ABB BALDOR RELIANCE

Customer information packet

L5026

1HP, 1140RPM, 1PH, 60HZ, 184, X3634L, XPFC, F1
Class - CLI GP D; CLII GP F,G
Division - Division I

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Specifications

Enclosure	XPFC
Frame	184
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP D; CLII GP F,G
Haz Area Division	Division I
Motor Letter Type	Cap Start, Induction Run
Output @ Frequency	1.000 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	208.0 V @ 60 HZ
	115.0 V @ 60 HZ
Agency Approvals	CSA
	UL
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	7.400 A @ 208.0 V
	7.000 A @ 230.0 V
	14.000 A @ 115.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	67.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None

Part Detail

Revision	AQ
Type	AC
Mech. spec.	36N007
Base	
Status	PRD/A
Elec. spec.	36WG0608
Layout	36LYN007
Eff. date	10-10-2025
CD Diagram	CD0001
Poles	06
Leads	6#16
Proprietary	False
Created date	01-01-0001

Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	7.0 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	K
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	3634L
Mounting Arrangement	F1
Number of Poles	6
Overall Length	16.92 IN
Power Factor	67
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	0.875 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1140 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat
Vibration Sensor Indicator	No Vibration Sensor

Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP1426XPSL							
NO.		**CC**					
SER.							
SPEC.	36N07-608						
CAT.NO.	L5026						
HP	1	**T. CODE**	T3C				
VOLTS	115/208-230						
AMPS	14/7.4-7						
RPM	1140						
HZ	60	**PH**	1	**CL**	B		
SER.F.	1.00	**DES**	L	**CODE**	K		
RATING	40C AMB-CONT						
FRAME	184	**NEMA-NOM-EFF**			67		
		PF	67				
BLANK							

AC Induction Motor Performance Data
Record # 10489
Typical performance - not guaranteed values

Winding: 36WG0608-R005	**Type:** 3634L	**Enclosure:** XPFC

Nameplate Data			
Rated Output (HP)		1	
Volts		115/208-230	
Full Load Amps		14/7.4-7	
R.P.M.		1140	
Hz	60 **Phase**	1	
NEMA Design Code	L **KVA Code**	K	
Service Factor (S.F.)		1	
NEMA Nom. Eff.	67 **Power Factor**	67	
Rating - Duty		40C AMB-CONT	

230 V, 60 Hz: High Voltage Connection	
Full Load Torque	4.6 LB-FT
Start Configuration	direct on line
Breakdown Torque	8.5 LB-FT
Pull-up Torque	7.9 LB-FT
Locked-rotor Torque	12 LB-FT
Starting Current	34 A
No-load Current	4.85 A
Line-line Res. @ 25ºC	0.502 Ω A Ph 1.74 Ω B Ph
Temp. Rise @ Rated Load	74°C

Load Characteristics 230 V, 60 Hz, 1 HP

% of Rated Load	**25**	**50**	**75**	**100**	**125**	**150**
Power Factor	34	48	59	67	73	76
Efficiency	47.8	62.6	68.5	70.6	70.4	68.3
Speed	1188	1178	1168	1155	1140	1119
Line amperes	5.05	5.4	6	6.85	7.95	9.4

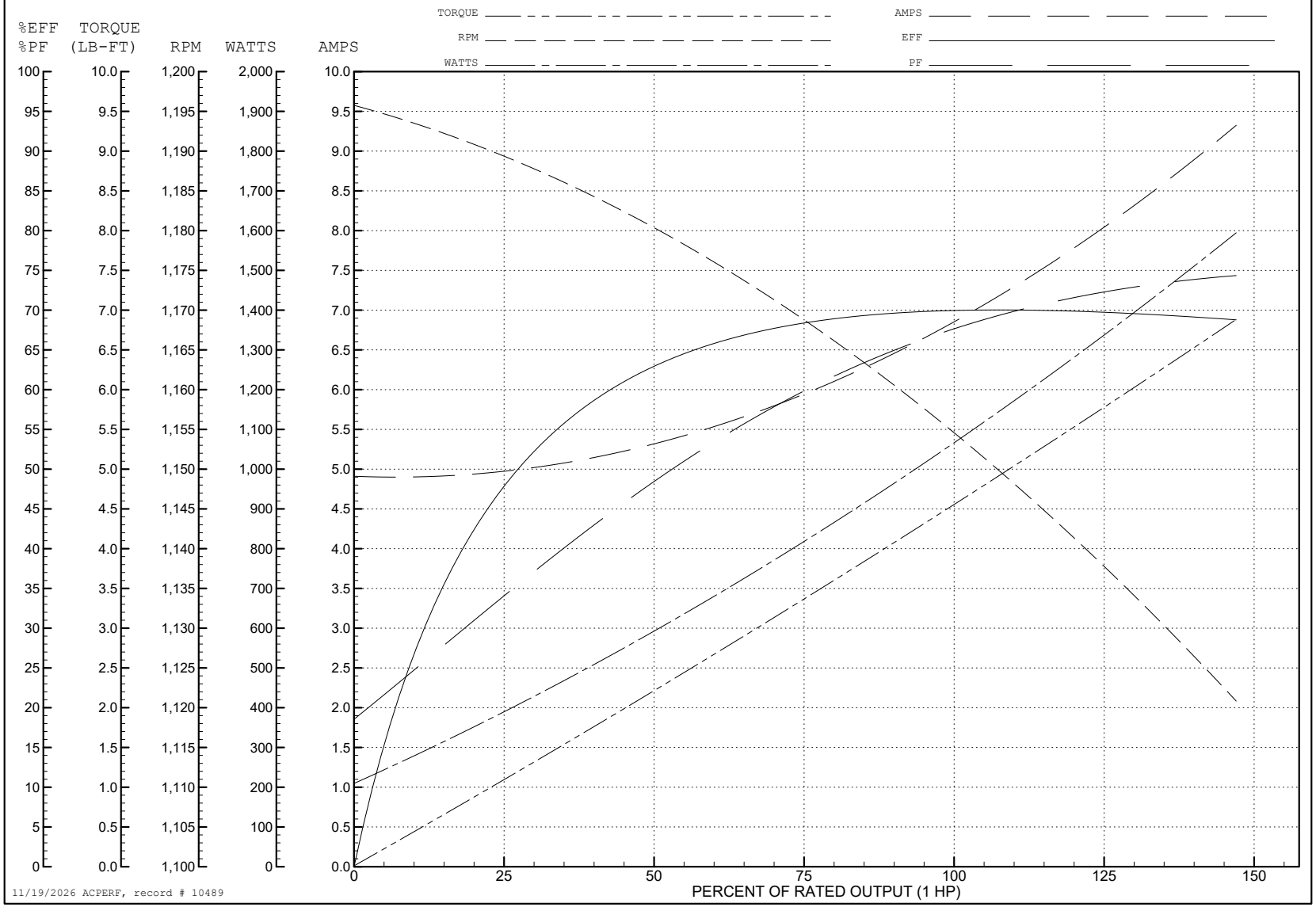
ABB Motors and Mechanical Inc.

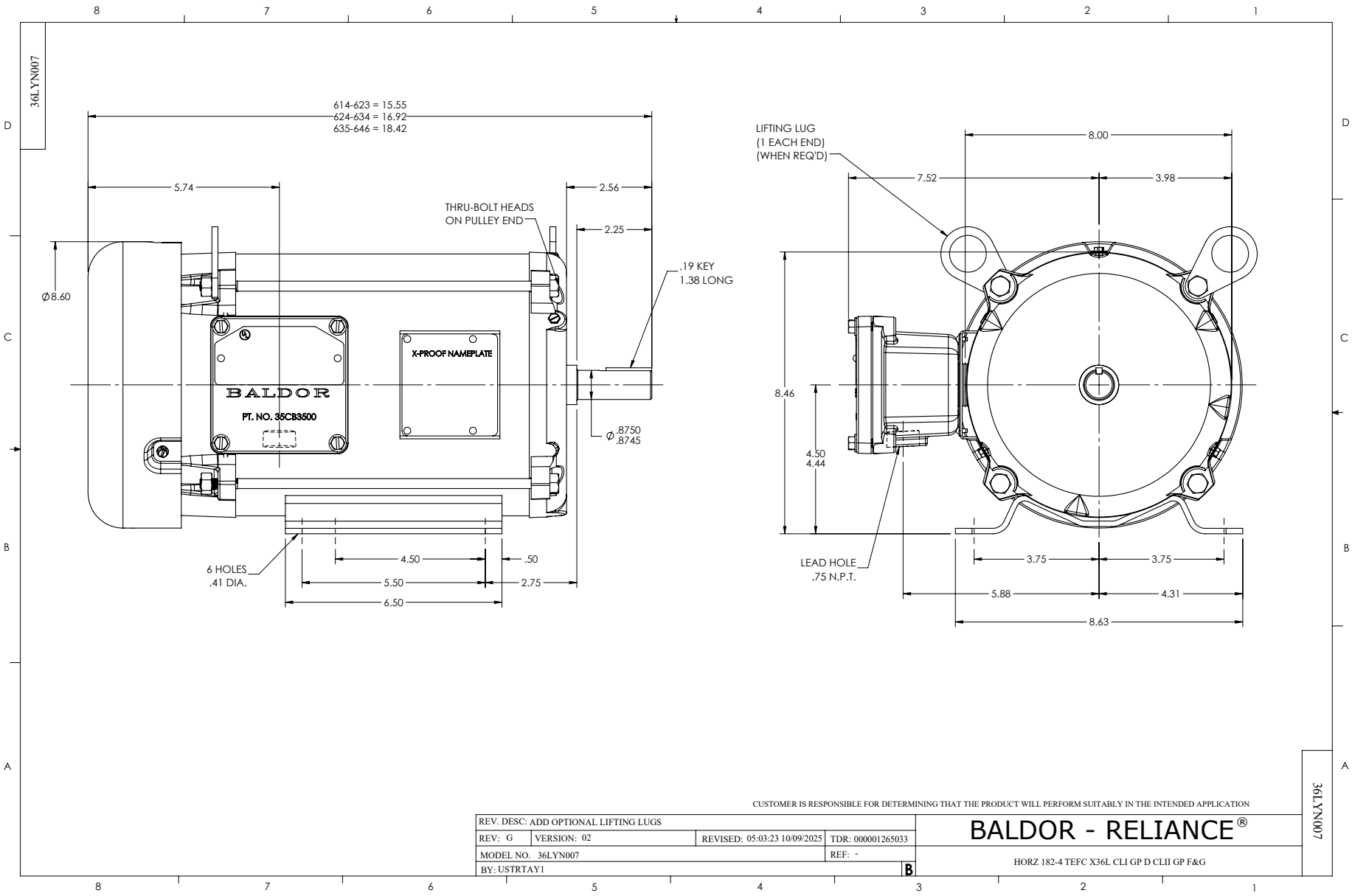
WINDING # 36WG0608

1 HP 1 PH 60 HZ 1140 RPM 230 V 3634L

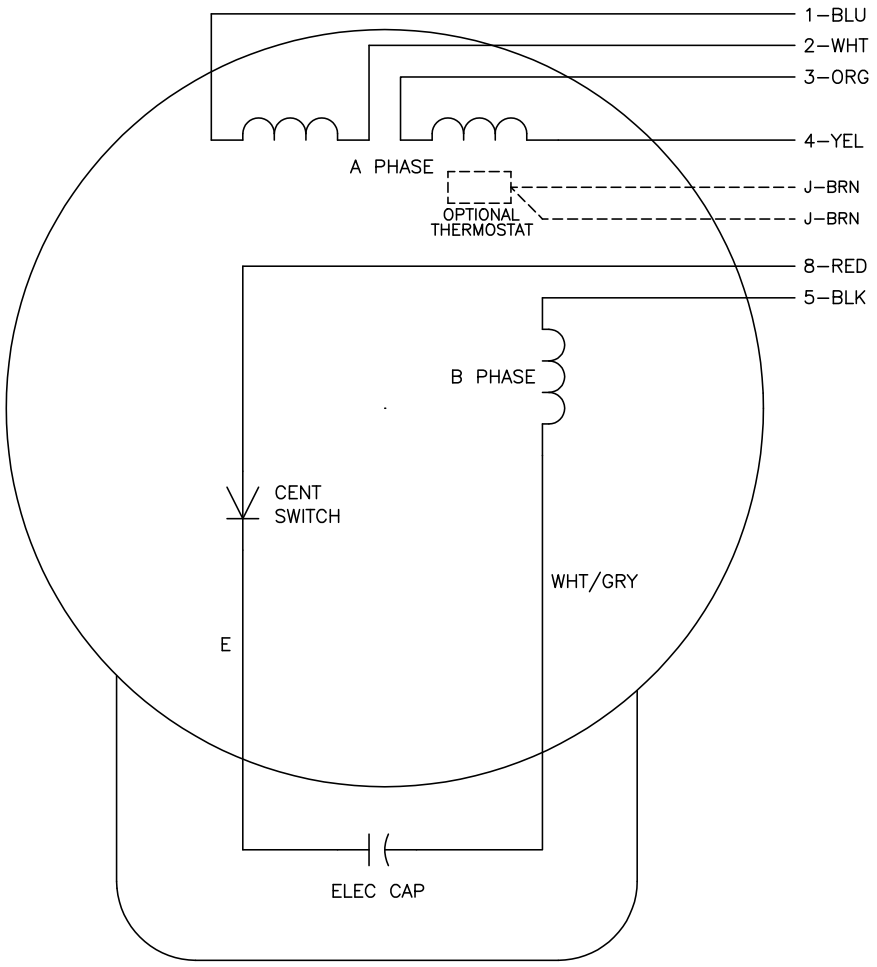
Typical performance - not guaranteed values.

TORQUES(LB-FT): PO=8.5 PU=7.9 LR=12 LRA=34




36LYN007
614-623 = 15.55
624-634 = 16.92
635-646 = 18.42
5.74
2.56
2.25
THRU-BOLT HEADS
ON PULLEY END
.19 KEY
1.38 LONG
Ø8.60
X-PROOF NAMEPLATE
BALDOR
PT. NO. 35CB3500
Ø .8750
.8745
6 HOLES
.41 DIA.
4.50
.50
5.50
2.75
6.50
LIFTING LUG
(1 EACH END)
(WHEN REQ'D)
8.00
7.52
3.98
8.46
4.50
4.44
LEAD HOLE
.75 N.P.T.
3.75
3.75
5.88
4.31
8.63
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: ADD OPTIONAL LIFTING LUGS
REV: G
VERSION: 02
REVISED: 05:03:23 10/09/2025
TDR: 000001265033
MODEL NO. 36LYN007
REF: -
BY: USTRTAY1
B
BALDOR - RELIANCE®
HORZ 182-4 TEFC X36L CLI GP D CLII GP F&G
36LYN007

CD0001



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

NOTES:

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

CD0001

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: D	BY: JLP	REVISED: 04/08/99 1:16	TDR: 0178636
CD0001		FILE: AAA00007405	MDL: –
		MTL: –	TYPE L, DV, REV, 6 LEADS