

BALDOR® • RELIANCE

Product Information Packet

CECP2333T

15HP,1765RPM,3PH,60HZ,254TC,0944M,TEFC,F

Part Detail							
Revision:	V	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	09WGZ910	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	09H180	Layout:	09LYH180	Poles:	04	Created Date:	11-09-2012
Base:	RG	Eff. Date:	07-06-2017	Leads:	9#12		

Specs			
Catalog Number:	CECP2333T	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	F
Frame:	254TC	Inverter Code:	Inverter Duty
Frame Material:	Iron	KVA Code:	H
Output @ Frequency:	15.000 HP @ 60 HZ	Lifting Lugs:	Standard Lifting Lugs
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Voltage @ Frequency:	460.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 12 AWG
	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
XP Class and Group:	None	Motor Lead Termination:	Flying Leads
XP Division:	Division II	Motor Type:	0944M
Agency Approvals:	UR	Mounting Arrangement:	F1
	CSA EEV	Power Factor:	83
	CSA	Product Family:	Super-E Chemical Processing
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	C-Face
Base Indicator:	Rigid	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None
Blower:	None	Shaft Extension Location:	Pulley End

Constant Torque Speed Range:	1.2	Shaft Ground Indicator:	No Shaft Grounding
Current @ Voltage:	18.100 A @ 460.0 V	Shaft Rotation:	Reversible
	36.200 A @ 230.0 V	Shaft Slinger Indicator:	Shaft Slinger
	38.000 A @ 208.0 V	Speed Code:	Single Speed
Design Code:	A	Motor Standards:	NEMA
Drip Cover:	No Drip Cover	Starting Method:	Direct on line
Duty Rating:	CONT	Thermal Device - Bearing:	None
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Winding:	None
Feedback Device:	NO FEEDBACK	Vibration Sensor Indicator:	No Vibration Sensor
Front Face Code:	Standard	Winding Thermal 1:	None
Front Shaft Indicator:	None	Winding Thermal 2:	None
		XP Temp Code:	T3C

Nameplate NP3241

CAT.NO.	CECP2333T		P/N			ENCLOSURE	TEFC		
SPEC.	09H180Z910	CC	010A	FRAME	254TC	S/N			
HP	15		CLASS	F	HZ	60	DES	A	
RPM	1765		RPM MAX	2700	PH	3	KVA-CODE	H	
VOLT	230/460		MOTOR WEIGHT	319					
AMP	36.2/18.1		SER.F.	1.15	PF	83	ODE BRG	6309	
RATING	40C AMB-CONT		NEMA-NOM-EFF	92.4	GREASE	POLYREX EM			
				INV.TYPE	PWM				
TEMP CODE	T3C	INVERTER-TEMP-CODE	180						
TEMP =	160	C HP FR	60	C HP TO	90				
CT HZ FROM	1.2	CT HZ TO	60						
HTR-VOLTS		HTR-AMPS		HTR-WATTS		MAX. SPACE HEATER TEMP.		VT HZ FROM	0
								VT HZ TO	60

AC Induction Motor Performance Data

Record # 47165 - Typical performance - not guaranteed values

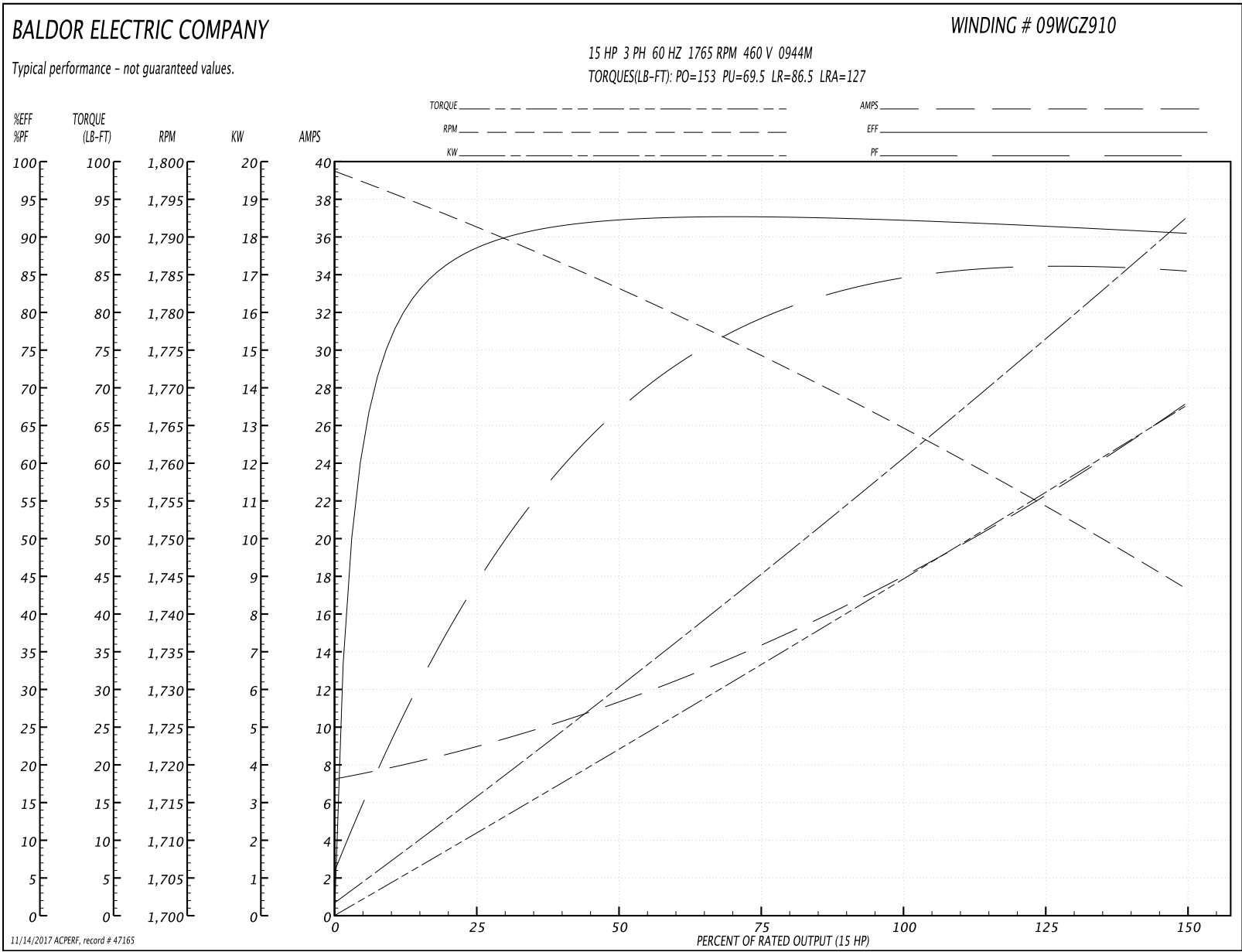
Winding: 09WGZ910-R038	Type: 0944M	Enclosure: TEFC
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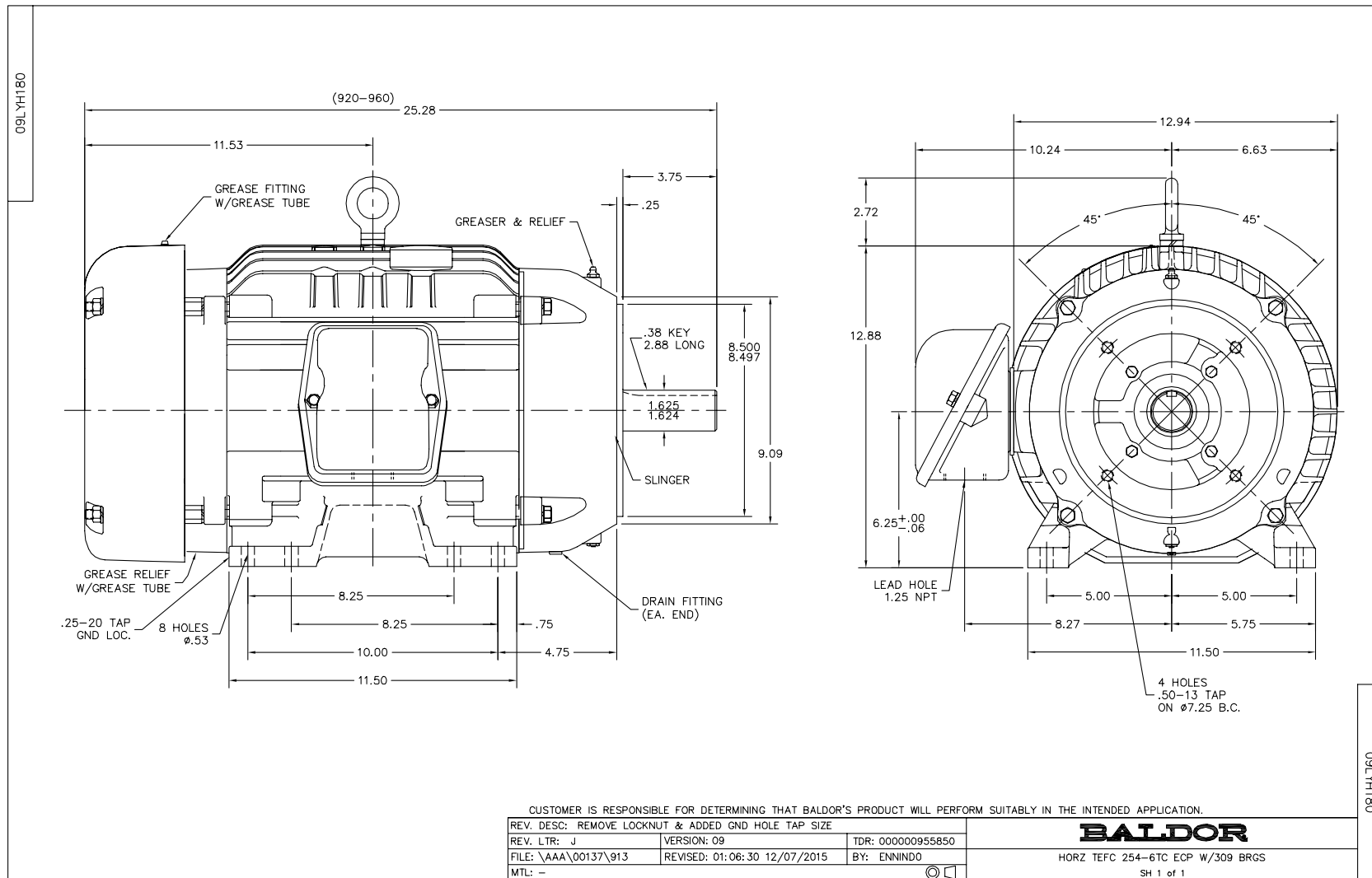
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	15			Full Load Torque	44.5 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	36.2/18.1			Breakdown Torque	153 LB-FT
R.P.M.	1765			Pull-up Torque	69.5 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	86.5 LB-FT
NEMA Design Code	A	KVA Code	H	Starting Current	127 A
Service Factor (S.F.)	1.15			No-load Current	7.56 A
NEMA Nom. Eff.	92.4	Power Factor	83	Line-line Res. @ 25°C	0.59555 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	54°C
S.F. Amps				Temp. Rise @ S.F. Load	67°C
				Rotor inertia	1.92 LB-FT ²

Load Characteristics 460 V, 60 Hz, 15 HP

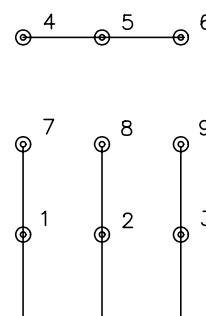
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	45	69	79	83	85	87	84
Efficiency	88.2	92.2	92.7	92.4	91.5	90.4	91.9
Speed	1791.3	1783.1	1774	1765.2	1754.6	1743.1	1759
Line amperes	8.62	11	14.5	18.1	22.6	26.9	20.8

Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values





CD0005

LOW VOLTAGE
(2Y)

LINE

HIGH VOLTAGE
(1Y)

LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005