## BALDOR • RELIANCE II

# **Customer information packet** CEM2333T

15HP, 1765RPM, 3PH, 60HZ, 254TC, 0944M, TEFC, F Class - None Division - Not Applicable

### Specifications

Frame         254TC           Frame Material         Iron           Frequency         60.00 Hz           Haz Area Class and Group         None           Maz Area Division         Not Applicable           Motor Letter Type         Three Phase           Output @ Frequency         15.000 HP @ 60 HZ           Phase         3           Synchronous Speed @ Frequency         1800 RPM @ 60 HZ           Voltage @ Frequency         230.0 V @ 60 HZ           Agency Approvals         CSA EEV           NEMA PREMIUM NEMA_PREMIUM NEMA_PREMIU	Enclosure	TEFC
Frequency         60.00 Hz           Haz Area Class and Group         None           Haz Area Division         Not Applicable           Motor Letter Type         Three Phase           Output @ Frequency         15.000 HP @ 60 HZ           Phase         3           Synchronous Speed @ Frequency         1800 RPM @ 60 HZ           Voltage @ Frequency         230.0 V @ 60 HZ           Agency Approvals         CSA EEV           NEMA PREMIUM NEMA_PREMIUM NEMA_P	Frame	254TC
Haz Area Class and Group None Haz Area Division Not Applicable Motor Letter Type Three Phase Output @ Frequency 15.000 HP @ 60 HZ Phase 3 Synchronous Speed @ Frequency 1800 RPM @ 60 HZ Voltage @ Frequency 230.0 V @ 60 HZ Agency Approvals CSA EEV NEMA_PREMIUM NEMA_PREMIUM NEMA_PREMIUM NEMA_PREMIUM NEMA_PREMIUM NEMA_PREMIUM NEMA_PREMIUM NEMA_PREMIUM NEMA_PREMIUM OUR Auxillary Box No Auxillary Box Auxillary Box No Auxillary Box Auxillary Box No Auxillary Box Current @ Yolyrex EM (-20F +300F) Blower None Current @ Voltage 38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V Design Code A Drip Cover No Drip Cover Duty Rating CONT Efficiency @ 100% Load 92.4 % Electrically Isolated Bearing Not Electrically Isolated Feedback Device NO FEEDBACK	Frame Material	Iron
Haz Area Division Not Applicable  Motor Letter Type Three Phase  Output @ Frequency 15.000 HP @ 60 HZ Phase 3  Synchronous Speed @ Frequency 1800 RPM @ 60 HZ Voltage @ Frequency 230.0 V @ 60 HZ  Agency Approvals CSA EEV  Agency Approvals CSA EEV  Ambient Temperature 40 °C  Auxillary Box No Auxillary Box  Auxillary Box No Auxillary Box  Auxillary Box Lead Termination None Base Indicator Rigid Bearing Grease Type Polyrex EM (-20F +300F) Blower None  Current @ Voltage 38.000 A @ 230.0 V 18.100 A @ 36.200 A @ 230.0 V 18.100 A @ 460.0 V  Design Code A  Drip Cover No Drip Cover  Duty Rating CONT  Efficiency @ 100% Load 92.4 % Electrically Isolated Bearing NO TEEDBACK	Frequency	60.00 Hz
Motor Letter TypeThree PhaseOutput @ Frequency15.000 HP @ 60 HZPhase3Synchronous Speed @ Frequency1800 RPM @ 60 HZVoltage @ Frequency230.0 V @ 60 HZAgency ApprovalsCSA EEV NEMA PREMIUM NEMA_PREMI	Haz Area Class and Group	None
Output @ Frequency         15.000 HP @ 60 HZ           Phase         3           Synchronous Speed @ Frequency         1800 RPM @ 60 HZ           Voltage @ Frequency         230.0 V @ 60 HZ           460.0 V @ 60 HZ         460.0 V @ 60 HZ           Agency Approvals         CSA EEV NEMA PREMIUM NEMA_PREMIUM NEMA_PRE	Haz Area Division	Not Applicable
Phase       3         Synchronous Speed @ Frequency       1800 RPM @ 60 HZ         Voltage @ Frequency       230.0 V @ 60 HZ         Agency Approvals       CSA EEV         NEMA PREMIUM NEMA_PREMIUM	Motor Letter Type	Three Phase
Synchronous Speed @ Frequency  Voltage @ Frequency  230.0 V @ 60 HZ 460.0 V @ 60 HZ 460.0 V @ 60 HZ Agency Approvals  CSA EEV NEMA PREMIUM NEMA_PREMIUM NEMA_PREMIUM NEMA_PREMIUM OR Auxillary Box No Auxillary Box No Auxillary Box Auxillary Box Lead Termination None Base Indicator Rigid Bearing Grease Type Polyrex EM (-20F +300F) Blower None Current @ Voltage 38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V Design Code Aprip Cover Duty Rating CONT Efficiency @ 100% Load Feedback Device No FEEDBACK	Output @ Frequency	15.000 HP @ 60 HZ
Voltage @ Frequency 230.0 V @ 60 HZ 460.0 V @ 60 HZ Agency Approvals CSA EEV NEMA PREMIUM NEMA_PREMIUM NO Ease Indicator Rigid Rearing Grease Type Polyrex EM (-20F +300F) Rigid Rearing Grease Type Polyrex EM (-20F +300F) None Current @ Voltage 38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V Reign Code A Drip Cover No Drip Cover Duty Rating CONT Efficiency @ 100% Load P2.4 % Electrically Isolated Bearing Not Electrically Isolated Feedback Device	Phase	3
Agency Approvals         CSA EEV NEMA PREMIUM NEMA PREMIUM NEMA_PREMIUM NO NEMA NEMA_PREMIUM NEMA_PREMI	Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Agency Approvals  CSA EEV NEMA PREMIUM NEMA_PREMIUM NEMA_PREMIUM OUR  Ambient Temperature  Auxillary Box  Auxillary Box  Auxillary Box Lead Termination  Base Indicator  Bearing Grease Type  Polyrex EM (-20F +300F) Blower  None  Current @ Voltage  38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V  Design Code  A Drip Cover  Duty Rating  CONT  Efficiency @ 100% Load  Possible Control Section Sectio	Voltage @ Frequency	230.0 V @ 60 HZ
NEMA PREMIUM NEMA_PREMIUM NEMA_PREMIUM NEMA_PREMIUM UR  Ambient Temperature 40 °C  Auxillary Box No Auxillary Box  Auxillary Box Lead Termination None Base Indicator Rigid Bearing Grease Type Polyrex EM (-20F +300F)  Blower None  Current @ Voltage 38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V  Design Code A  Drip Cover No Drip Cover  Duty Rating CONT  Efficiency @ 100% Load 92.4 %  Electrically Isolated Bearing Not Electrically Isolated Feedback Device No FEEDBACK		460.0 V @ 60 HZ
Ambient Temperature 40 °C Auxillary Box No Auxillary Box Auxillary Box Lead Termination None Base Indicator Rigid Bearing Grease Type Polyrex EM (-20F +300F) Blower None Current @ Voltage 38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V Design Code A Drip Cover No Drip Cover Duty Rating CONT Efficiency @ 100% Load 92.4 % Electrically Isolated Bearing No FEEDBACK	Agency Approvals	CSA EEV
URAmbient Temperature40 °CAuxillary BoxNo Auxillary BoxAuxillary Box Lead TerminationNoneBase IndicatorRigidBearing Grease TypePolyrex EM (-20F +300F)BlowerNoneCurrent @ Voltage38.000 A @ 208.0 VCurrent @ Voltage38.000 A @ 230.0 VDesign CodeADrip CoverNo Drip CoverDuty RatingCONTEfficiency @ 100% Load92.4 %Electrically Isolated BearingNot Electrically IsolatedFeedback DeviceNO FEEDBACK		NEMA PREMIUM
Ambient Temperature40 °CAuxillary BoxNo Auxillary BoxAuxillary Box Lead TerminationNoneBase IndicatorRigidBearing Grease TypePolyrex EM (-20F +300F)BlowerNoneCurrent @ Voltage38.000 A @ 208.0 V36.200 A @ 230.0 V36.200 A @ 230.0 V18.100 A @ 460.0 VDesign CodeADrip CoverNo Drip CoverDuty RatingCONTEfficiency @ 100% Load92.4 %Electrically Isolated BearingNot Electrically IsolatedFeedback DeviceNO FEEDBACK		NEMA_PREMIUM
Auxillary Box Auxillary Box Lead Termination  Base Indicator Bearing Grease Type Polyrex EM (-20F +300F) Blower None Current @ Voltage 38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V  Design Code A Drip Cover No Drip Cover Duty Rating CONT Efficiency @ 100% Load P2.4 % Electrically Isolated Bearing No FEEDBACK		UR
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Base Indicator Rigid Bearing Grease Type Polyrex EM (-20F +300F) Blower None Current @ Voltage 38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V  Design Code A Drip Cover No Drip Cover Duty Rating CONT Efficiency @ 100% Load 92.4 % Electrically Isolated Bearing Not Electrically Isolated Feedback Device NO FEEDBACK	Auxillary Box	No Auxillary Box
Bearing Grease Type  Blower  Current @ Voltage  38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V  Design Code  A  Drip Cover  Duty Rating  CONT  Efficiency @ 100% Load  Electrically Isolated Bearing  Not Electrically Isolated Feedback Device  Polyrex EM (-20F +300F) None  None  18.100 A @ 208.0 V 18.100 A @ 230.0 V 18.100 A @ 460.0 V	Auxillary Box Lead Termination	None
Blower Current @ Voltage 38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V  Design Code A Drip Cover Duty Rating CONT Efficiency @ 100% Load 92.4 % Electrically Isolated Bearing Not Electrically Isolated Feedback Device NO FEEDBACK	Base Indicator	Rigid
Current @ Voltage  38.000 A @ 208.0 V 36.200 A @ 230.0 V 18.100 A @ 460.0 V  Design Code  A Drip Cover  Duty Rating  CONT Efficiency @ 100% Load  Peedback Device  No FEEDBACK	Bearing Grease Type	Polyrex EM (-20F +300F)
36.200 A @ 230.0 V 18.100 A @ 460.0 V  Design Code  A Drip Cover  Duty Rating  CONT  Efficiency @ 100% Load  Electrically Isolated Bearing  Not Electrically Isolated Feedback Device  NO FEEDBACK	Blower	None
Design Code  A Drip Cover Duty Rating CONT Efficiency @ 100% Load Electrically Isolated Bearing Not Electrically Isolated Feedback Device NO FEEDBACK	Current @ Voltage	38.000 A @ 208.0 V
Design Code  Drip Cover  No Drip Cover  Duty Rating  CONT  Efficiency @ 100% Load  92.4 %  Electrically Isolated Bearing  Not Electrically Isolated  Feedback Device  NO FEEDBACK		36.200 A @ 230.0 V
Drip CoverNo Drip CoverDuty RatingCONTEfficiency @ 100% Load92.4 %Electrically Isolated BearingNot Electrically IsolatedFeedback DeviceNO FEEDBACK		18.100 A @ 460.0 V
Duty Rating CONT  Efficiency @ 100% Load 92.4 %  Electrically Isolated Bearing Not Electrically Isolated  Feedback Device NO FEEDBACK	Design Code	A
Efficiency @ 100% Load 92.4 % Electrically Isolated Bearing Not Electrically Isolated Feedback Device NO FEEDBACK	Drip Cover	No Drip Cover
Electrically Isolated Bearing       Not Electrically Isolated         Feedback Device       NO FEEDBACK	Duty Rating	CONT
Feedback Device NO FEEDBACK	Efficiency @ 100% Load	92.4 %
	Electrically Isolated Bearing	Not Electrically Isolated
Front Shaft Indicator None	Feedback Device	NO FEEDBACK
	Front Shaft Indicator	None

#### Part detail

Revision	F
Туре	AC
Mech. spec.	09C102
Base	
Status	PRD/A
Elec. spec.	09WGT597
Layout	09LYC102
Eff. date	03-19-2024
CD Diagram	CD0005
Poles	04
Leads	9#12
Proprietary	False
Created date	11-11-2020

Insulation Class         F           Inverter Code         Inverter Ready           KVA Code         H           Lifting Lugs         Standard Lifting Lugs           Locked Bearing Indicator         Locked Bearing           Motor Lead Quantity/Wire Size         9 @ 12 AWC           Motor Lead Termination         Flying Leads           Motor Standards         NEMA           Motor Type         0944M           Mounting Arrangement         F1           Number of Poles         4           Overall Length         23.86 liN           Power Factor         84           Product Family         General Purpose           Pulley End Bearing Type         Bal           Pulley Face Code         C-Face           Pulley Face Code         C-Face           Pulley Shaft Indicator         Standard           Robit Status         ROHS COMPLIANT           Service Factor         1.15           Shaft Ground Indicator         No Shaft Grounding           Shaft Slinger Indicator         Shaft Slinger           Shaft Slinger Indicator         Shaft Slinger           Speed         3 ingle Speec           Starting Method         Direct on line           Thermal De	Heater Indicator	No Heater
Inverter Code         Inverter Ready           KVA Code         H           Lifting Lugs         Standard Lifting Lugs           Locked Bearing         Motor Lead Quantity/Wire Size         9 @ 12 AWG           Motor Lead Termination         Flying Leads           Motor Standards         NEMM           Motor Type         0944M           Mounting Arrangement         Fl           Number of Poles         4           Overall Length         23.86 IN           Power Factor         8al           Product Family         General Purpose           Pulley Fade Bearing Type         Bal           Pulley Face Code         C-Face           Pulley Face Code         C-Face           Pulley Shaft Indicator         Standard           Roofent Screen         None           Roft Status         ROHS COMPLIANT           Service Factor         1.62 IN           Shaft Diameter         1.62 IN           Shaft Ground Indicator         No Shaft Ground Ing           Shaft Slinger Indicator         Shaft Slinger           Speed         3 Shaft Slinger           Speed         3 Shaft Slinger           Speed         3 Shaft Slinger         3 Shaft Slinger	High Voltage Full Load Amps	18.1 a
KVA Code Lifting Lugs Standard Lifting Lugs Locked Bearing Indicator Motor Lead Quantity/Wire Size Motor Lead Termination Motor Standards Motor Standards Motor Type Mounting Arrangement Number of Poles Overall Length Power Factor Product Family General Purpose Pulley End Bearing Type Bal Pulley Face Code C-Face Pulley Shaft Indicator Rodent Screen Rodent Screen Rohs Status ROHS COMPLIANT Service Factor Shaft Ground Indicator Shaft Ground Indicator Shaft Ground Indicator Shaft Rotation Shaft Rotation Speed Starting Method Thermal Device - Bearing None Thermal Device - Bearing None None None None None None None None	Insulation Class	F
Lifting Lugs Standard Lifting Lugs Locked Bearing Indicator Locked Bearing Motor Lead Quantity/Wire Size 9 @ 12 AWG Motor Lead Termination Flying Leads Motor Standards NEMA Motor Type 0944M Mounting Arrangement Flying Leads Moure of Poles 944M Overall Length 23.86 IN Power Factor 84 Product Family General Purpose Pulley End Bearing Type Bal Pulley Face Code C-Face Pulley Shaft Indicator Standard RoHS Status ROHS COMPLIANT Service Factor 1.15 Shaft Diameter 1.625 IN Shaft Ground Indicator No Shaft Grounding Shaft Rotation Reversible Shaft Slinger Indicator Standard Speed 1765 pper Speed Code Single Speed Starting Method Direct on line Thermal Device - Bearing No no Vibration Sensor Indicator No Vibration Sensor Winding Thermal 1	Inverter Code	Inverter Ready
Locked Bearing IndicatorLocked BearingMotor Lead Quantity/Wire Size9 @ 12 AWGMotor Lead TerminationFlying LeadsMotor StandardsNEMAMotor Type0944MMounting ArrangementFlNumber of Poles4Overall Length23.86 INPower Factor84Product FamilyGeneral PurposePulley End Bearing TypeBalPulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneRoHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed3765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneWidration Sensor IndicatorNo Vibration SensorWinding Thermal 1No Vibration Sensor	KVA Code	Н
Motor Lead Quantity/Wire Size9 @ 12 AWGMotor Lead TerminationFlying LeadsMotor StandardsNEMAMotor Type0944MMounting ArrangementF1Number of Poles4Overall Length23.86 INPower Factor84Product FamilyGeneral PurposePulley End Bearing TypeBalPulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneROHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed3765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneWidration Sensor IndicatorNo Vibration SensorWinding Thermal 1No vibration Sensor	Lifting Lugs	Standard Lifting Lugs
Motor Lead TerminationFlying LeadsMotor StandardsNEMAMotor Type0944MMounting ArrangementF1Number of Poles4Overall Length23.86 INPower Factor84Product FamilyGeneral PurposePulley End Bearing TypeBalPulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneROHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Locked Bearing Indicator	Locked Bearing
Motor StandardsNEMAMotor Type0944MMounting ArrangementF1Number of Poles4Overall Length23.86 INPower Factor84Product FamilyGeneral PurposePulley End Bearing TypeBalPulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneROHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Motor Lead Quantity/Wire Size	9 @ 12 AWG
Motor Type         0944M           Mounting Arrangement         FI           Number of Poles         4           Overall Length         23.86 IN           Power Factor         84           Product Family         General Purpose           Pulley End Bearing Type         Bal           Pulley Face Code         C-Face           Pulley Shaft Indicator         Standard           Rodent Screen         None           RoHS Status         ROHS COMPLIANT           Service Factor         1.15           Shaft Diameter         1.625 IN           Shaft Ground Indicator         No Shaft Grounding           Shaft Slinger Indicator         Shaft Slinger           Speed         35 Ingle Speed           Starting Method         Direct on line           Thermal Device - Bearing         None           Thermal Device - Winding         None           Vibration Sensor Indicator         No Vibration Sensor           Winding Thermal 1         No vibration Sensor	Motor Lead Termination	Flying Leads
Mounting Arrangement Number of Poles Overall Length Power Factor Product Family General Purpose Pulley End Bearing Type Bal Pulley Face Code C-Face Pulley Shaft Indicator Rodent Screen None RoHS Status ROHS COMPLIANT Service Factor 1.15 Shaft Diameter Shaft Ground Indicator No Shaft Grounding Shaft Rotation Reversible Shaft Slinger Indicator Speed Starting Method Direct on line Thermal Device - Bearing None Vibration Sensor Indicator No Vibration Sensor Winding Thermal 1 None	Motor Standards	NEMA
Number of Poles4Overall Length23.86 INPower Factor84Product FamilyGeneral PurposePulley End Bearing TypeBalPulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneROHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Motor Type	0944M
Overall Length23.86 INPower Factor84Product FamilyGeneral PurposePulley End Bearing TypeBalPulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneRoHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Mounting Arrangement	F1
Power Factor84Product FamilyGeneral PurposePulley End Bearing TypeBalPulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneROHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Number of Poles	4
Product FamilyGeneral PurposePulley End Bearing TypeBalPulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneROHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1No Vibration Sensor	Overall Length	23.86 IN
Pulley End Bearing TypeBalPulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneRoHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1No vibration Sensor	Power Factor	84
Pulley Face CodeC-FacePulley Shaft IndicatorStandardRodent ScreenNoneRoHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Product Family	General Purpose
Pulley Shaft IndicatorStandardRodent ScreenNoneRoHS StatusROHS COMPLIANTService Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Pulley End Bearing Type	Ball
Rodent Screen None RoHS Status ROHS COMPLIANT Service Factor 1.15 Shaft Diameter 1.625 IN Shaft Ground Indicator No Shaft Grounding Shaft Rotation Reversible Shaft Slinger Indicator Shaft Slinger Speed 1765 rpm Speed Code Single Speed Starting Method Direct on line Thermal Device - Bearing None Thermal Device - Winding Vibration Sensor Indicator No Vibration Sensor Winding Thermal 1	Pulley Face Code	C-Face
RoHS Status Service Factor 1.15 Shaft Diameter 1.625 IN Shaft Ground Indicator No Shaft Grounding Shaft Rotation Reversible Shaft Slinger Indicator Shaft Slinger Indicator Speed 1765 rpm Speed Code Single Speed Starting Method Direct on line Thermal Device - Bearing None Thermal Device - Winding Vibration Sensor Indicator No Vibration Sensor Winding Thermal 1	Pulley Shaft Indicator	Standard
Service Factor1.15Shaft Diameter1.625 INShaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Rodent Screen	None
Shaft Diameter  Shaft Ground Indicator  No Shaft Grounding Shaft Rotation  Reversible Shaft Slinger Indicator  Shaft Slinger Indicator  Speed  Speed  Speed Code  Single Speed Starting Method  Direct on line Thermal Device - Bearing  Thermal Device - Winding  Vibration Sensor Indicator  Winding Thermal 1  None	RoHS Status	ROHS COMPLIANT
Shaft Ground IndicatorNo Shaft GroundingShaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Service Factor	1.15
Shaft RotationReversibleShaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Shaft Diameter	1.625 IN
Shaft Slinger IndicatorShaft SlingerSpeed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Shaft Ground Indicator	No Shaft Grounding
Speed1765 rpmSpeed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Shaft Rotation	Reversible
Speed CodeSingle SpeedStarting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Shaft Slinger Indicator	Shaft Slinger
Starting MethodDirect on lineThermal Device - BearingNoneThermal Device - WindingNoneVibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Speed	1765 rpm
Thermal Device - Bearing None Thermal Device - Winding None Wibration Sensor Indicator No Vibration Sensor Winding Thermal 1 None	Speed Code	Single Speed
Thermal Device - Winding None Vibration Sensor Indicator No Vibration Sensor Winding Thermal 1 None	Starting Method	Direct on line
Vibration Sensor IndicatorNo Vibration SensorWinding Thermal 1None	Thermal Device - Bearing	None
Winding Thermal 1 None	Thermal Device - Winding	None
<del>_</del>	Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 2 None	Winding Thermal 1	None
	Winding Thermal 2	None

### Nameplate

		I	NP3441	LU	4						
CAT.NO.	CEM2	CEM2333T									
SPEC	09C10	)2T5	597G1								
НР	15										
VOLTS	230/4	160									
AMPS	36.2/1	18.1									
RPM	1765										
FRAME	254TC	254TC <b>HZ</b> 60 <b>PH</b> 3									
SF	1.15		CODE		Н	DES	Α	CLASS		F	
NEMA NOM. EFF	92.4		PF		84						
RATING	40C A	МВ-	CONT								
СС	010A	010A									
ENCL	TEFC	S	ER								
DE	6309			0	DE	6208					
VPWM INVERTER READY	SFA 41/20.4										
CT6-60H(10:1)VT3-60H(20:1											
	50HZ 15HP 190/380V 42.2/21.1A							S			

#### **AC Induction Motor Performance Data**

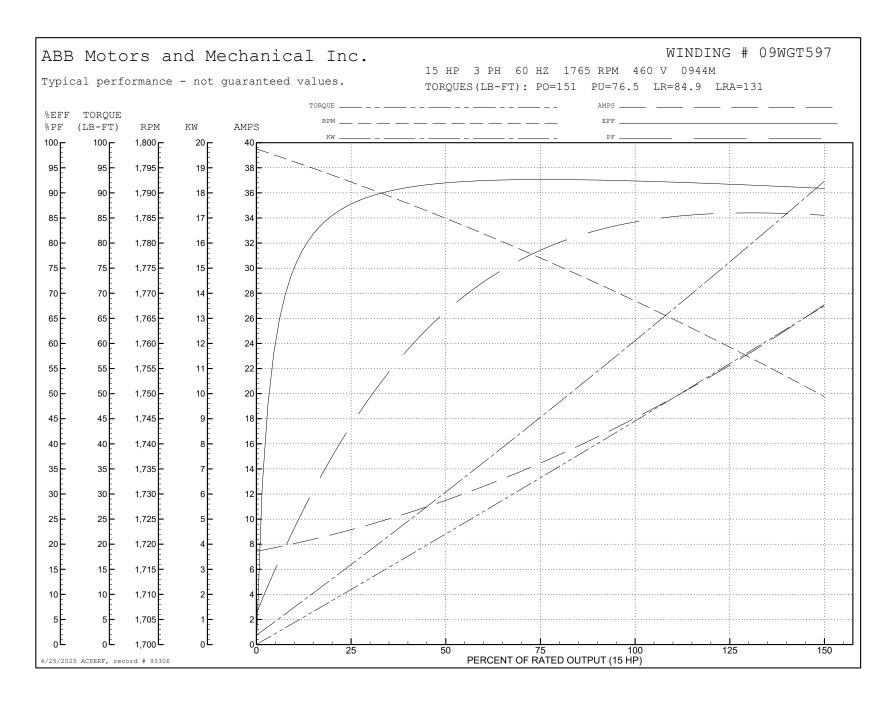
Record # 93306

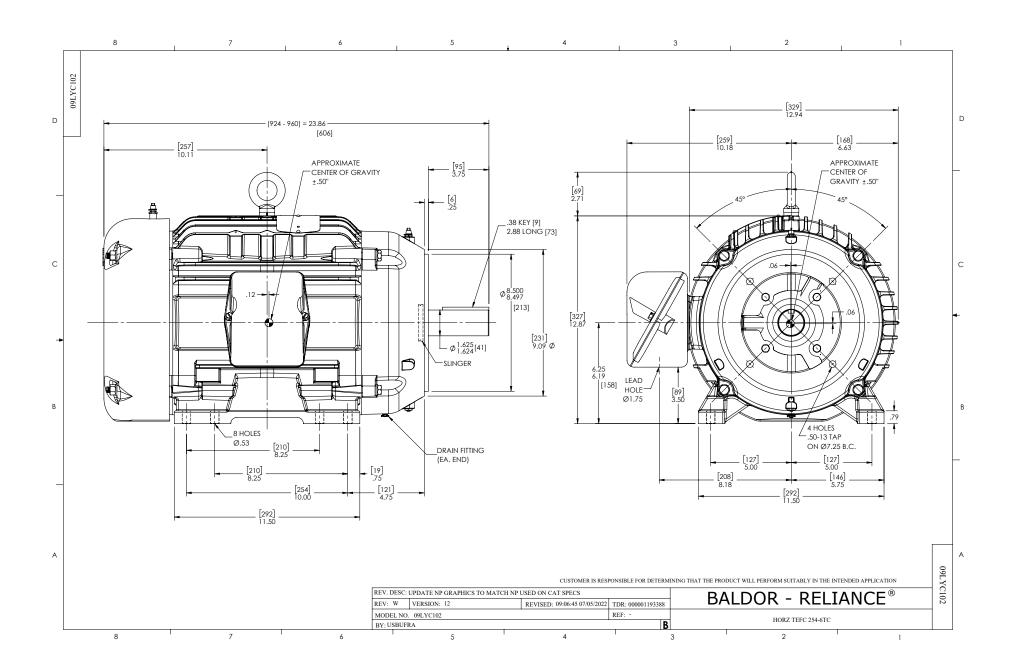
Typical performance - not guaranteed values

<b>Winding:</b> 09WGT597-R001 <b>Type:</b> 09			944M Enclosure: TEFC			
Nameplate Data			460 V, 60 Hz: High Voltage Connection			
Rated Output (HP)		15	Full Load Torque	44.59 LB-FT		
Volts		230/460	Start Configuration	direct on line		
Full Load Amps		36.2/18.1	Breakdown Torque	151 LB-FT		
R.P.M.		1765	Pull-up Torque	76.5 LB-FT		
Hz	60 Phase	3	Locked-rotor Torque	84.9 LB-FT		
NEMA Design Code	A KVA Code	Н	Starting Current	131 A		
Service Factor (S.F.)		1.15	No-load Current	7.72 A		
NEMA Nom. Eff.	92.4 Power Factor	84	Line-line Res. @ 25°C	0.61892 Ω		
Rating - Duty	40	OC AMB-CONT	Temp. Rise @ Rated Load	50°C		
S.F. Amps	F. Amps 41/20.4		Temp. Rise @ S.F. Load	61°C		
			Locked-rotor Power Factor	33.3		

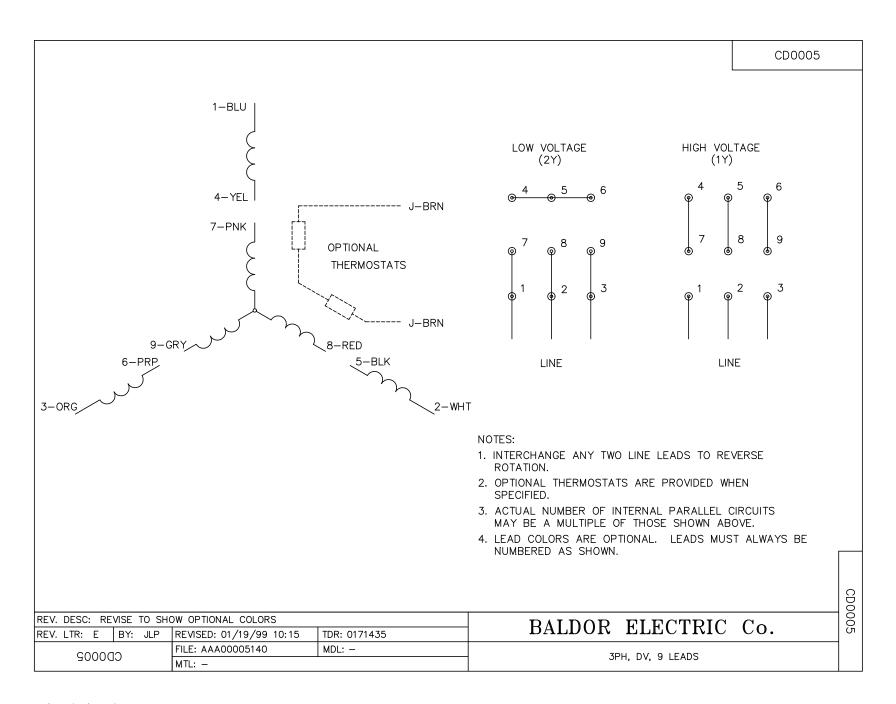
#### Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	46	68	78	83	85	86	84
Efficiency	87.5	91.8	92.6	92.4	91.8	90.8	92
Speed	1791.8	1784.7	1777	1768.8	1759.2	1749.3	1763
Line amperes	8.82	11.3	14.6	18.3	22.4	26.9	20.8





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