ABB BALDOR RELIANCE

Customer information packet

EPL1313M

1.5HP, 3480RPM, 1PH, 60HZ, 56H, 3532LC, OPEN, F
Class - None
Division - Not Applicable

7/8/2026 5:35:25 PM

Specifications

Enclosure	OPEN
Frame	56H
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	1.500 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	115.0 V @ 60 HZ
Agency Approvals	CSA
	UR
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	5.900 A @ 230.0 V
	11.800 A @ 115.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	82.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	5.9 a

Part Detail

Revision	F
Type	AC
Mech. spec.	35E3073
Base	
Status	PRD/A
Elec. spec.	35WGL137
Layout	35LYE3073
Eff. date	05-07-2024
CD Diagram	CD0320
Poles	02
Leads	6#16,1#14 #4TH
Proprietary	False
Created date	03-03-2015

Insulation Class	B
Inverter Code	Not Inverter
KVA Code	G
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	6 @ 16 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3532LC
Mounting Arrangement	F1
Number of Poles	2
Overall Length	12.62 IN
Power Factor	99
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	0.625 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3480 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Do Not Use
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	Manual Thermal Overload
Winding Thermal 1 Location	KO

Winding Thermal 2	None

Nameplate

	NP1257L									
CAT.NO.	EPL1313M									
SPEC.	35E3073L137									
HP	1.5									
VOLTS	115/230									
AMP	11.8/5.9									
RPM	3480									
FRAME	56H		**HZ**	60		**PH**	1			
SER.F.	1.15	**CODE**	G	**DES**	L	**CL**	B			
NEMA-NOM-EFF	82	**PF**	99							
RATING	40C AMB-CONT									
CC										
DE	6205	**ODE**	6203							
ENCL	OPEN	**SN**								

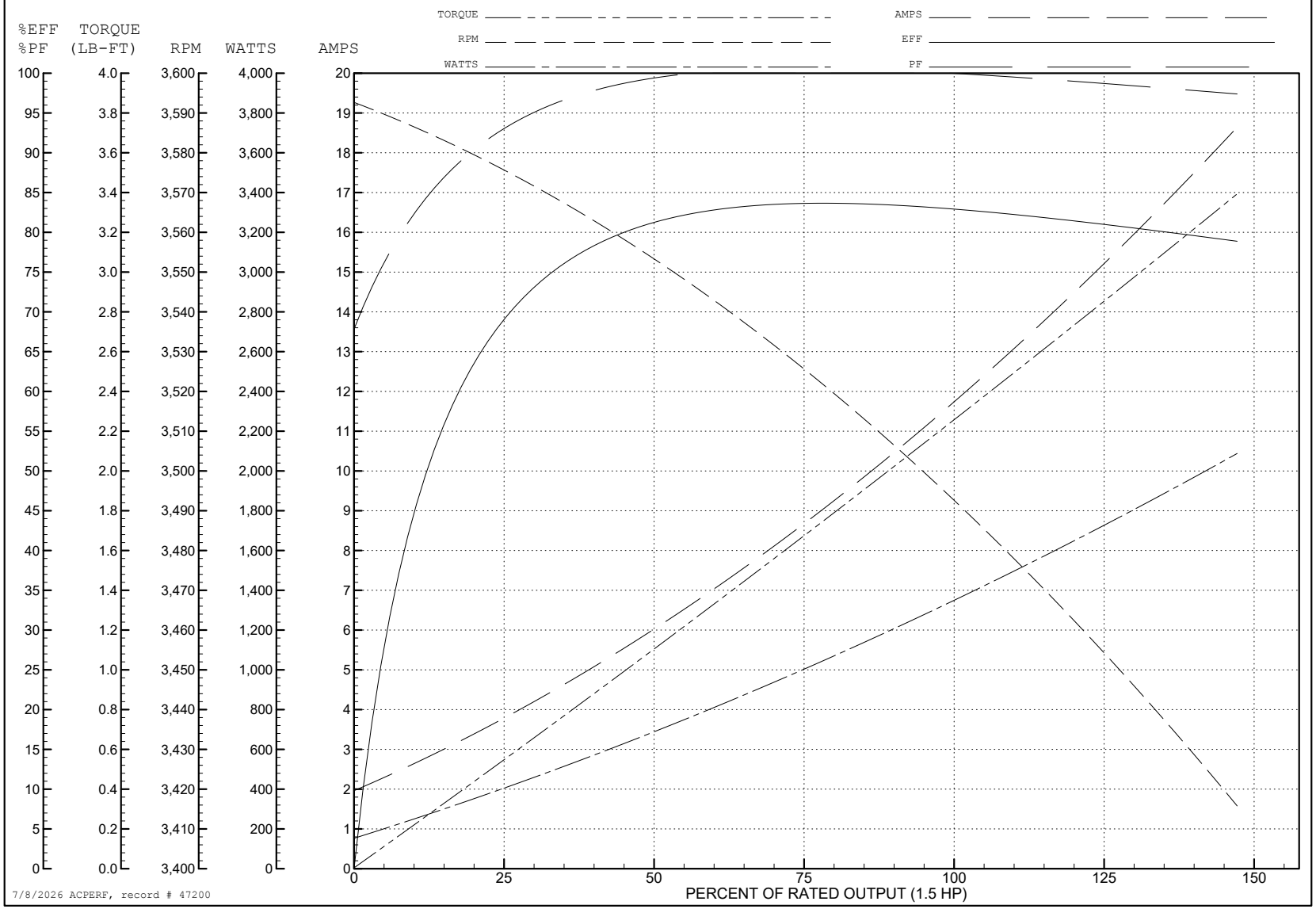
ABB Motors and Mechanical Inc.

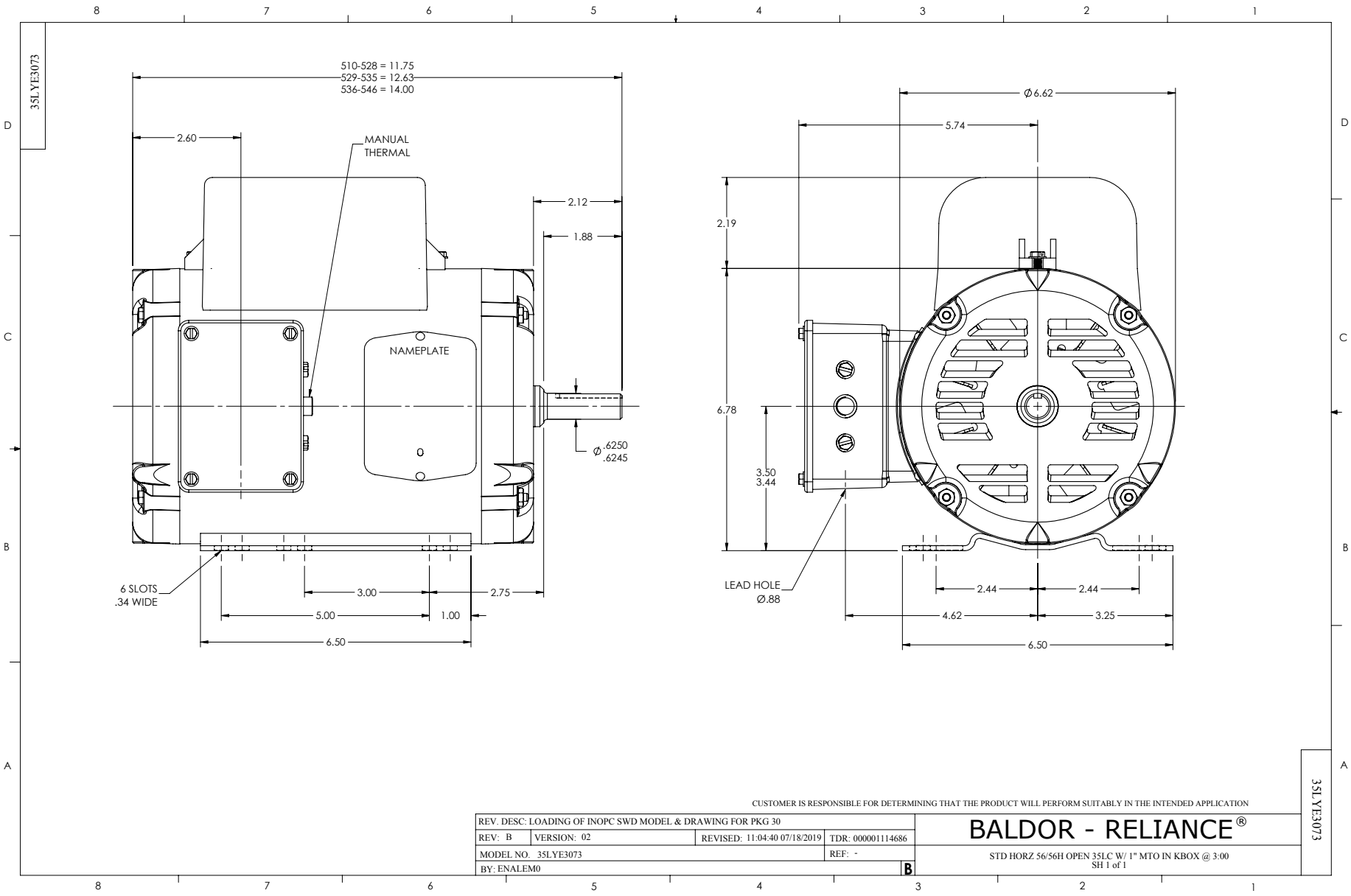
WINDING # 35WGL137

1.5 HP 1 PH 60 HZ 3480 RPM 115 V 3532LC

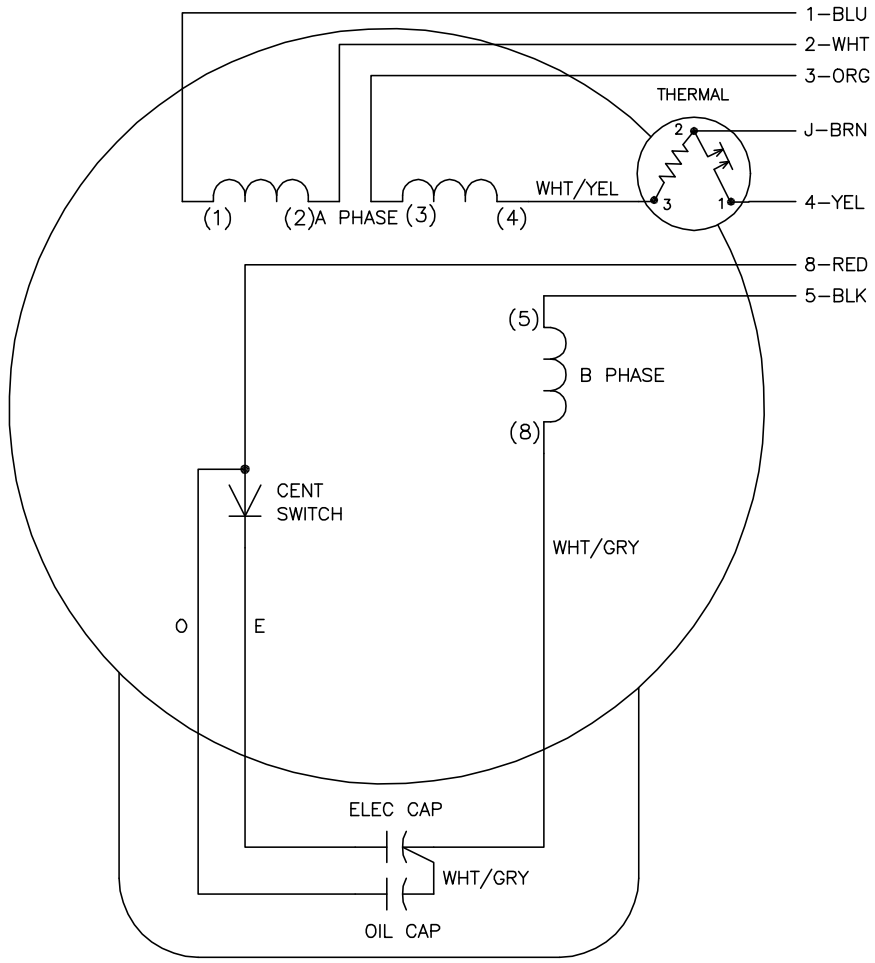
Typical performance - not guaranteed values.

TORQUES(LB-FT): PO=4.71 PU=4.5 LR=6.15 LRA=73.89




35LYE3073
510-528 = 11.75
529-535 = 12.63
536-546 = 14.00
2.60
MANUAL
THERMAL
2.12
1.88
NAMEPLATE
Ø .6250
.6245
6 SLOTS
.34 WIDE
3.00
2.75
5.00
1.00
6.50
Ø 6.62
5.74
2.19
6.78
3.50
3.44
LEAD HOLE
Ø.88
2.44
2.44
4.62
3.25
6.50
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: LOADING OF INOPC SWD MODEL & DRAWING FOR PKG 30
REV: B
VERSION: 02
REVISED: 11:04:40 07/18/2019
TDR: 000001114686
MODEL NO. 35LYE3073
REF: -
BY: ENALEM0
B
BALDOR - RELIANCE®
STD HORZ 56/56H OPEN 35LC W/ 1" MTO IN KBOX @ 3:00
SH 1 of 1
35LYE3073

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