

PRODUCT INFORMATION PACKET



Model No: 131526.00

Catalog No: 131526.00

General Purpose Motor, 1.50 HP, 1 Ph, 60 Hz, 115/208-230 V, 1200 RPM, 184T Frame, TEFC



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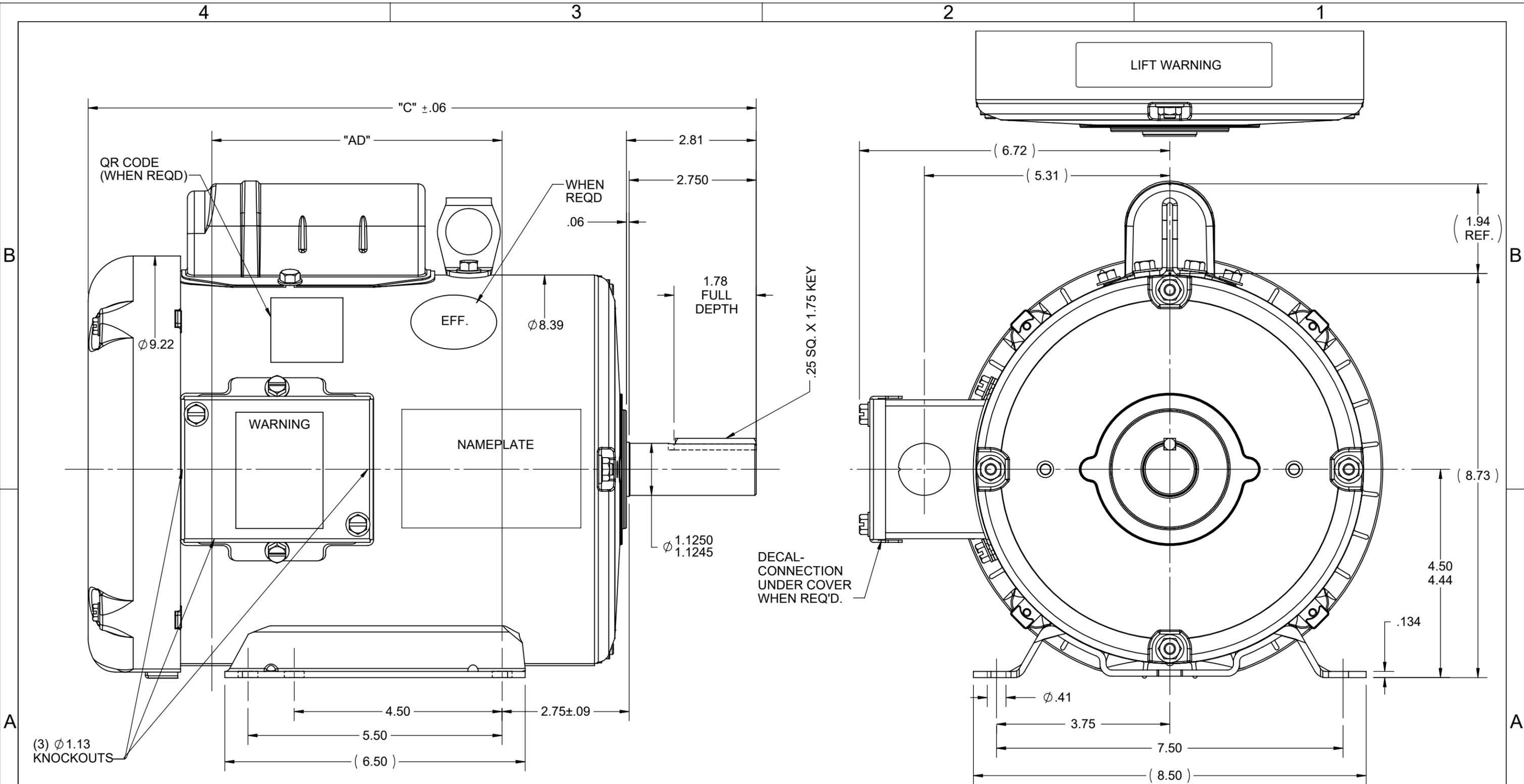


Nameplate Specifications

| | | | |
|------------------------|---------------|----------------------------|-----------------------------|
| Phase | 1 | Output HP | 1.50 Hp |
| Output KW | 1.1 kW | Voltage | 115/208-230 V |
| Speed | 1140 rpm | Service Factor | 1.00 |
| Frame | 184T | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Efficiency | 67 % |
| Ambient Temperature | 40 °C | Frequency | 60 Hz |
| Current | 22.0/11.0 A | Power Factor | 65 |
| Duty | Continuous | Insulation Class | F |
| Design Code | L | KVA Code | J |
| Drive End Bearing Size | 6206 | Opp Drive End Bearing Size | 6205 |
| UL | Recognized | CSA | Y |
| CE | N | IP Code | 43 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|-------------------------------|-----------------------|----------------------------|
| Electrical Type | Capacitor Start Induction Run | Starting Method | Across The Line |
| Poles | 6 | Rotation | Selective Counterclockwise |
| Resistance Main | .31 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | T | Overall Length | 15.46 in |
| Frame Length | 10.00 in | Shaft Diameter | 1.125 in |
| Shaft Extension | 2.75 in | Assembly/Box Mounting | F1 ONLY |
| Connection Drawing | EE7085FP | Outline Drawing | 035347-1000 |



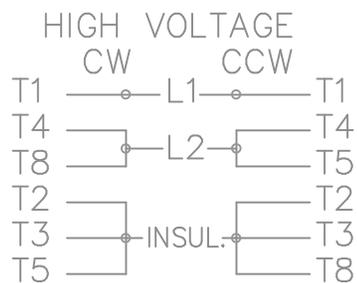
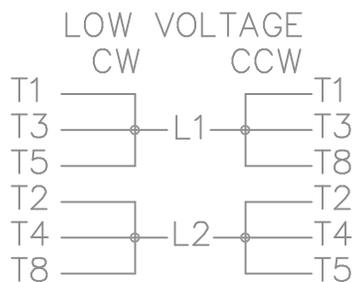
GASKETS THROUGHOUT

| DASH NO. | "C" | "AD" |
|----------|-------|------|
| 800 | 13.46 | 4.75 |
| 850 | 13.96 | 5.25 |
| 900 | 14.46 | 5.75 |
| 950 | 14.96 | 6.25 |
| 1000 | 15.46 | 6.75 |
| 1050 | 15.96 | 7.25 |
| 1100 | 16.46 | 7.75 |
| 1150 | 16.96 | 8.25 |

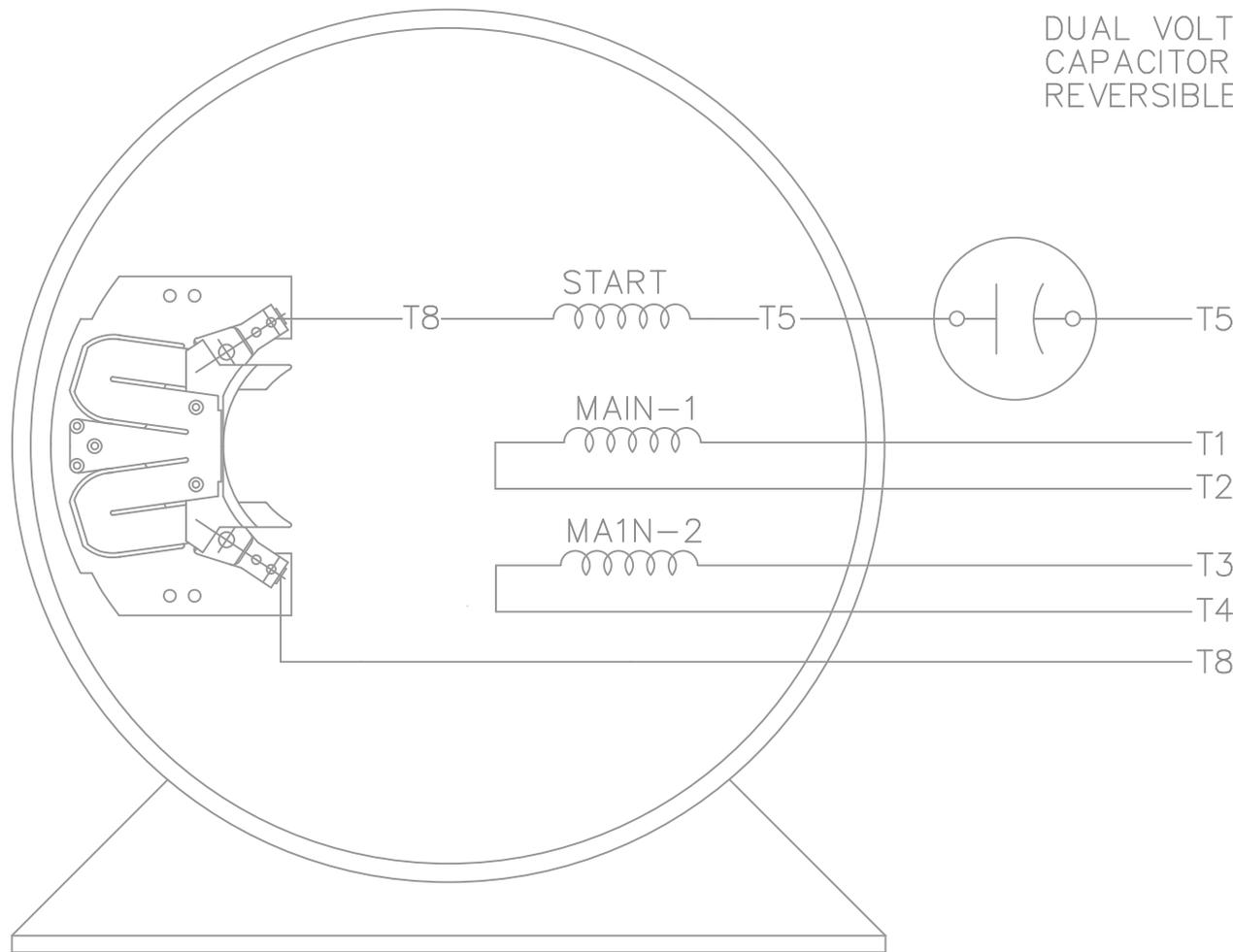
| | | |
|---|-------------------|-------------------------------|
| DRAWING REVISION E | REVISION BY NR | REV DATE/© DATE 12/07/2023 |
| REQUEST NUMBER CR-0016051 | APPROVED BY SS | DATE 12/07/2023 |
| REQUEST NUMBER DESCRIPTION DRAWING TEMPLATE UPDATED | | |
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| | | | |
|---|---------|----------|---------|
| TOLERANCES (EXCEPT AS NOTED): | | | |
| DEC. | INCH | mm | ANGLE |
| .X | ±0.1 | [±3] | ±7' 30" |
| .XX | ±0.03 | [±0.8] | |
| .XXX | ±0.005 | [±0.13] | |
| .XXXX | ±0.0005 | [±0.013] | |
| REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° | | | |
| CORNER FILLETS: R.02 [.5] | | | |
| MACHINED SURFACES: 200 INCH/mm 5.1 | | | |
| mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY | | | |

| | | |
|------------------------|--|--------------------------|
| DRAWN BY PG | Regal Beloit America, Inc. | |
| DATE 6/15/97 | | |
| APPROVED BY | DESCRIPTION OUTLINE TEFC - RIGID MOUNT | |
| DATE | MATERIAL | PROCESS/FINISH |
| REFERENCE | SIZE B | DRAWING NUMBER 035347 |
| THIRD ANGLE PROJECTION | SHEET 1 OF 1 | |



DUAL VOLTAGE
CAPACITOR START
REVERSIBLE



VIEW OF TERMINAL END

| | | | | | | |
|--|---------------------|----------------|--------------------------------|-------------------|-------------------------------------|----------------------|
| | | | TOLERANCES UNLESS SPECIFIED | | <p>MARATHON ELECTRIC</p> | DRAWN GK 09-24-1986 |
| | | | DEC. | INCHES | | CHK FG 09-24-1986 |
| | | | .X | ± - | | APPD ML 09-24-1986 |
| | | | .XX | ± - | | SCALE 1=1 |
| | | | .XXX | ± - | | REF |
| 2 | REDRAWN IN AUTOCAD | RWR 08-02-2004 | .XXX | ± - | TITLE CONNECTION DIAGRAM | FMF |
| 1 | NEW DRAWING CN7664C | GK 12-15-1996 | .XXXX | ± - | MAT'L. | PREV |
| NO. | REVISION | BY & DATE | CHK | ANG | FINISH | |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | RFP | CAD FILE EE7085FP | | SIZE A |
| | | | DIST LB | | | DRAWING NO. EE7085FP |
| | | | | | | PAGE 1 OF 1 |
| | | | | | | REV. 2 |



**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CERTIFICATION DATA SHEET

CATALOG #: 131526.00

CONN. DIAGRAM: 005062.01

OUTLINE: 035347-1000

MOUNTING: F1 ONLY

WINDING #: C862 3 A

TYPICAL MOTOR PERFORMANCE DATA

| HP | kW | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|-------|------|-----------|----------|-------|-----------|----------|--------|
| 1 1/2 | 1.12 | 1200 | 1140 | 184T | TEFC | J | L |

| PH | Hz | VOLTS | AMPS | START TYPE | DUTY | INSL | S.F. | AMB°C |
|----|----|-------------|-------|-----------------|------------|------|------|-------|
| 1 | 60 | 115/208-230 | 22/11 | ACROSS THE LINE | CONTINUOUS | F4 | 1.0 | 40 |

| FULL LOAD EFF: | 67 | 3/4 LOAD EFF: | 65.7 | 1/2 LOAD EFF: | 59.3 | GTD. EFF | | ELEC. TYPE | |
|----------------|----|---------------|------|---------------|------|----------|--|-------------------|--|
| FULL LOAD PF: | 65 | 3/4 LOAD PF: | 57.5 | 1/2 LOAD PF: | 46.5 | 62 | | CAP START IND RUN | |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE | B.D. TORQUE | F.L. RISE°C |
|-------------|-------------------|------------------|------------------|-------------|
| 6.75 LB-FT | 101.4 / 50.7 | 15.4 LB-FT 228 % | 14.5 LB-FT 215 % | 84.6 |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2 | SAFE STALL TIME | STARTS / HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|---------------|-------------|-----------------|---------------|-------------------|
| 0 dBA | 10 dBA | 0.408 LB-FT^2 | 0.4 LB-FT^2 | 0 SEC. | 0 | 75 LBS. |

***** SUPPLEMENTAL INFORMATION *****

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT |
|-----------------|------------------|------------|-------------|-------------|--------------------|------------|---------|------------------------|
| STANDARD | STANDARD | RIGID | HORIZONTAL | FALSE | NONE | FALSE | NONE | BLUE - LEESON (ENAMEL) |

| BEARINGS | | GREASE | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL | FRAME MATERIAL |
|----------|------|------------|------------|------------|-------------|-------------------|----------------|
| DE | ODE | | | | | | |
| BALL | BALL | POLYREX EM | T | NONE | NONE | AISI 1045 (C-240) | ROLLED STEEL |
| 6206 | 6205 | | | | | | |

| THERMO-PROTECTORS | | | | THERMISTORS | CONTROL | SPACE HEATERS |
|-------------------|------------|----------|----------|-------------|---------|---------------|
| THERMOSTATS | PROTECTORS | WDG RTDs | BRG RTDs | | | |
| NONE | NOT | NONE | NONE | NONE | FALSE | NONE VOLTS |

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T
E
S

| |
|----------------------------------|
| INVERTER TORQUE: NONE |
| INV. HP SPEED RANGE: NONE |
| ENCODER: NONE |
| NONE NONE |
| NONE NONE PPR |
| BRAKE: NONE NONE |
| NONE P/N NONE |
| NONE NONE |
| NONE FT-LB NONE V NONE Hz |

