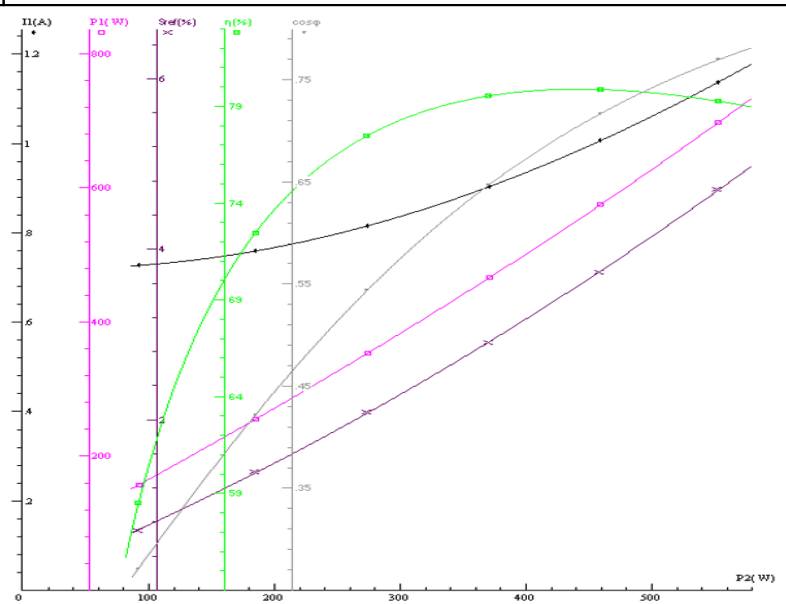
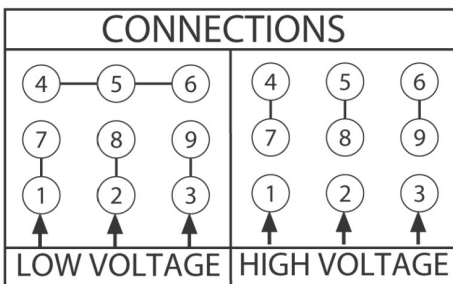
| Load Data    | RPM    | Trq %FL | Current Amps | Rated Ambient (°C) |                      |
|--------------|--------|---------|--------------|--------------------|----------------------|
| Locked Rotor | -      | 228     | 5.51         | Rated Altitude (M) | 1000                 |
| Breakdown    | -      | 368     | -            | Coating            | 7024 - Graphite Grey |
| Pull Up      | -      | 273     | -            | Shaft Grounding    |                      |
| 125% of FL   | 1732   | -       | 1.01         | Brake Voltage (DC) |                      |
| 75% of FL    | 1762   | -       | 0.81         | Brake Torque (N-M) |                      |
| 50% of FL    | 1755.2 | -       | 0.75         | Mechanical Data    |                      |
| No Load      |        | -       | 1.1          | Bearing DE Side    | 6204ZZ               |

|                    |                           |  |  |                   |                 |
|--------------------|---------------------------|--|--|-------------------|-----------------|
| Hazardous Location | CLII/III Div2 Grp C,D/F,G |  |  | 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



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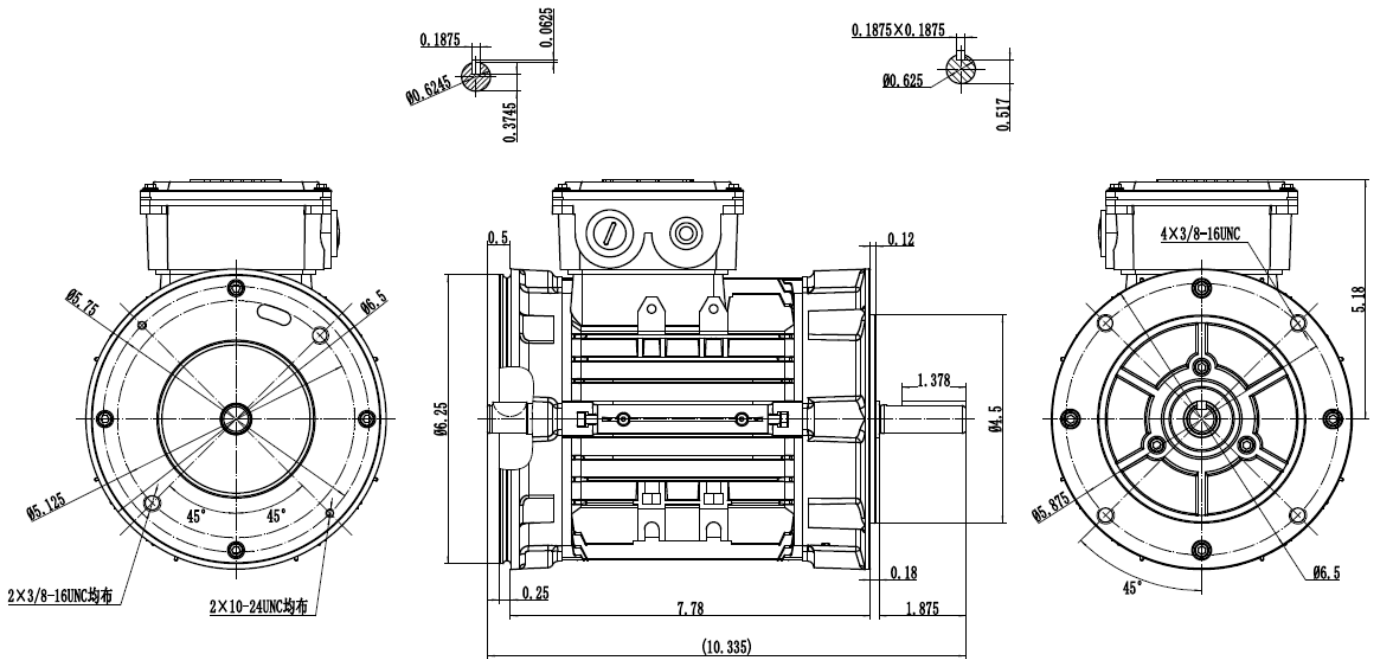
Model Number CB3-AL-TN-56CYZ-4-B-D-5-MD-208-230|460-60

MFG PN TXA56 1/2U4B

List Price --

Base Frame CB-56CYZ-AL-TN

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



MODEL: TXA56C  
REV. DESC:

SCALE: 1:1  
VERSION:

DATE:  
REVISED:

UNITS:  
BY:

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