



Customer information packet

L1322TM

2HP, 1750RPM, 1PH, 60HZ, 145T, 3532LC, OPEN, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	OPEN
Frame	145T
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Cap Start, Cap Run
Output @ Frequency	2.000 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	115.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	C UR US
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	17.800 A @ 115.0 V 8.900 A @ 230.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	78.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	8.9 a
Insulation Class	F
Inverter Code	Not Inverter

Part detail

Revision	A
Type	AC
Mech. spec.	35EE002
Base	
Status	PRD/A
Elec. spec.	35WGK361
Layout	35LYEE002
Eff. date	08-08-2024
CD Diagram	CD0320
Poles	04
Leads	4#16 A&J,2#18 B PH,1#14 #4TH
Proprietary	False
Created date	05-29-2024

KVA Code	H
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Quantity/Wire Size	4 @ 16 AWG, A&J
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3532LC
Mounting Arrangement	F1
Number of Poles	4
Overall Length	13.00 IN
Power Factor	92
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	0.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1750 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	Manual Thermal Overload
Winding Thermal 1 Location	ES
Winding Thermal 2	None

Nameplate

NP1257L									
CAT.NO.	L1322TM								
SPEC.	35EE002K361								
HP	2								
VOLTS	115/230								
AMP	17.8/8.9								
RPM	1750								
FRAME	145T			HZ	60		PH	1	
SER.F.	1.15	CODE	H	DES	L	CL	F		
NEMA-NOM-EFF	78.5	PF	92						
RATING	40C AMB-CONT								
CC									
DE	6205	ODE	6203						
ENCL	OPEN	SN							

AC Induction Motor Performance Data

Record # 107399

Typical performance - not guaranteed values

Winding: 35WGK361-R001			Type: 3532LC		Enclosure: OPEN		
Nameplate Data				230 V, 60 Hz: High Voltage Connection			
Rated Output (HP)		2		Full Load Torque		6.068 LB-FT	
Volts		115/230		Start Configuration		direct on line	
Full Load Amps		17.8/8.9		Breakdown Torque		14.9 LB-FT	
R.P.M.		1750		Pull-up Torque		9.4 LB-FT	
Hz	60	Phase	1	Locked-rotor Torque		13.4 LB-FT	
NEMA Design Code		L	KVA Code	H	Starting Current		61.1 A
Service Factor (S.F.)		1.15		No-load Current		3.62 A	
NEMA Nom. Eff.		78.5	Power Factor	92	Line-line Res. @ 25°C		1.6988 Ω A Ph 1.3035 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		56°C	
S.F. Amps				Temp. Rise @ S.F. Load		71°C	

Load Characteristics 230 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	63	80	88	92	94	94	93
Efficiency	64.5	76.8	80.3	80.2	77.7	73	78.7
Speed	1787.6	1774.9	1762.3	1747.3	1728.6	1699.2	1736
Line amperes	4.1	5.34	6.93	8.86	11.3	14.3	10.3

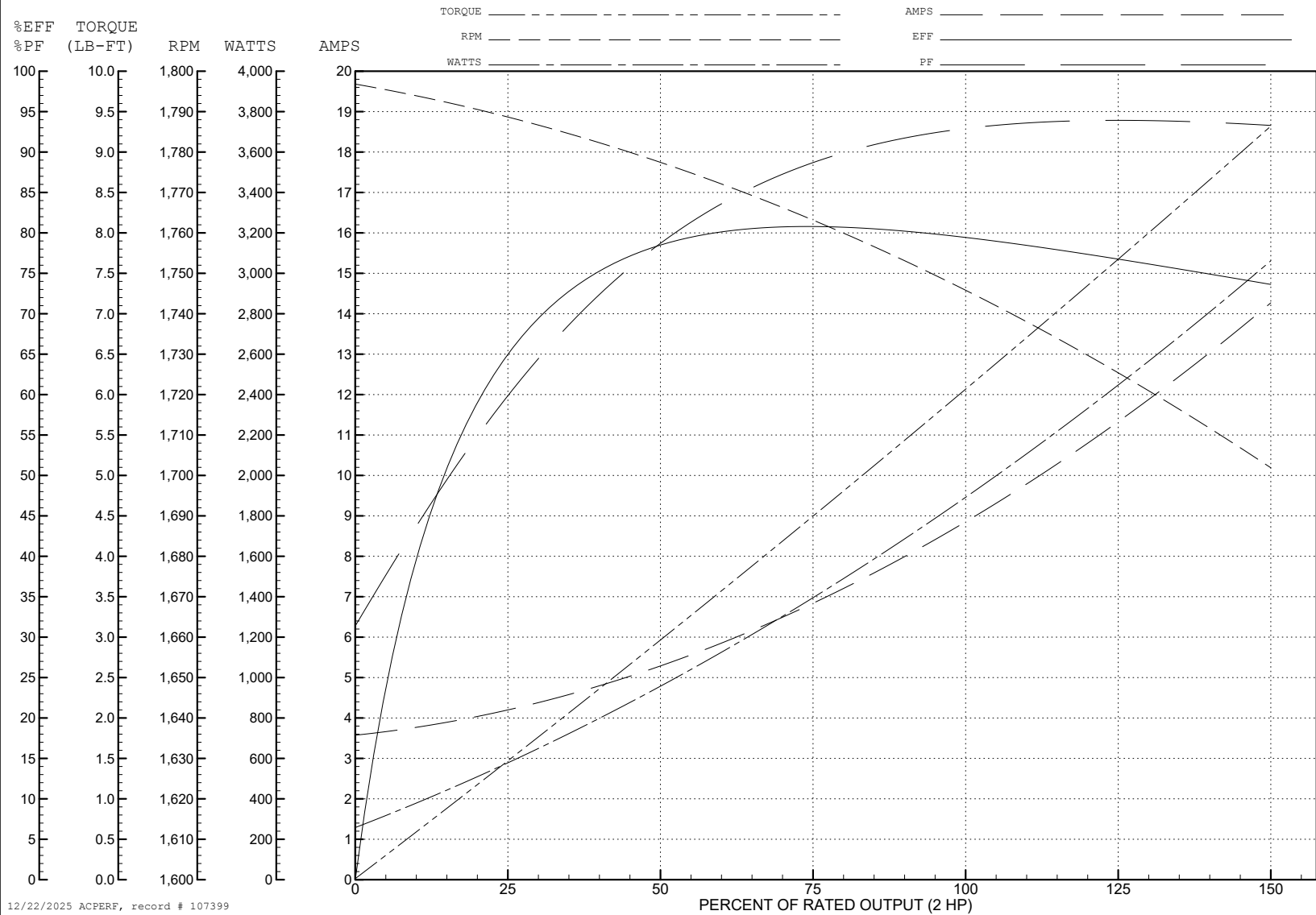
ABB Motors and Mechanical Inc.

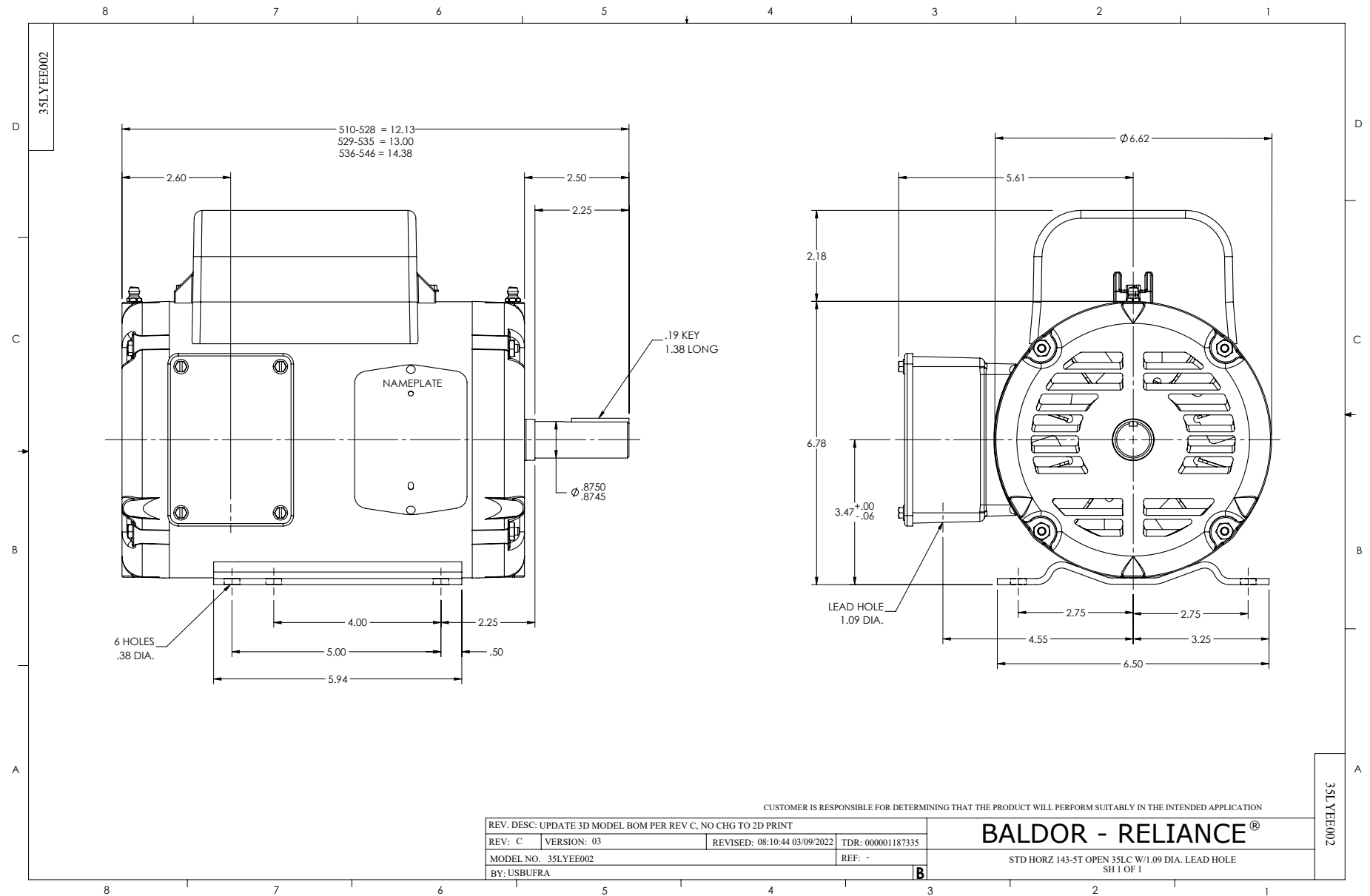
WINDING # 35WGK361

Typical performance - not guaranteed values.

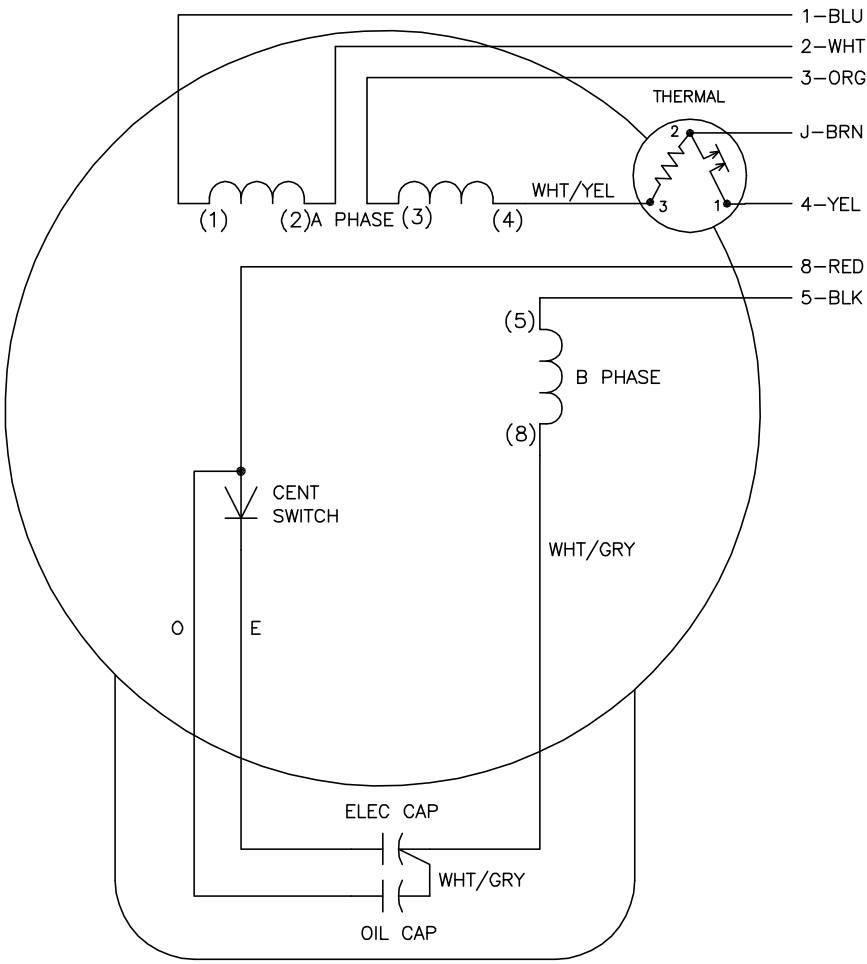
2 HP 1 PH 60 HZ 1750 RPM 230 V 3532LC

TORQUES (LB-FT): PO=14.9 PU=9.4 LR=13.4 LRA=61.1





CD0320



	LINE A	LINE B	JOIN	JOIN
HIGH STD	1,8	4	2,3,5	J
HIGH OPP	1,5	4	2,3,8	J
LOW STD	1,3,8	4	—	2,J,5
LOW OPP	1,3,5	4	—	2,J,8

- NOTES:
1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
 2. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
 3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0320

REV. DESC: ADD INTERNAL CONNECTION TO HELP MANUFACTURING		
REV. LTR: G	VERSION: 01	TDR: 000000941594
FILE: \AAA\00007\422	REVISED: 02: 21: 00 08/28/2015	BY: ENALEMO
MTL: —	© □	

BALDOR

TYPE LC, DV, REV, THERMAL, B PH AMPS THRU HTR HVC, 7 LEAD
SH 1 of 1