



Customer information packet

EM2555T-CI

100HP, 1785RPM, 3PH, 60HZ, 404T, ODP, FOOT,
Class - None
Division - Not Applicable

Specifications

| | |
|-------------------------------|--|
| Enclosure | DP |
| Frame | 404T |
| Frame Material | Iron |
| Frequency | 60.00 Hz |
| Haz Area Class and Group | None |
| Haz Area Division | Not Applicable |
| Motor Letter Type | Three Phase |
| Output @ Frequency | 100.000 HP @ 60 HZ |
| Phase | 3 |
| Synchronous Speed @ Frequency | 1800 RPM @ 60 HZ |
| Voltage @ Frequency | 230.0 V @ 60 HZ 460.0 V @ 60 HZ |
| Agency Approvals | CCSA US CCSAUSEEV CSA EEV |
| Ambient Temperature | 40 °C |
| Auxillary Box | No Auxillary Box |
| Base Indicator | Rigid |
| Bearing Grease Type | Polyrex EM (-20F +300F) |
| Current @ Voltage | 115.000 A @ 460.0 V 230.000 A @ 230.0 V |
| Design Code | B |
| Drip Cover | No Drip Cover |
| Duty Rating | CONT |
| Efficiency @ 100% Load | 95.4 % |
| Feedback Device | NO FEEDBACK |
| Heater Indicator | No Heater |
| High Voltage Full Load Amps | 115.0 a |
| Insulation Class | F |
| Inverter Code | Inverter Ready |
| KVA Code | G |
| Lifting Lugs | Standard Lifting Lugs |

Part detail

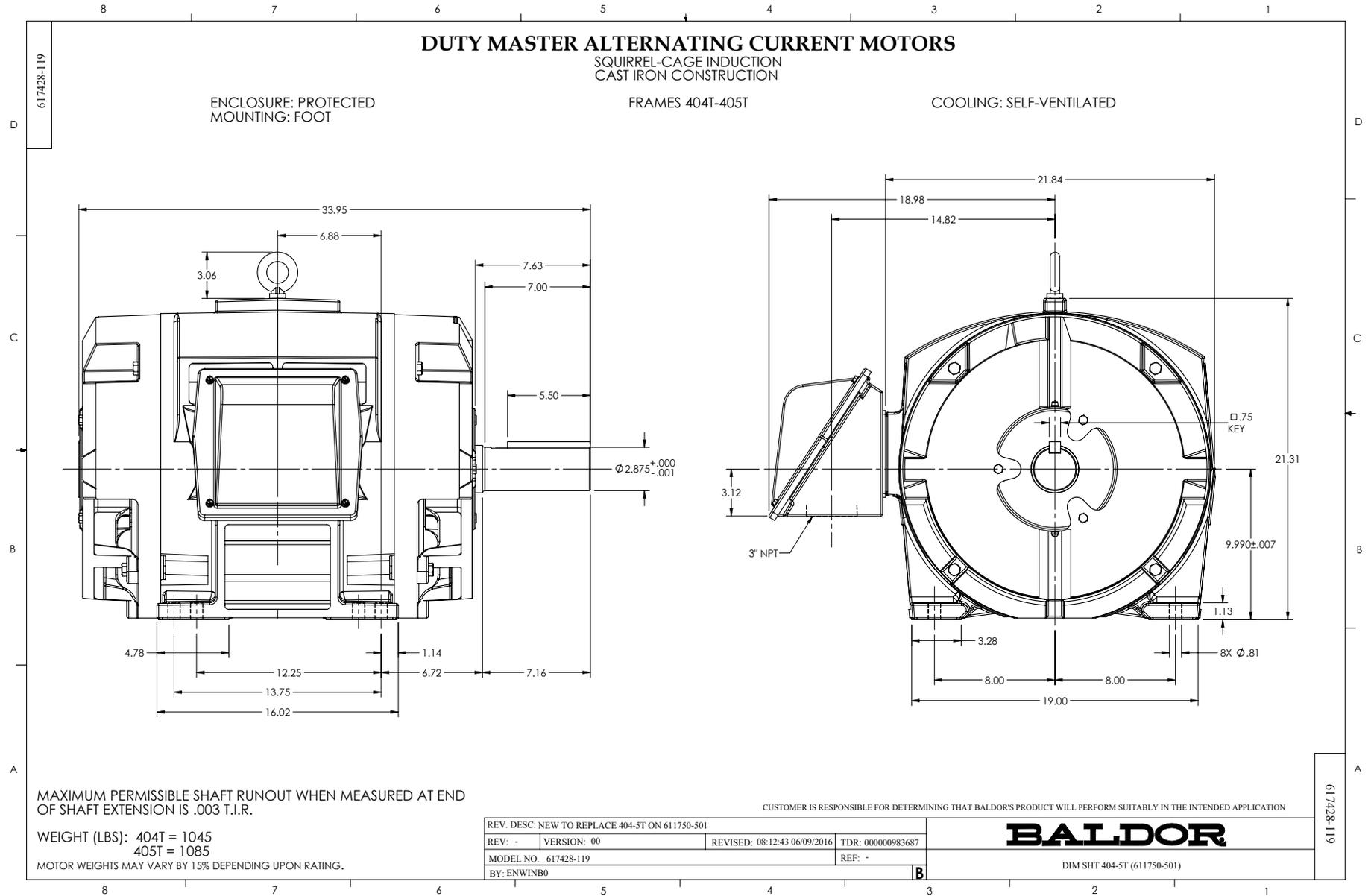
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|--------------|------------|
| Revision | Q |
| Type | AC |
| Mech. spec. | |
| Base | |
| Status | PRD/A |
| Elec. spec. | A40WG0707 |
| Layout | 617428-119 |
| Eff. date | 09-04-2024 |
| CD Diagram | 416820-002 |
| Poles | 04 |
| Leads | 3#2,6#4 |
| Proprietary | False |
| Created date | 02-03-2011 |

| | |
|--------------------------------------|--------------------|
| Motor Lead Quantity/Wire Size | 3 @ 2 AWG |
| Motor Standards | NEMA |
| Motor Type | A40052M |
| Mounting Arrangement | F1 |
| Number of Poles | 4 |
| Overall Length | 34.00 IN |
| Power Factor | 85 |
| Pulley End Bearing Type | Ball |
| Pulley Face Code | Standard |
| Service Factor | 1.15 |
| Shaft Diameter | 2.875 IN |
| Shaft Ground Indicator | No Shaft Grounding |
| Shaft Rotation | Reversible |
| Shaft Slinger Indicator | No Slinger |
| Speed | 1785 rpm |
| Speed Code | Single Speed |
| Starting Method | Direct on line |
| Thermal Device - Bearing | None |
| Thermal Device - Winding | None |

Nameplate

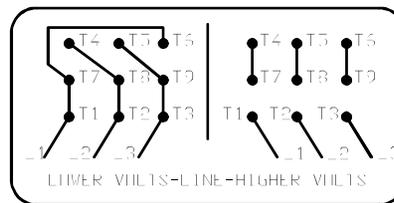
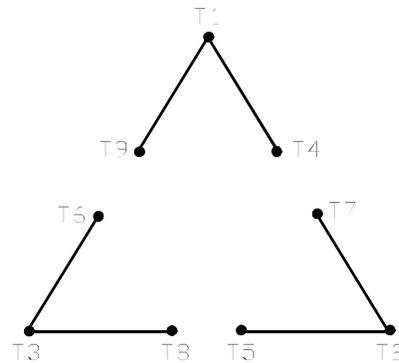
NP2349L

| | | | | | |
|--------------------------|------------|--------------------------------|------------|------------------------------|------|
| SPEC NO. | P40G297 | CAT.NO. | EM2555T-CI | FRAME | 404T |
| HP | 100 | VOLTS | 230/460 | PHASE | 3 |
| RPM | 1785 | AMPS | 230/115 | DESIGN | B |
| DRIVE END BEARING | 80BC03J30X | DUTY | CONT | TYPE | P |
| OPP D.E. BEARING | 80BC03J30X | INSUL.CLASS | F | HZ | 60 |
| SER.NO. | | ENCL | DP | AMB | 40 |
| | | CODE | G | SF | 1.15 |
| | | POWER FACTOR | 85 | INSUL.CLASS | F |
| | | NEMA-NOM-EFFICIENCY | 95.4 | | |
| | | MAX CORR KVAR | 20.0 | GUARANTEED EFFICIENCY | 95.0 |
| | | NEMA NOM/CSA QUOTED EFF | | | |
| | | MOTOR WEIGHT | | | |



416820-002

A-C MOTOR
 CONNECTION DIAGRAM
 STANDARD 9 LEAD DELTA-CONNECTED



(N.P. 1575-B)

416820-002

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|---|------------------------------|-------------------|
| REV. DESC: FONT CHANGE FOR PDF SEARCHABLE | | |
| REV. LTR: A | VERSION: 01 | TDR: 000001009382 |
| FILE: \MGA\00000\661 | REVISED: 02:46:19 02/13/2020 | BY: MGHMTT |
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CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED

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