

60HZ TECHNICAL DATA SHEET

CATALOG No: **BC6N003V4C**

ISSUED: 14-Mar-24

GENERAL INFORMATION

| HP | KW | Pole | RPM | Frame | Voltage | Hz | Phase | IP Rating |
|----|------|------|------|-------|-----------|----|-------|-----------|
| 3 | 2.20 | 6 | 1200 | 213TC | 230/460 V | 60 | 3 | IP55 |

| Enclosure | Ins. Class | Service Factor | Time Rating | NEMA Design | Rated Amb. | Rated Altitude |
|-----------|------------|----------------|-------------|-------------|--------------|----------------|
| TEFC | F | 1.25 | Continuous | B | -15 to 40 C° | <3300 ft |

TYPICAL PERFORMANCE

| Efficiency (%) | | | Power Factor (%) | | |
|----------------|----------|----------|------------------|----------|----------|
| Full Load | 3/4 Load | 1/2 Load | Full Load | 3/4 Load | 1/2 Load |
| 89.5 | 89.2 | 89.2 | 0.71 | 0.63 | 0.50 |

| LRT% | BDT % | Full Load Amps | Locked Rotor Amps | Full Load RPM |
|------|-------|----------------|-------------------|---------------|
| | | 460 V | 460 V | |
| 160 | 300 | 4.36 | 26.73 | 1180 |

| NEMA KVA Code | Bearing Size | | Oil Seal | | Sound Level |
|---------------|--------------|---------------|-----------|---------------|-------------|
| | Drive End | Non-Drive End | Drive End | Non-Drive End | dB(A) |
| H | 6208ZZ | 6208ZZ | - | - | - |

*Weights shown are estimated and based on standard foot mounted motor designs

VFD DUTY INFORMATION

| | Variable Torque | Constant Torque | Rating |
|---|-----------------|-----------------|---|
| - | 6 - 60 Hz | 12 - 60 Hz | CSA Approved Class I; Div 2; Groups A, B, C, & D, T3 With VFD |
| - | - | - | |

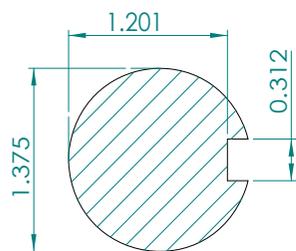
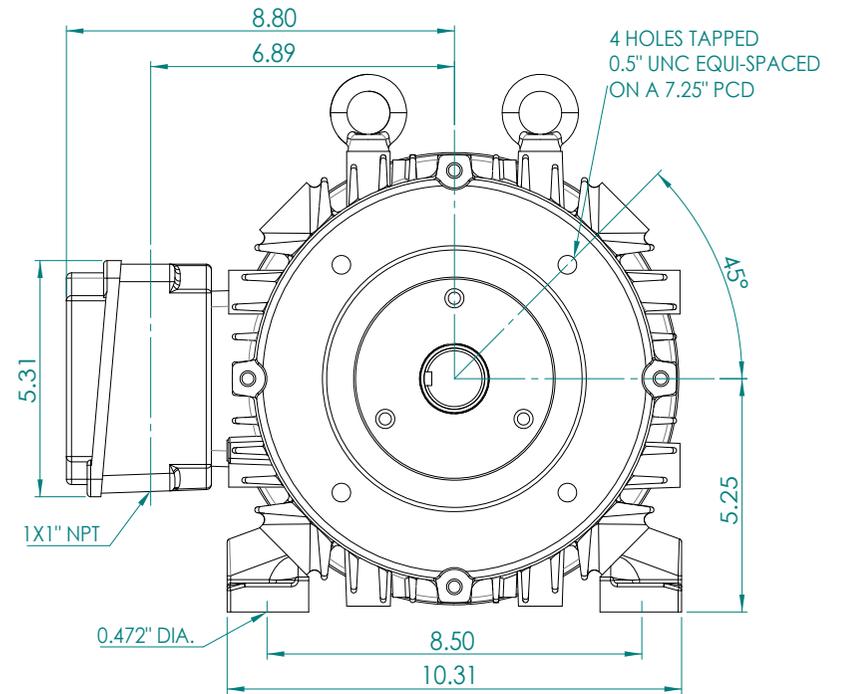
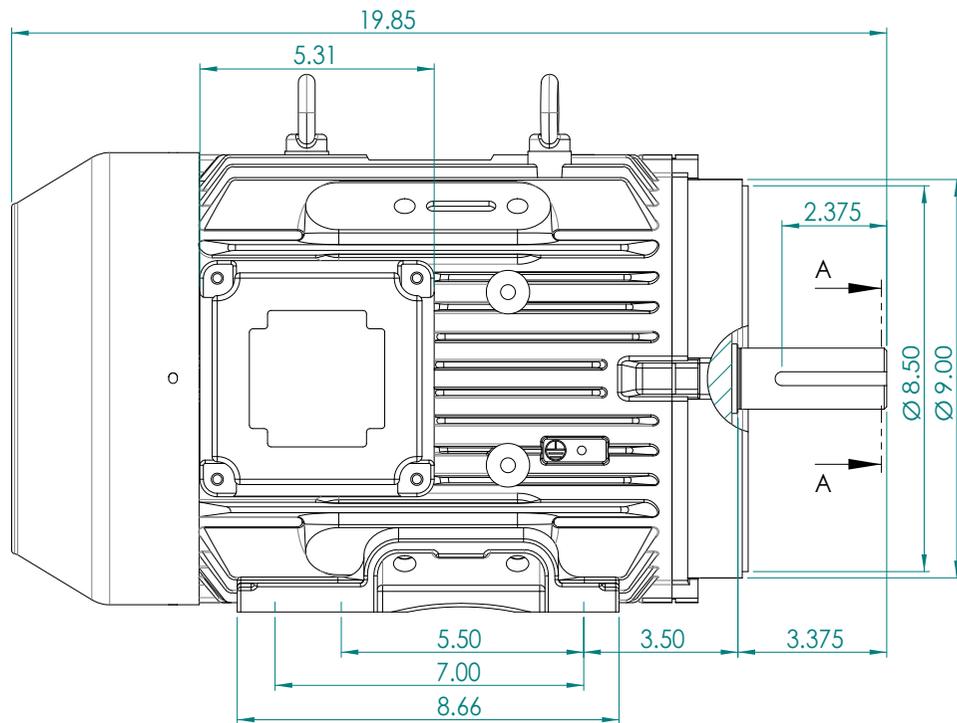
Click Link Below For Drawing

[Drawing Not Available](#)

Click Link Below For Connection Diagram

<http://www.brookcrompton.com/Connections/Connection%20Diagram%209%20Lead%202X4%20NEMA.pdf>

Notes:



SECTION A-A
SCALE 1:1

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WPN-DF213/5TC-V

A3

SHEET

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