



|              |                                    |
|--------------|------------------------------------|
| Model Number | XR3-AL-TF-213TC-6-B-D-3-190 380-50 |
| MFG PN       | T 213T3U6B                         |
| List Price   | --                                 |

All data shown at HIGH voltage setting

Format STD 3 Phase

| Electrical Data               |                       | General Data       |       |
|-------------------------------|-----------------------|--------------------|-------|
| Rated Motor Output Power      | 3 HP                  | Frame Size         | 213   |
| Rated Motor Speed             | 970 r/min             | Enclosure          | TEFC  |
| Rated Motor Voltage (3 Phase) | 190 380-50 Volts - HZ | Approximate Weight | --    |
| Rated Motor Current           | 9.81/4.90 Amps        | NEMA Design        | BE    |
| Service Factor                | 1.15                  | IP Rating          | 55    |
| KVA Code                      | H                     | Insulation Class   | H     |
| Nominal Efficiency            | 89.7 %                | Tropicalization    | YES   |
| Nominal Power Factor          | 0.76 cosθ             | Duty               | Cont. |
| Full Load Torque Ft-Lb        | 15.93216 Ft-Lb        | Cable Entry        | 1.25  |
| Temp Rise @ Full Load °C      | 20                    | Feet Removable     | YES   |
| Efficiency Level              | IE3 - NEMA Premium    | Double Drilled     | NO    |

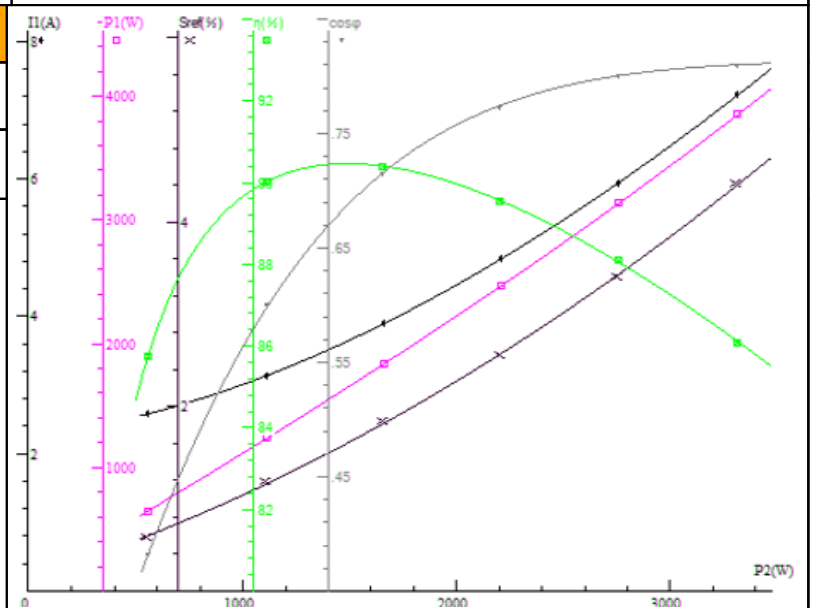
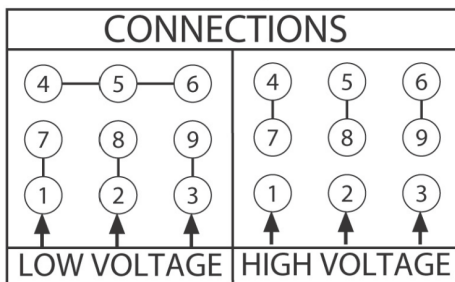
| Load Data    | RPM   | Trq %FL | Current Amps | Rated Ambient (°C) |                      |
|--------------|-------|---------|--------------|--------------------|----------------------|
| Locked Rotor | -     | 184     | 30           | Rated Altitude (M) | 1000                 |
| Breakdown    | -     | 283     | -            | Coating            | 7024 - Graphite Grey |
| Pull Up      | -     | 148     | -            | Shaft Grounding    | YES                  |
| 125% of FL   | 999.6 | -       | 7.18         | Brake Voltage (DC) | --                   |
| 75% of FL    | 999.8 | -       | 3.87         | Brake Torque (N-M) | --                   |
| 50% of FL    | 999.9 | -       | 3.19         | Mechanical Data    |                      |
| No Load      | --    | -       | --           | Bearing DE Side    | 6308ZZ               |

|                    |                             |  |                   |                 |
|--------------------|-----------------------------|--|-------------------|-----------------|
| Hazardous Location | Class 1, Div 2, Grp A,B,C,D |  | Bearing NDE Side  | 6208ZZ          |
|                    |                             |  | Moment of Inertia | -- kg.m2        |
|                    |                             |  | Noise Level       | Per NEMA dB (A) |

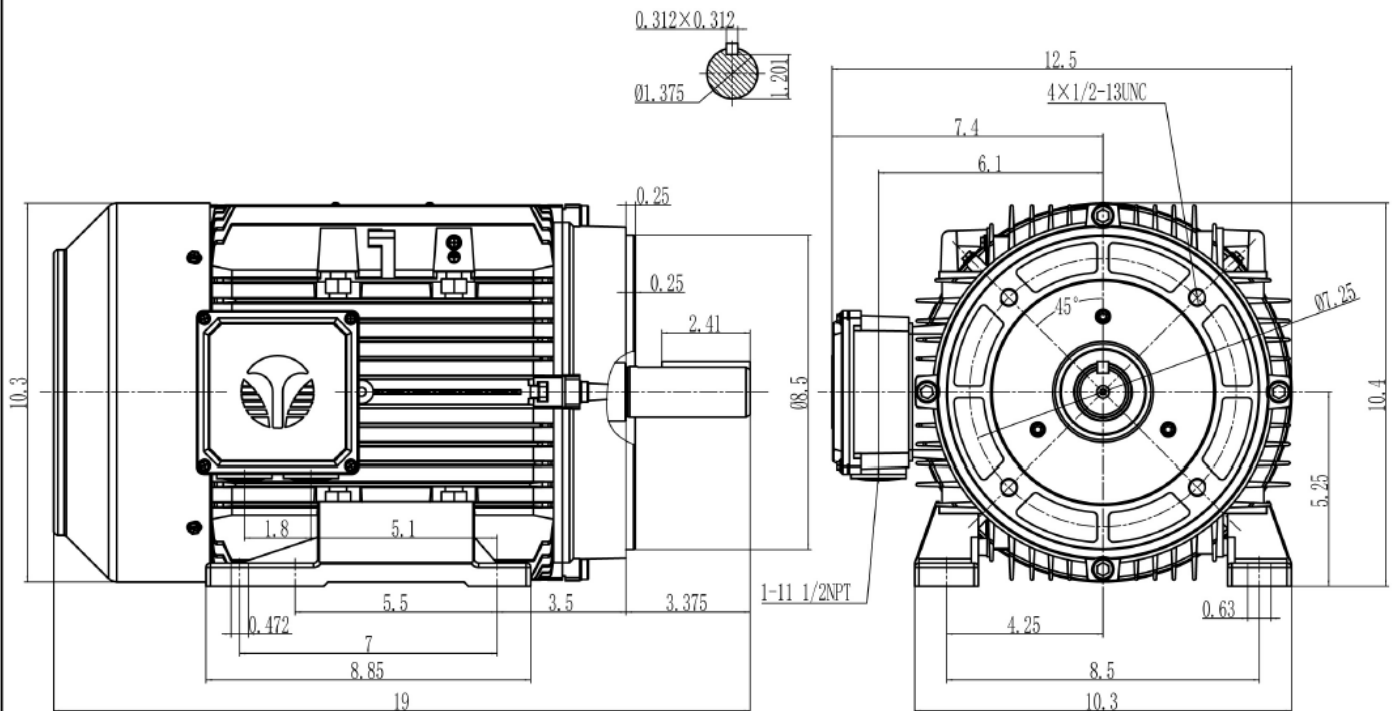
| CT VFD Range | -- | Loaded Torque Curves                                                                     |  |
|--------------|----|------------------------------------------------------------------------------------------|--|
|              |    | P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), 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



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



MODEL: NEMA210TC  
REV.DISC:

SCALE: 1:2.5

DATE:

UNITS:

VERSION:

REVISED:

BY:

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