



Customer information packet

EL11306

.75HP, 3450RPM, 1PH, 60HZ, 56, 3428LC, ODP, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	ODP
Frame	56
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	.750 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	115.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	CURUSEEV 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	3.300 A @ 230.0 V 6.300 A @ 115.0 V
Design Code	N
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	76.2 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater

Part detail

Revision	K
Type	AC
Mech. spec.	34F353
Base	
Status	PRD/A
Elec. spec.	34WGS943
Layout	34LYF353
Eff. date	12-31-2024
CD Diagram	CD0055
Poles	02
Leads	6#18
Proprietary	False
Created date	02-28-2014

High Voltage Full Load Amps	3.3 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	J
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	6 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3428LC
Mounting Arrangement	F1
Number of Poles	2
Overall Length	11.00 IN
Power Factor	95
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	1.25
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	3450 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
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Nameplate

NP3155L										
CAT.NO.	EL11306									
SPEC.	34F353S943G1									
HP	.75									
VOLTS	115/230									
AMP	6.3/3.3									
RPM	3450									
FRAME	56		HZ	60			PH	1		
SER.F.	1.25	CODE	J	DES	N	CL	F			
F.L. AVG. EFF.	76.2	PF	95							
RATING	40C AMB-CONT									
CC										
DE	6203		ODE	6203						
ENCL	ODP	SN								
	SFA 8.4/4.2									

AC Induction Motor Performance Data

Record # 44911

Typical performance - not guaranteed values

Winding: 34WGS943-R001			Type: 3428LC		Enclosure: OPEN			
Nameplate Data			230 V, 60 Hz: High Voltage Connection					
Rated Output (HP)		.75	Full Load Torque		1.14 LB-FT			
Volts		115/230	Start Configuration		direct on line			
Full Load Amps		6.6/3.3	Breakdown Torque		3.88 LB-FT			
R.P.M.		3450	Pull-up Torque		2.07 LB-FT			
Hz	60	Phase	1	Locked-rotor Torque		3.92 LB-FT		
NEMA Design Code		N	KVA Code	J	Starting Current		24.8 A	
Service Factor (S.F.)		1.25		No-load Current		0.961 A		
NEMA Nom. Eff.		76.2	Power Factor		95	Line-line Res. @ 25°C		2.4012 Ω A Ph 2.118 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		12°C		
S.F. Amps		8.4/4.2		Temp. Rise @ S.F. Load		16°C		

Load Characteristics 230 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	77	89	93	95	95	95	95
Efficiency	62.6	74.2	78.2	77.5	76.1	74.7	76.1
Speed	3567.6	3537.1	3504.2	3465	3419.8	3372.1	3420
Line amperes	1.23	1.84	2.51	3.32	4.21	5.14	4.21

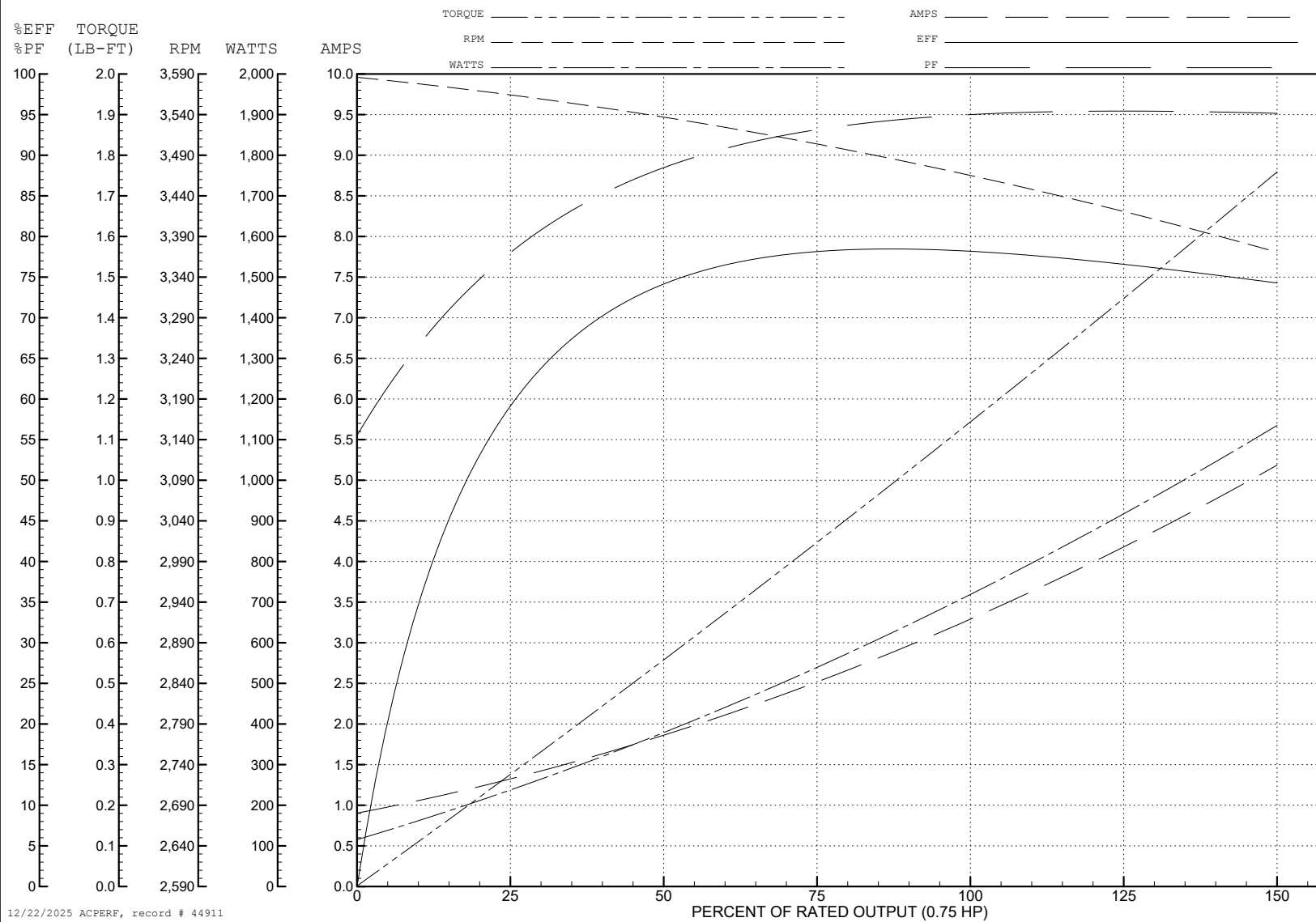
ABB Motors and Mechanical Inc.

WINDING # 34WGS943

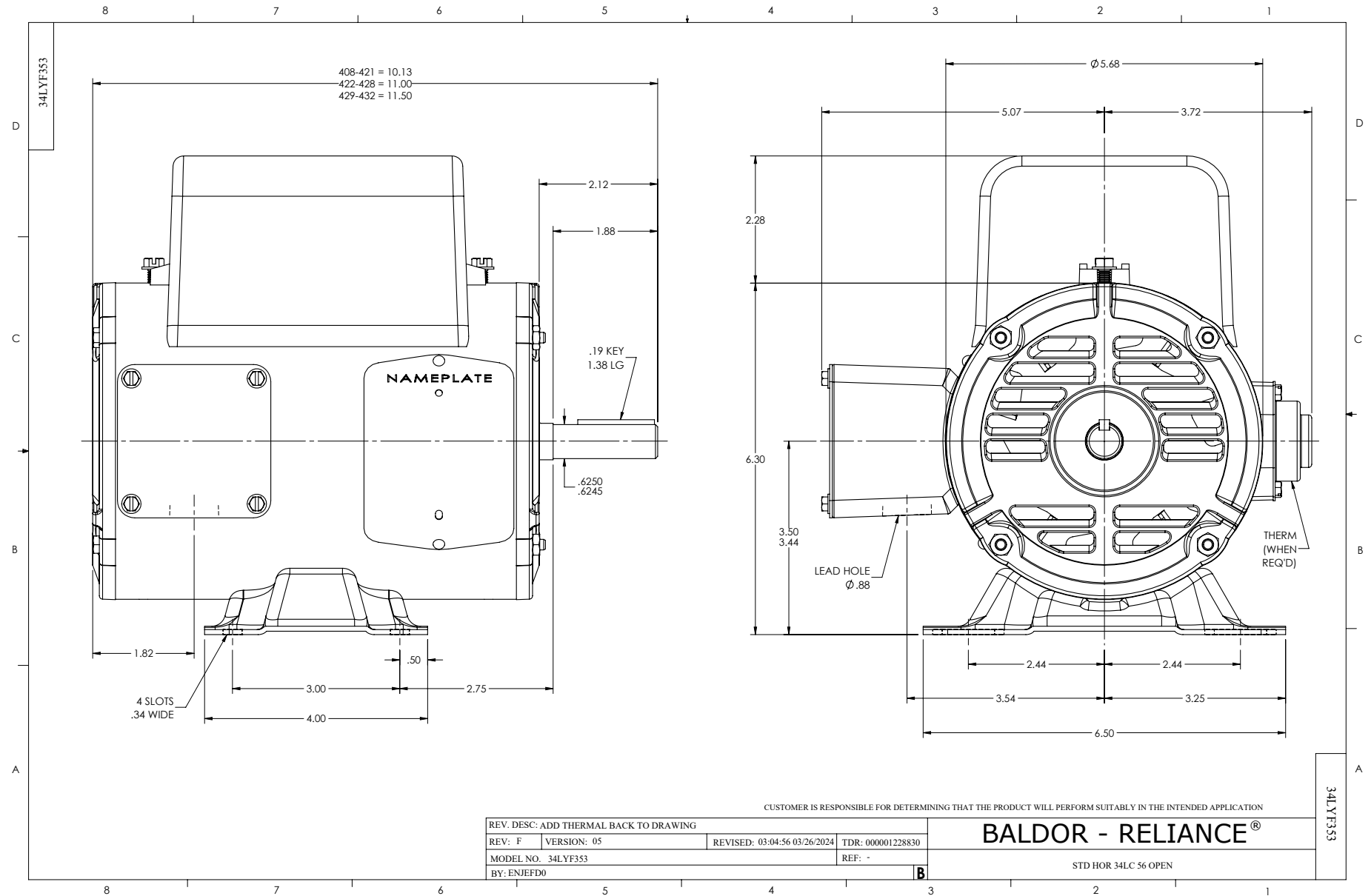
Typical performance - not guaranteed values.

0.75 HP 1 PH 60 HZ 3450 RPM 230 V 3428LC

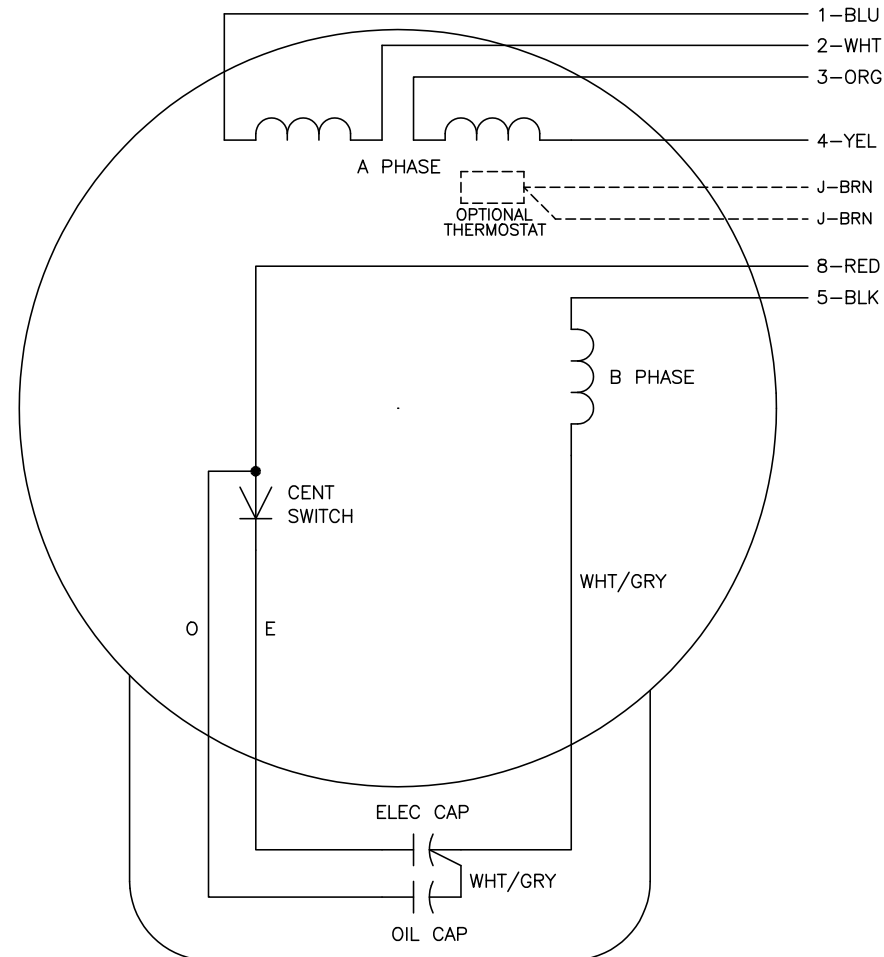
TORQUES (LB-FT): PO=3.88 PU=2.07 LR=3.92 LRA=24.8



12/22/2025 ACPERF, record # 44911



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
CD0055		FILE: AAA00007414	MDL: —
		MTL: —	

BALDOR ELECTRIC Co.

TYPE LC, DV, REV, 6 LEADS

CD00055