ABB BALDOR RELIANCE

Customer information packet

EL1408T

3HP, 1755RPM, 1PH, 60HZ, 184T, 3634LC, OPSB, F1
Class - None
Division - Not Applicable

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Specifications

Enclosure	OPSB
Frame	184T
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	3.000 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	208.0 V @ 60 HZ
Agency Approvals	CSA EEV
	CURUS
	CURUSEEV
	NEMA PREMIUM (OLD LOGO)
	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	11.200 A @ 230.0 V
	12.500 A @ 208.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	85.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard

Part Detail

Revision	AC
Type	AC
Mech. spec.	36K265
Base	
Status	PRD/A
Elec. spec.	36WGT269
Layout	36LYK265
Eff. date	03-30-2026
CD Diagram	CD0017A02
Poles	04
Leads	2#14 A PH,2#16 B PH
Proprietary	False
Created date	01-01-0001

Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	11.2 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	F
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	2 @ 14 AWG, A PH
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3634LC
Mounting Arrangement	F1
Number of Poles	4
Overall Length	16.50 IN
Power Factor	98
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	1.125 IN
Shaft Extension Location	Pulley End
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	None
Winding Thermal 2	None

Nameplate

NP2117L									
CAT.NO.	EL1408T								
SPEC.	36K265T269E7								
HP	3								
VOLTS	208-230								
AMP	12.5-11.2								
RPM	1750								
FRAME	184T	**HZ**	60		**PH**	1			
SER.F.	1.15	**CODE**	F	**DES**	L	**CL**	F		
NEMA-NOM-EFF	85.5	**PF**	98						
RATING	40C AMB-CONT								
CC									
DE	6206	**ODE**	6205						
ENCL	OPSB	**SN**							

Accessories

Part number	Description	Multiplier
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	

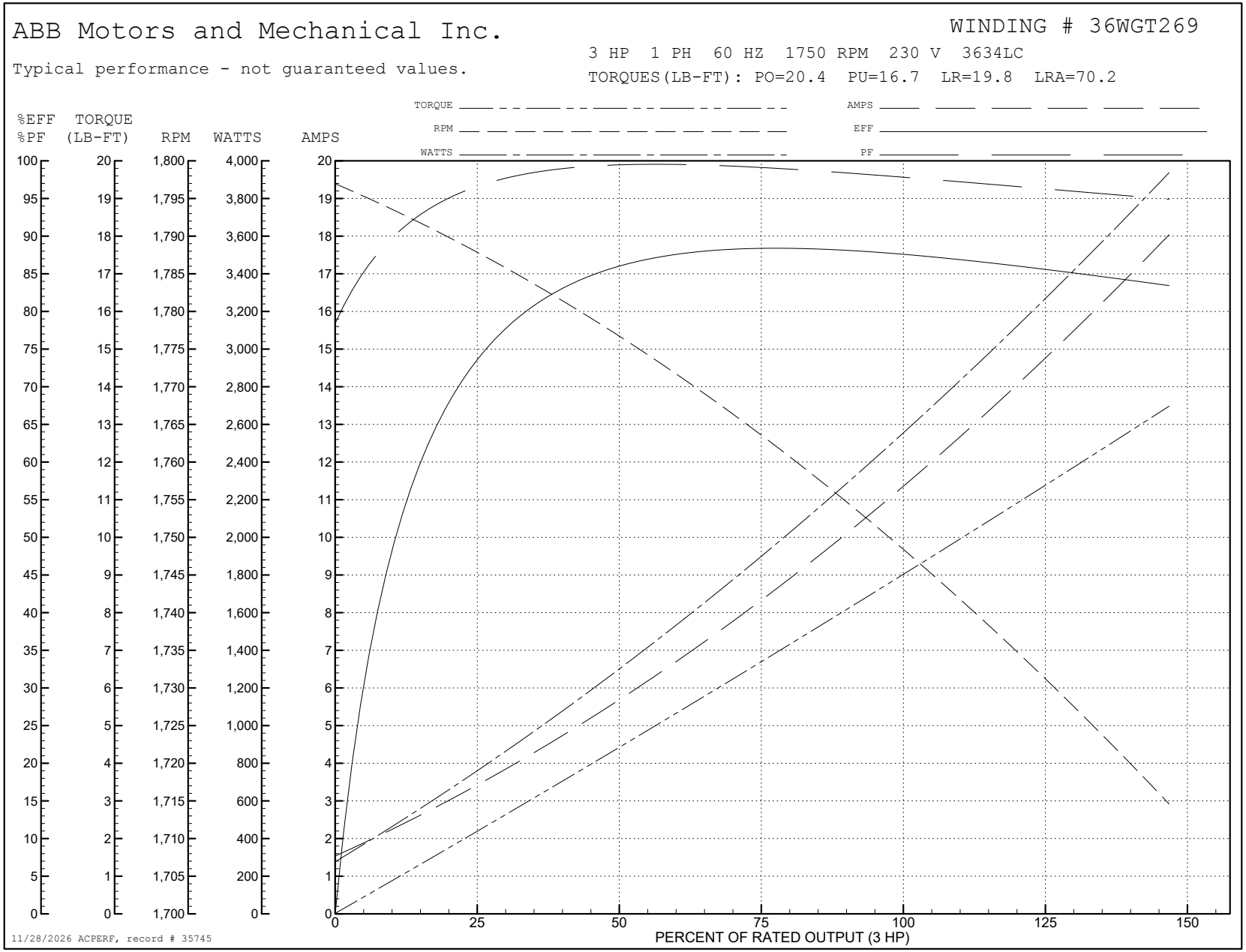
AC Induction Motor Performance Data
Record # 35745
Typical performance - not guaranteed values

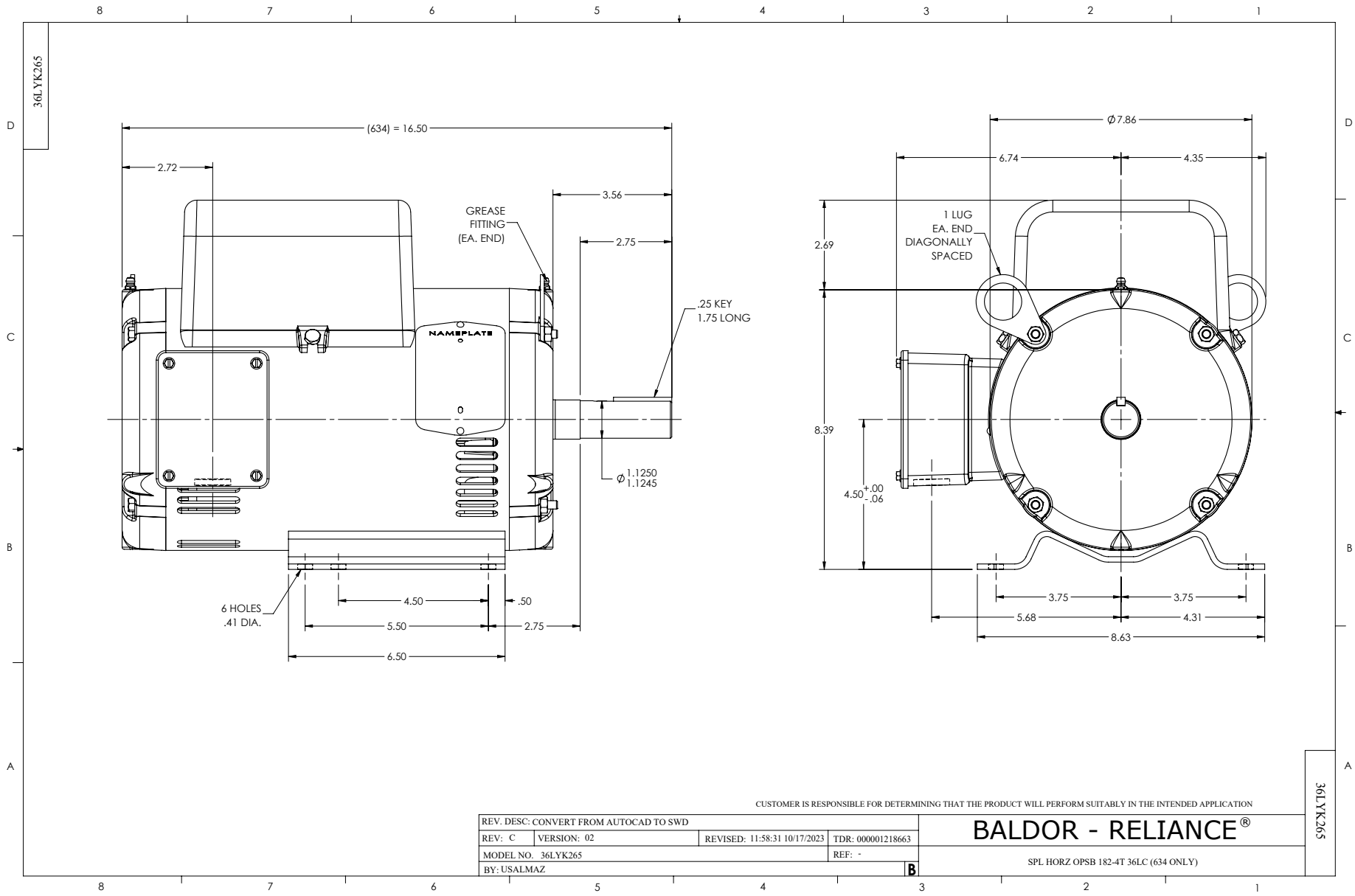
Winding: 36WGT269-R004	**Type:** 3634LC	**Enclosure:** OPSB

Nameplate Data				**230 V, 60 Hz: Single Voltage Motor**	
Rated Output (HP)			3	**Full Load Torque**	9 LB-FT
Volts			208-230	**Start Configuration**	direct on line
Full Load Amps			12.5-11.2	**Breakdown Torque**	20.4 LB-FT
R.P.M.			1750	**Pull-up Torque**	16.7 LB-FT
Hz	60	**Phase**	1	**Locked-rotor Torque**	19.8 LB-FT
NEMA Design Code	L	**KVA Code**	F	**Starting Current**	70.2 A
Service Factor (S.F.)			1.15	**No-load Current**	1.4 A
NEMA Nom. Eff.	85.5	**Power Factor**	98	**Line-line Res. @ 25ºC**	0.9 Ω A Ph 2.15 Ω B Ph
Rating - Duty			40C AMB-CONT	**Temp. Rise @ Rated Load**	45°C
S.F. Amps				**Temp. Rise @ S.F. Load**	56°C

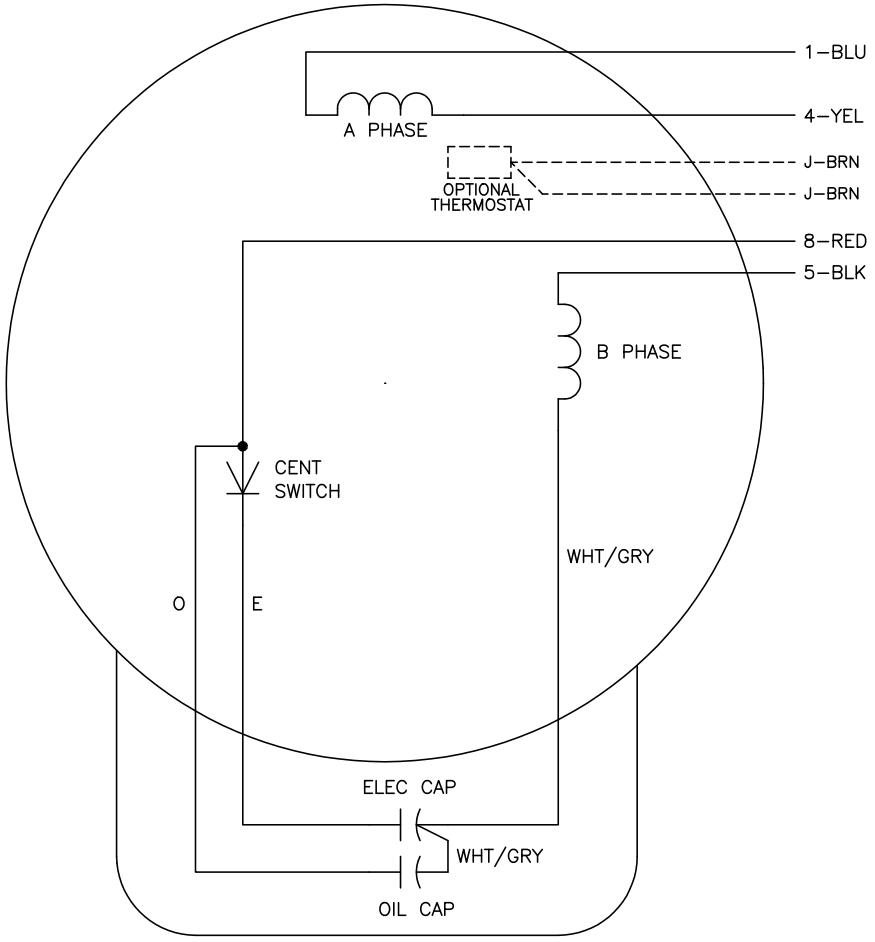
Load Characteristics 230 V, 60 Hz, 3 HP

% of Rated Load	**25**	**50**	**75**	**100**	**125**	**150**	**S.F.**
Power Factor	95	98	99	99	96	95	97
Efficiency	72.9	85	88	88.1	86.7	82.8	87.3
Speed	1785	1775	1764	1750	1733	1713	1740
Line amperes	3.6	5.9	8.4	11.2	14.5	18.2	13.2


ABB Motors and Mechanical Inc.
WINDING # 36WGT269
3 HP 1 PH 60 HZ 1750 RPM 230 V 3634LC
Typical performance - not guaranteed values.
TORQUES(LB-FT): PO=20.4 PU=16.7 LR=19.8 LRA=70.2
TORQUE
RPM
WATTS
AMPS
EFF
PF
%EFF %PF
TORQUE (LB-FT)
RPM
WATTS
AMPS
PERCENT OF RATED OUTPUT (3 HP)
11/28/2026 ACPERF, record # 35745


36LYK265
(634) = 16.50
2.72
3.56
2.75
GREASE FITTING (EA. END)
.25 KEY 1.75 LONG
NAMEPLATE
Ø 1.1250 1.1245
6 HOLES .41 DIA.
4.50
.50
5.50
2.75
6.50
Ø7.86
6.74
4.35
1 LUG EA. END DIAGONALLY SPACED
2.69
8.39
4.50 +.00 -.06
3.75
3.75
5.68
4.31
8.63
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: CONVERT FROM AUTOCAD TO SWD
REV: C
VERSION: 02
REVISED: 11:58:31 10/17/2023
TDR: 000001218663
MODEL NO. 36LYK265
REF: -
BY: USALMAZ
B
BALDOR - RELIANCE®
SPL HORZ OPSB 182-4T 36LC (634 ONLY)
36LYK265

CD0017A02



	LINE A	LINE B
STD	1,8	4,5
OPP	1,5	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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: B	BY: JLP	REVISED: 04/09/99 11:30	TDR: 0178636
CD0017A02		FILE: AAA00007514	MDL: –
		MTL: –	TYPE LC, SV, REV, 4 LEADS

CD0017A02