

ABB BALDOR RELIANCE III

Customer information packet

EL1408T

3HP, 1755RPM, 1PH, 60HZ, 184T, 3634LC, OPSB, F1

Class - None

Division - Not Applicable

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 U R U S
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							

Parts List

Part number	Description	Quantity
SA087805	SA 36K265T269E7	1.000 ea
RA080764	RA 36K265T269E7	1.000 ea
OC3035F09SP	CYL OIL CAP 35MFD/370V	1.000 ea
EC1130C04	ELEC CAP, 130-156 MFD, 250V, 1.81D X 4.	2.000 ea
36CB3004	36 CB CASTING W/1.09 DIA LEAD HOLE @ 6:0	1.000 ea
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 ea
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 ea
HW3001B01	BRASS CUP WASHER, FOR #10 SCREW	1.000 ea
36EP3204B00	MASTER ODE,205 BRG,GRSR	1.000 ea
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 ea
SP1008A01	BAFFLE, MODEL 36 & 37	1.000 ea
13XF0832A08	8-32 X.50 PAN HD,SLTD, TYPE F SCREW, ZIN	2.000 ea
36CB3800SP	CAPACITOR COVER, CAST	1.000 ea
10XN2520A12	1/4-20 X 3/4 HEX HEAD CAP	2.000 ea
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 ea
36EP3100A01SP	PUEP ASSEMBLY FOR ROUTING PURPOSES	1.000 ea
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 ea
HA3101A40	THRUBOLT 1/4-20 X 12.687	4.000 ea
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 ea
36CB4516	750LIPPED CB LID - GALVANNEAL	1.000 ea
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 ea
HW2501E16	KEY, 1/4 SQ X 1.750	1.000 ea
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 ea
HA6362ZP	LIFTING LUG FOR 36 FRAME MOTORS.	2.000 ea
HA7010A01	CAPACITOR RETENTION CLAMP, 6.562 LONG	1.000 ea
MJ1000A02	GREASE, POLYREX EM EXXON	0.050 lb
MG1050Y01	CELEROL BALDOR GOLD *5 GALLON BUCKET*	0.022 ga
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	6.000 ea
SP5172A05	37 TYPE LC TORQ STAT SW LEAD ASSEMBLY	1.000 ea
LC0017	CONN LABEL-1 PHASE-SINGLE VOLT-REV ROTNO	1.000 ea
NP2117L	SS SUPER-E UL CC	1.000 ea

36PA1001	PKG GRP, PRINT PK1017A07	1.000 ea
MN416A01	TAG-INSTAL-MAINT no wire (2500 bx)11/25	1.000 ea
FE-0000001	ZRTG FE ASSEMBLY	1.000 ea
LB1624	COMBINED WARNING LABEL, ISO/ANSI PICTOGR	1.000 ea

Accessories

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

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	
NEMA Design Code		L	KVA Code		F	
Service Factor (S.F.)		1.15	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. @ 25°C				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

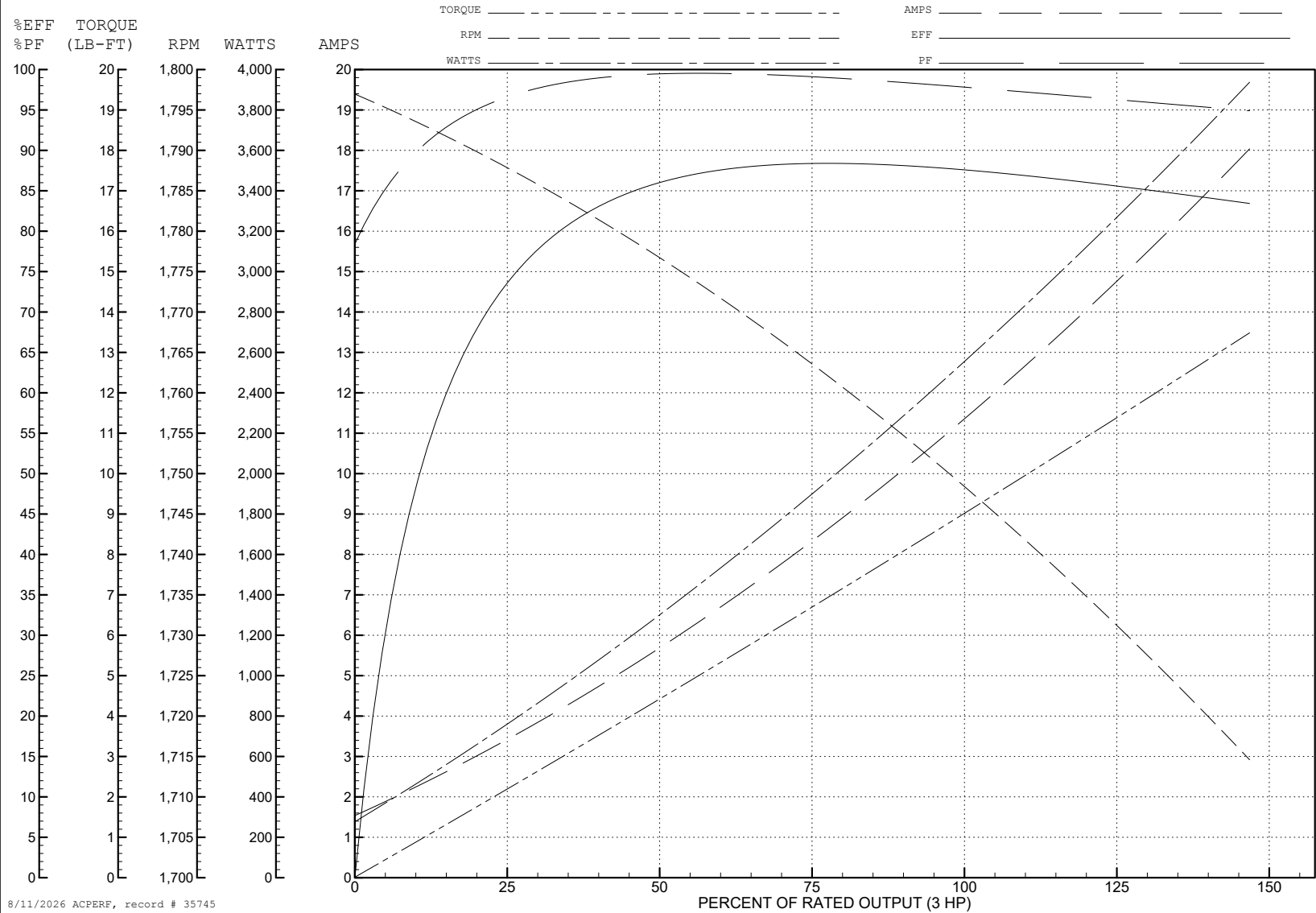
ABB Motors and Mechanical Inc.

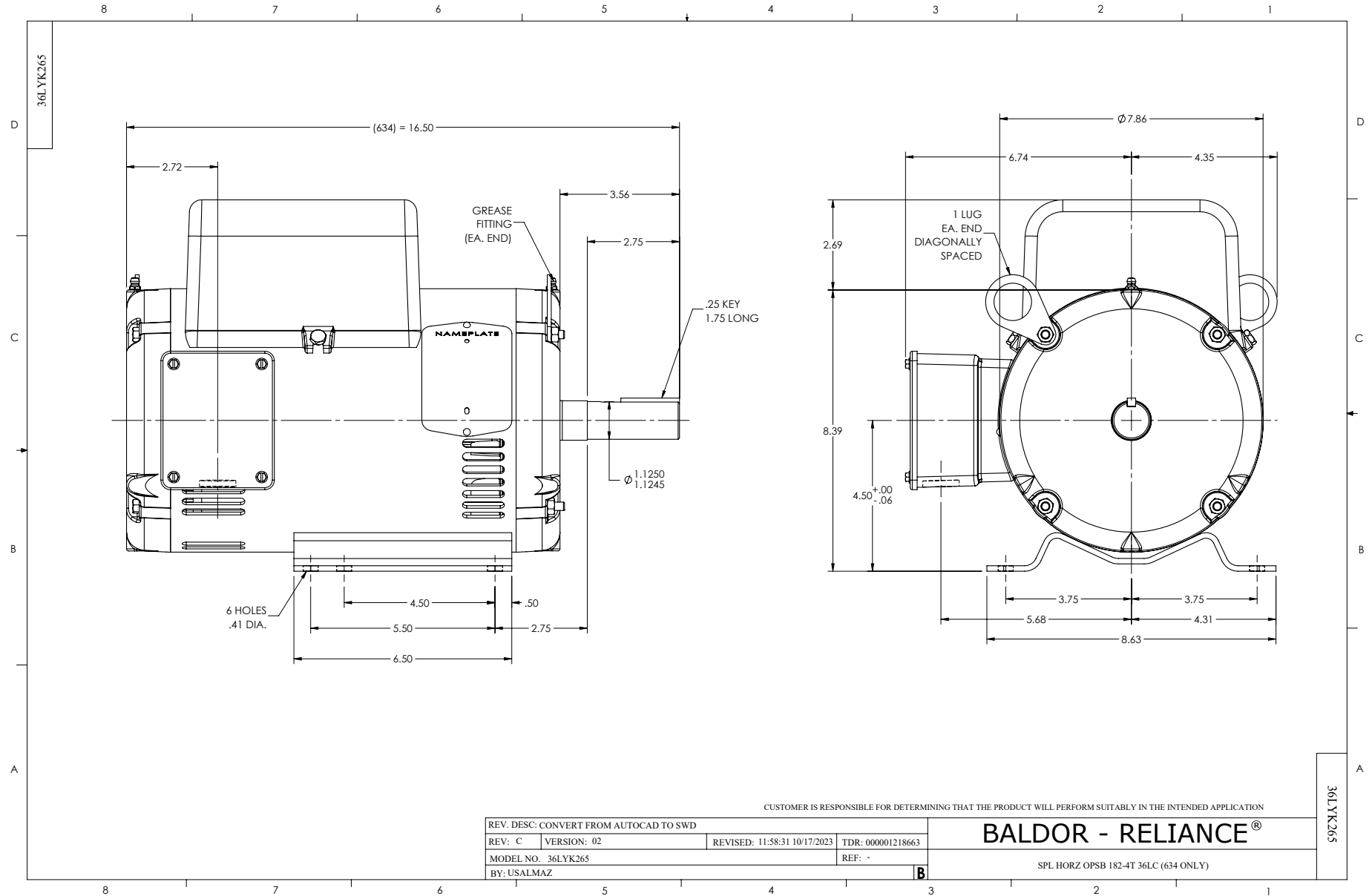
WINDING # 36WGT269

Typical performance - not guaranteed values.

3 HP 1 PH 60 HZ 1750 RPM 230 V 3634LC

TORQUES (LB-FT): PO=20.4 PU=16.7 LR=19.8 LRA=70.2





CD0017A02

