

BALDOR • RELIANCE

Customer information packet

L1206-50

.33/KW .25, 1440RPM, 1PH, 50HZ, 48, 3418LC, OP

Class - None

Division - Not Applicable

Specifications

Enclosure	OPEN
Frame	48
Frame Material	Steel
Frequency	50.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Cap Start, Cap Run
Output @ Frequency	.330 HP @ 50 HZ
Phase	1
Synchronous Speed @ Frequency	1500 RPM @ 50 HZ
Voltage @ Frequency	110.0 V @ 50 HZ 220.0 V @ 50 HZ
Agency Approvals	CURUSEEV CE WEEE
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Design Code	-
Drip Cover	No Drip Cover
Duty Rating	CONT
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
Insulation Class	B
Inverter Code	Not Inverter
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing

Part detail

Revision	B
Type	AC
Mech. spec.	34F351
Base	
Status	PRD/A
Elec. spec.	34WGR753
Layout	34LYF351
Eff. date	10-16-2023
CD Diagram	CD0055
Poles	04
Leads	6#18
Proprietary	False
Created date	04-26-2023

Motor Lead Quantity/Wire Size	6 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3418LC
Mounting Arrangement	F1
Number of Poles	4
Overall Length	9.76 IN
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	1.35
Shaft Diameter	0.500 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1425 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

NP4310L

CAT.NO.	L1206-50				
SPEC.	34F351R753				
HP	.33/KW .25	PH	1		
VOLTS	110/220				
AMPS	4/2				
R.P.M. (1/MIN)	1440				
FRAME	48	HZ	50	I.P.	23
SER.F.	1.35	CODE	K	DES.	-
				CLASS	B
F.L. AVG. EFF.	68.5	P.F.	81		
CC		USABLE AT 208V	N/A		
RATING	40C AMB-S1 CONT		WT.	11KG	
DE	6203	ODE	6203		
ENCL	OPEN	SN			
	SFA IC01				
	IE2-50HZ 67 (75%),59 (50%)				

AC Induction Motor Performance Data

Record # 101558

Typical performance - not guaranteed values

Winding: 34WGR753-R001		Type: 3418LC	Enclosure: OPEN	
Nameplate Data			220 V, 50 Hz: High Voltage Connection	
Rated Output (KW)	.25	Full Load Torque	1.219 LB-FT	
Volts	110/220	Start Configuration	direct on line	
Full Load Amps	4/2	Breakdown Torque	3.6 LB-FT	
R.P.M.	1440	Pull-up Torque	3.51 LB-FT	
Hz	50 Phase	1	Locked-rotor Torque	4.85 LB-FT
NEMA Design Code	- KVA Code	K	Starting Current	13.4 A
Service Factor (S.F.)		1.35	No-load Current	1.28 A
NEMA Nom. Eff.	68.5 Power Factor	81	Line-line Res. @ 25°C	7.0277 Ω A Ph 4.2595 Ω B Ph
Rating - Duty		40C AMB-CONT	Temp. Rise @ Rated Load	33°C
S.F. Amps		5/2.5	Temp. Rise @ S.F. Load	43°C

Load Characteristics 220 V, 50 Hz, 0.25 KW

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	51	65	75	81	86	88	87
Efficiency	42.3	59.1	67.6	71.3	72.3	71.9	72.1
Speed	1485.9	1475.4	1462.6	1448.8	1433.1	1415	1426
Line amperes	1.33	1.46	1.69	1.96	2.29	2.67	2.44

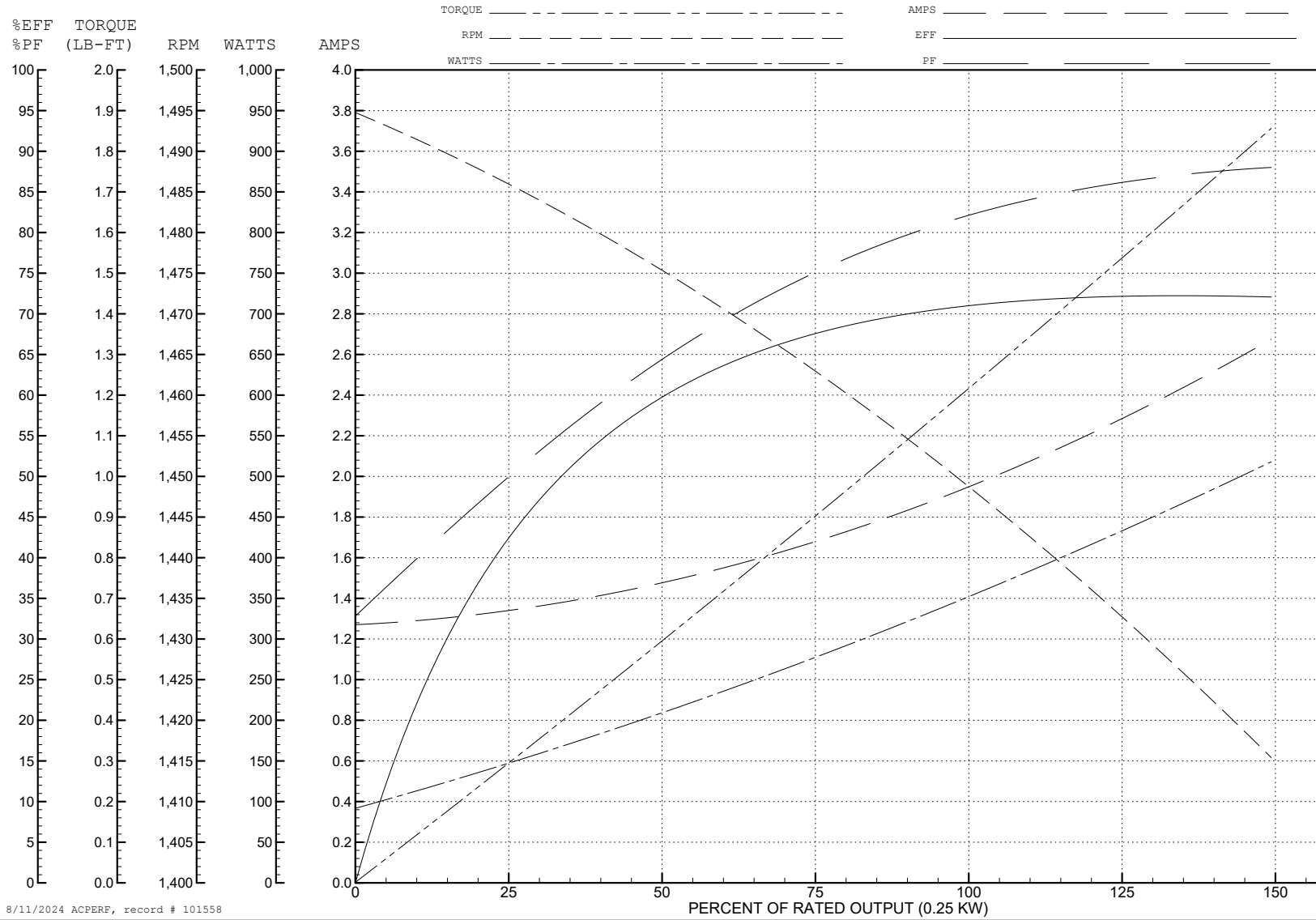
ABB Motors and Mechanical Inc.

WINDING # 34WGR753

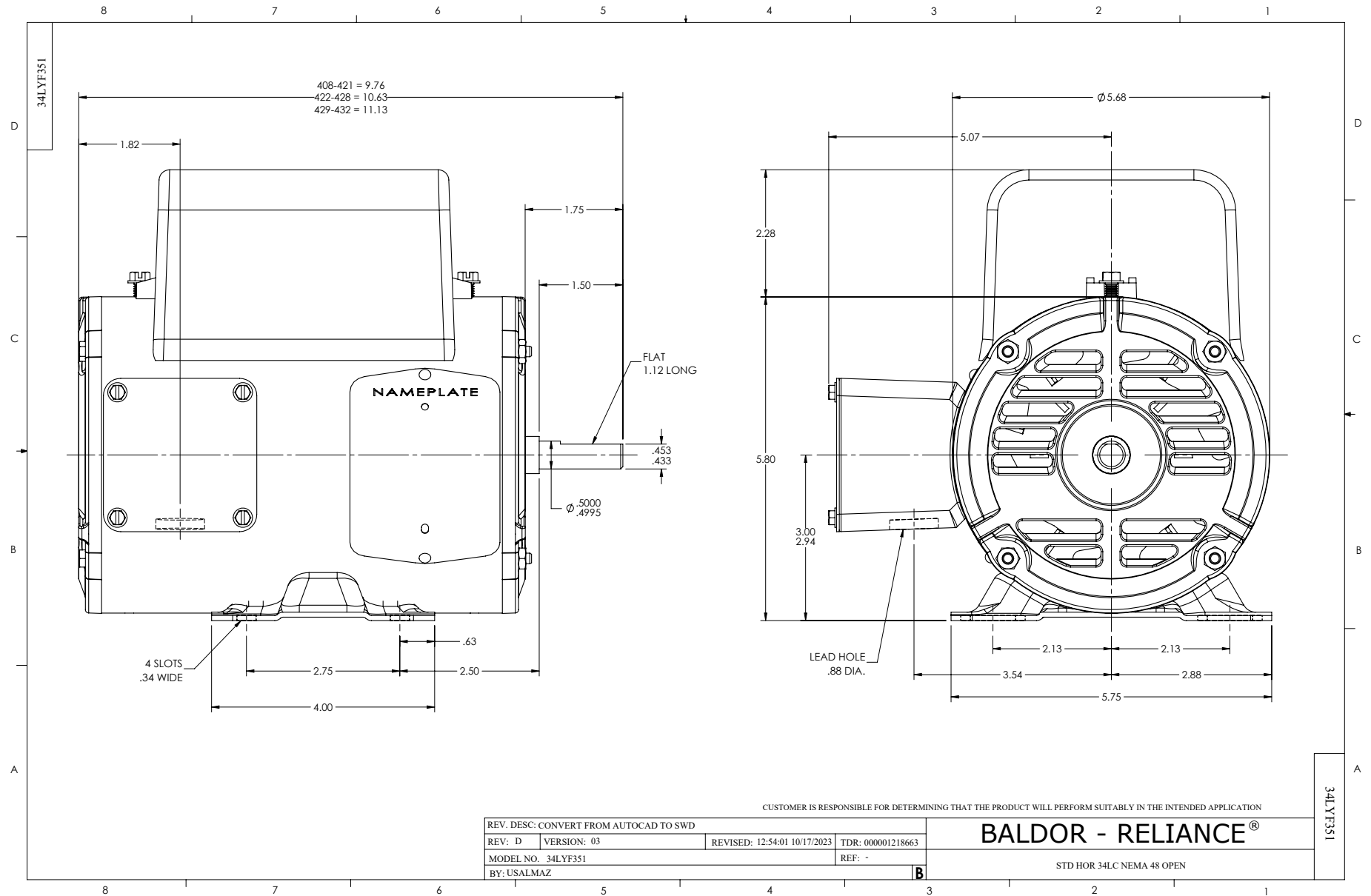
0.25 KW 1 PH 50 HZ 1440 RPM 220 V 3418LC

Typical performance - not guaranteed values.

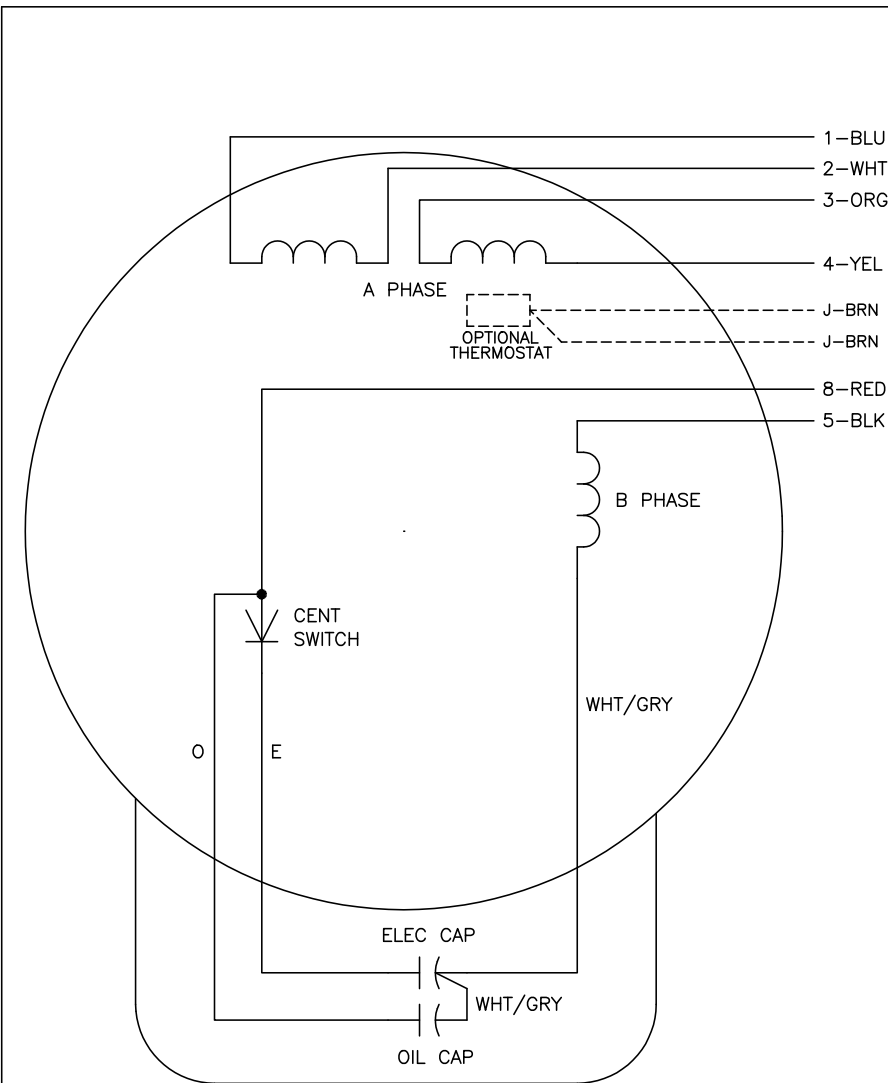
TORQUES (LB-FT): PO=3.6 PU=3.51 LR=4.85 LRA=13.4



8/11/2024 ACPERF, record # 101558



CD0055



	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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: D	BY: JLP	REVISED: 04/08/99 1:17	TDR: 0178636
C00000		FILE: AAA00007414	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

TYPE LC, DV, REV, 6 LEADS

CD0055