

BALDOR® • RELIANCE

Product Information Packet

EM2332T-G

10HP,1180RPM,3PH,60HZ,256T,0960M,TEFC,F1

Part Detail							
Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	09WGT193	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	09J359	Layout:	09LYJ359	Poles:	06	Created Date:	08-21-2015
Base:	RG	Eff. Date:	09-01-2017	Leads:	9#12		

Specs			
Catalog Number:	EM2332T-G	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	H
Frame:	256T	Inverter Code:	Inverter Ready
Frame Material:	Iron	KVA Code:	H
Output @ Frequency:	10.000 HP @ 60 HZ	Lifting Lugs:	Standard Lifting Lugs
Synchronous Speed @ Frequency:	1200 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:	Not Applicable	Motor Type:	0960M
Agency Approvals:	UR	Mounting Arrangement:	F1
	CSA EEV	Power Factor:	72
	CSA	Product Family:	General Purpose
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	Standard
Base Indicator:	Rigid	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	14.100 A @ 460.0 V	Shaft Ground Indicator:	Shaft Grounding
	28.200 A @ 230.0 V	Shaft Rotation:	Reversible
	30.000 A @ 208.0 V	Shaft Slinger Indicator:	Shaft Slinger
Design Code:	B	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
		Winding Thermal 2:	None

Nameplate NP3441L

CAT.NO.	EM2332T-G										
SPEC.	09J359T193G1										
HP	10										
VOLTS	230/460										
AMP	28.2/14.1										
RPM	1180										
FRAME	256T				HZ		60		PH		3
SER.F.	1.15		CODE		H	DES		B	CL		H
NEMA-NOM-EFF	91		PF		72						
RATING	40C AMB-CONT										
CC	010A		USABLE AT 208V								30
DE	6309				ODE		6208				
ENCL	TEFC		SN								
VPWM INVERTER READY											
CT6-60H(10:1)VT3-60H(20:1)											

AC Induction Motor Performance Data

Record # 52520 - Typical performance - not guaranteed values

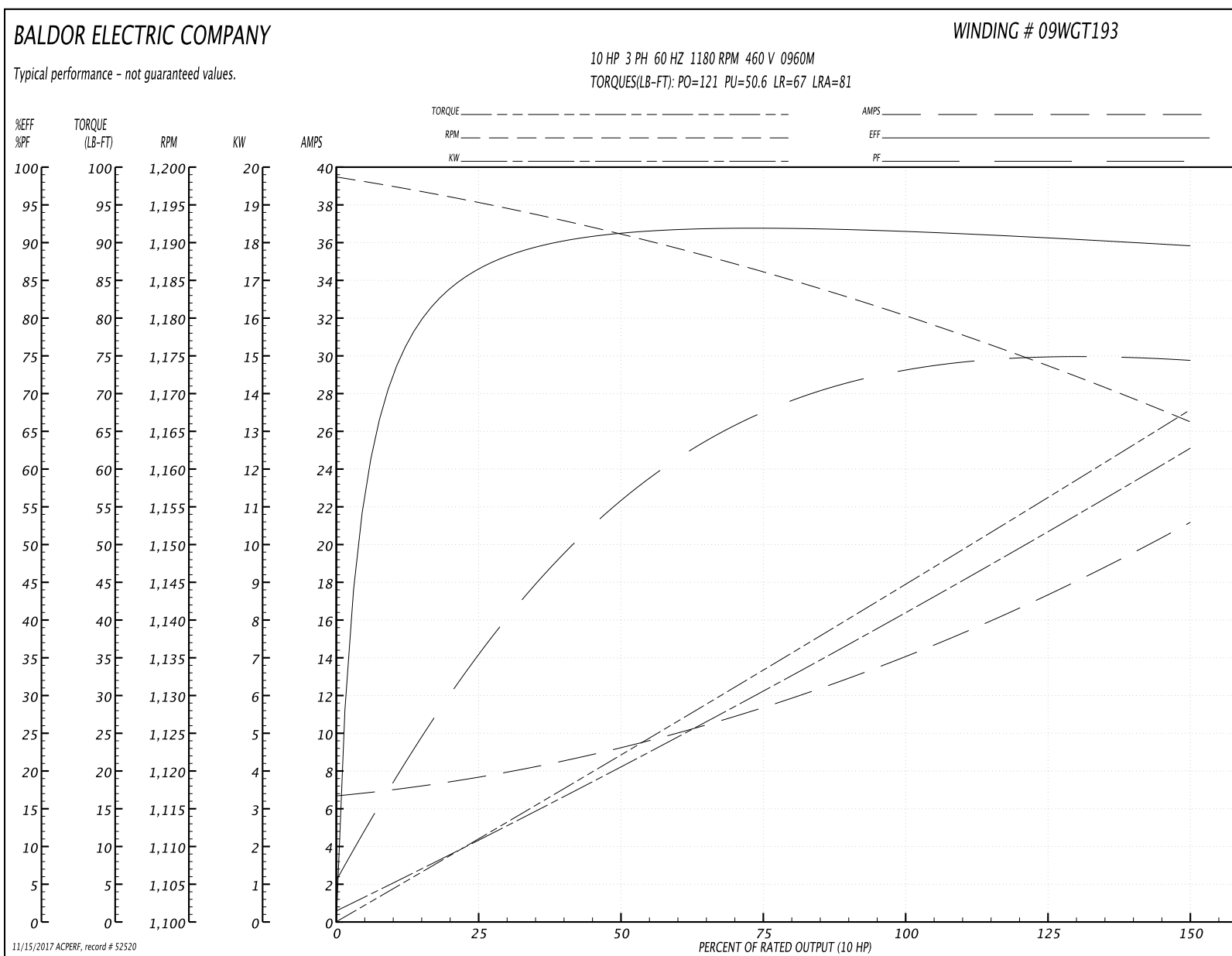
Winding: 09WGT193-R005	Type: 0960M	Enclosure: TEFC
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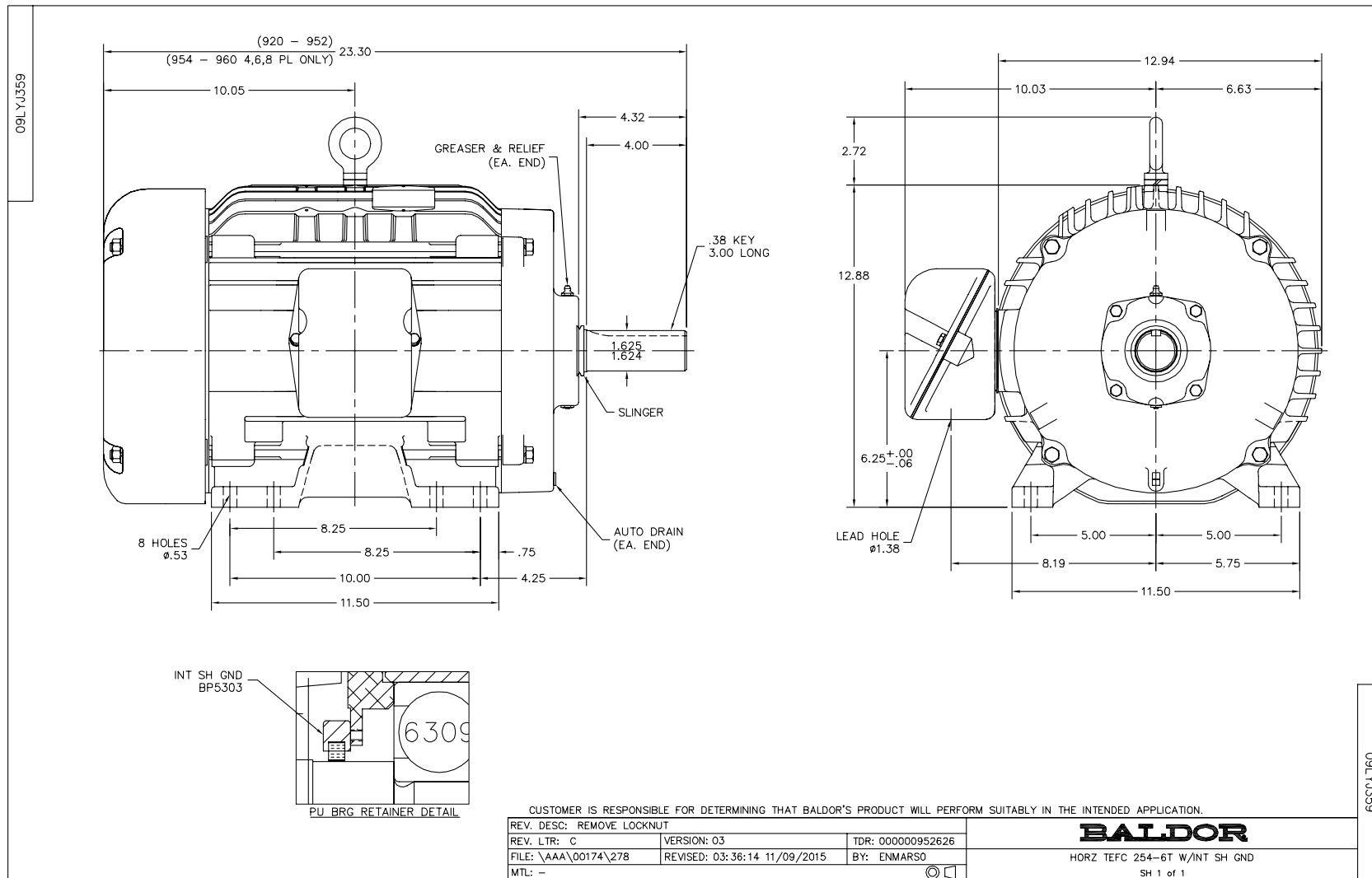
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	10			Full Load Torque	44.3 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	28.2/14.1			Breakdown Torque	121 LB-FT
R.P.M.	1180			Pull-up Torque	50.6 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	67 LB-FT
NEMA Design Code	B	KVA Code	H	Starting Current	81 A
Service Factor (S.F.)	1.15			No-load Current	6.84 A
NEMA Nom. Eff.	91	Power Factor	72	Line-line Res. @ 25°C	0.746 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	38°C
S.F. Amps				Temp. Rise @ S.F. Load	46°C
				Locked-rotor Power Factor	24.9
				Rotor inertia	4.82 LB-FT ²

Load Characteristics 460 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	36	57	67	72	74	75	73
Efficiency	85.8	90.7	91.9	91.7	91.1	89.4	91.3
Speed	1195	1191	1186	1181	1174	1166	1177
Line amperes	7.45	9.13	11.4	14.1	17.3	21.1	16

Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values

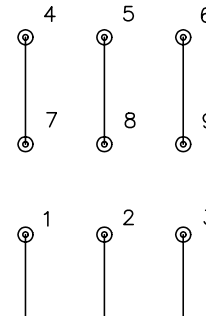




CD0005

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