ABB BALDOR RELIANCE

Customer information packet

L3567M

1.5HP, 1725RPM, 1PH, 60HZ, 66, 3532LC, TEFC, F1
Class - None
Division - Not Applicable

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Specifications

Enclosure	TEFC
Frame	66
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	1.500 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	208.0 V @ 60 HZ
	115.0 V @ 60 HZ
Agency Approvals	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	8.000 A @ 230.0 V
	7.900 A @ 208.0 V
	16.000 A @ 115.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	75.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None

Part Detail

Revision	AS
Type	AC
Mech. spec.	35E064
Base	
Status	NLA/A
Elec. spec.	35WGW114
Layout	35LYE064
Eff. date	01-18-2023
CD Diagram	CD0016A02
Poles	04
Leads	4#16 A&J,3#18 B PH,1#14 #4TH
Proprietary	False
Created date	01-01-0001

Heater Indicator	No Heater
High Voltage Full Load Amps	7.9 a
Insulation Class	B
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	4 @ 16 AWG, A&J
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3532LC
Mounting Arrangement	F1
Number of Poles	4
Overall Length	14.38 IN
Power Factor	80
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	1.00
Shaft Diameter	0.750 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1725 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Do Not Use
Vibration Sensor Indicator	No Vibration Sensor

Winding Thermal 1	Manual Thermal Overload
Winding Thermal 1 Location	SB
Winding Thermal 2	None

Nameplate

NP1257L									
CAT.NO.									
SPEC.	35E64W114								
HP	1.5								
VOLTS	115/208-230								
AMP	16/7.9-8								
RPM	1725								
FRAME	66	**HZ**	60	**PH**	1				
SER.F.	1.00	**CODE**	J	**DES**	L	**CL**	B		
NEMA-NOM-EFF	75.5	**PF**	80						
RATING	40C AMB-CONT								
CC									
DE	6205	**ODE**	6203						
ENCL	TEFC	**SN**							

Accessories

Part number	Description	Multiplier
35-8762	C FACE KIT	A8
35EP1506A01SP	D-FLANGE KIT	A8

AC Induction Motor Performance Data
Record # 36867
Typical performance - not guaranteed values

Winding: 35WGW114-R004	**Type:** 3532LC	**Enclosure:** TEFC

Nameplate Data				**115 V, 60 Hz: Low Voltage Connection**	
Rated Output (HP)			1.5	**Full Load Torque**	4.5 LB-FT
Volts			115/208-230	**Start Configuration**	direct on line
Full Load Amps			16/7.9-8	**Breakdown Torque**	14.5 LB-FT
R.P.M.			1725	**Pull-up Torque**	11.5 LB-FT
Hz	60	**Phase**	1	**Locked-rotor Torque**	15 LB-FT
NEMA Design Code	L	**KVA Code**	J	**Starting Current**	114 A
Service Factor (S.F.)			1	**No-load Current**	10.4 A
NEMA Nom. Eff.	75.5	**Power Factor**	80	**Line-line Res. @ 25ºC**	0.354 Ω A Ph 1.12 Ω B Ph
Rating - Duty			40C AMB-CONT	**Temp. Rise @ Rated Load**	76°C

Load Characteristics 115 V, 60 Hz, 1.5 HP

% of Rated Load	**25**	**50**	**75**	**100**	**125**	**150**
Power Factor	40	58	72	80	84	88
Efficiency	59.4	71.7	76.2	76.7	75.8	73.4
Speed	1784	1773	1759	1743	1726	1706
Line amperes	10.6	11.8	13.4	15.8	18.8	22

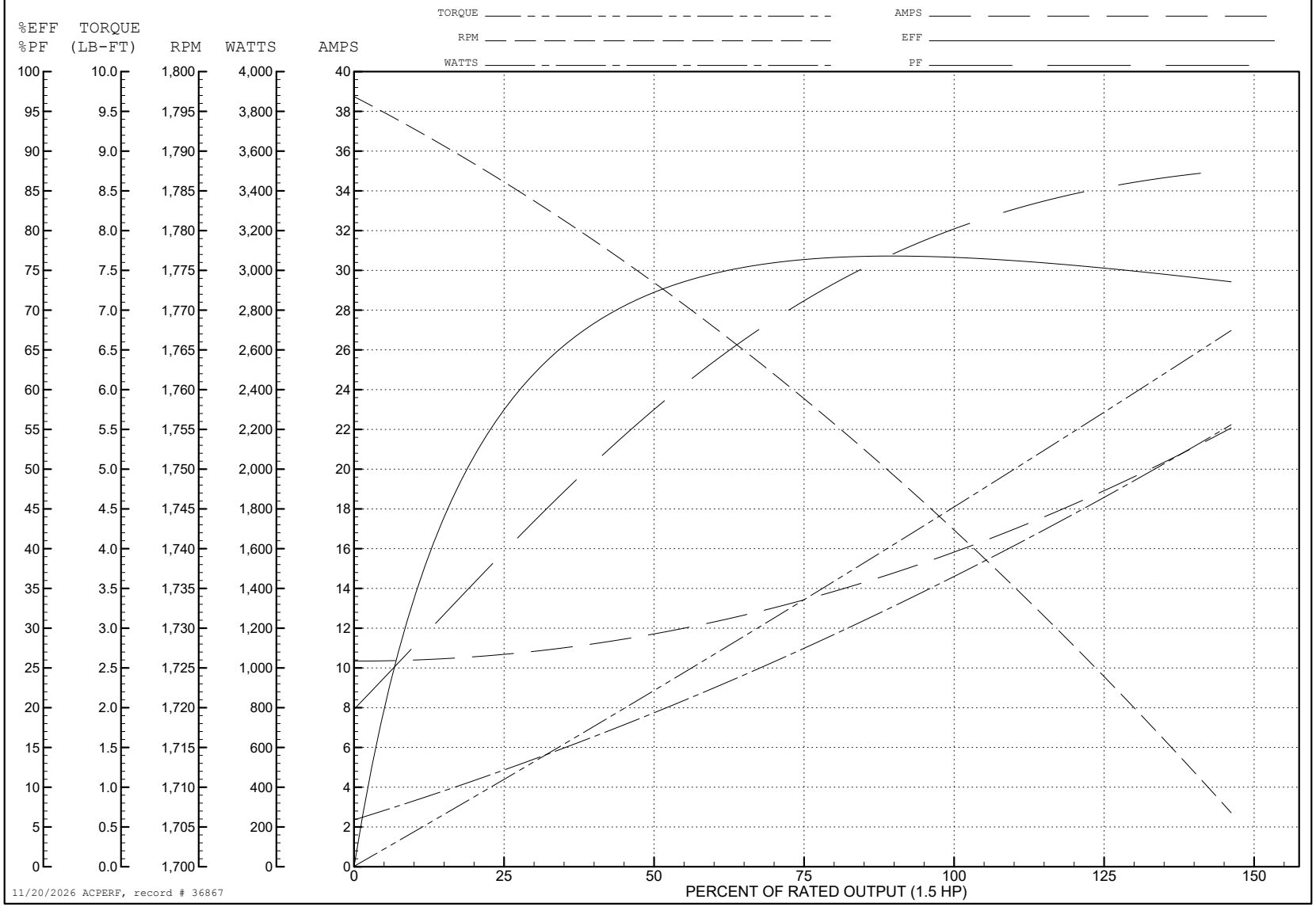
ABB Motors and Mechanical Inc.

WINDING # 35WGW114

1.5 HP 1 PH 60 HZ 1725 RPM 115 V 3532LC

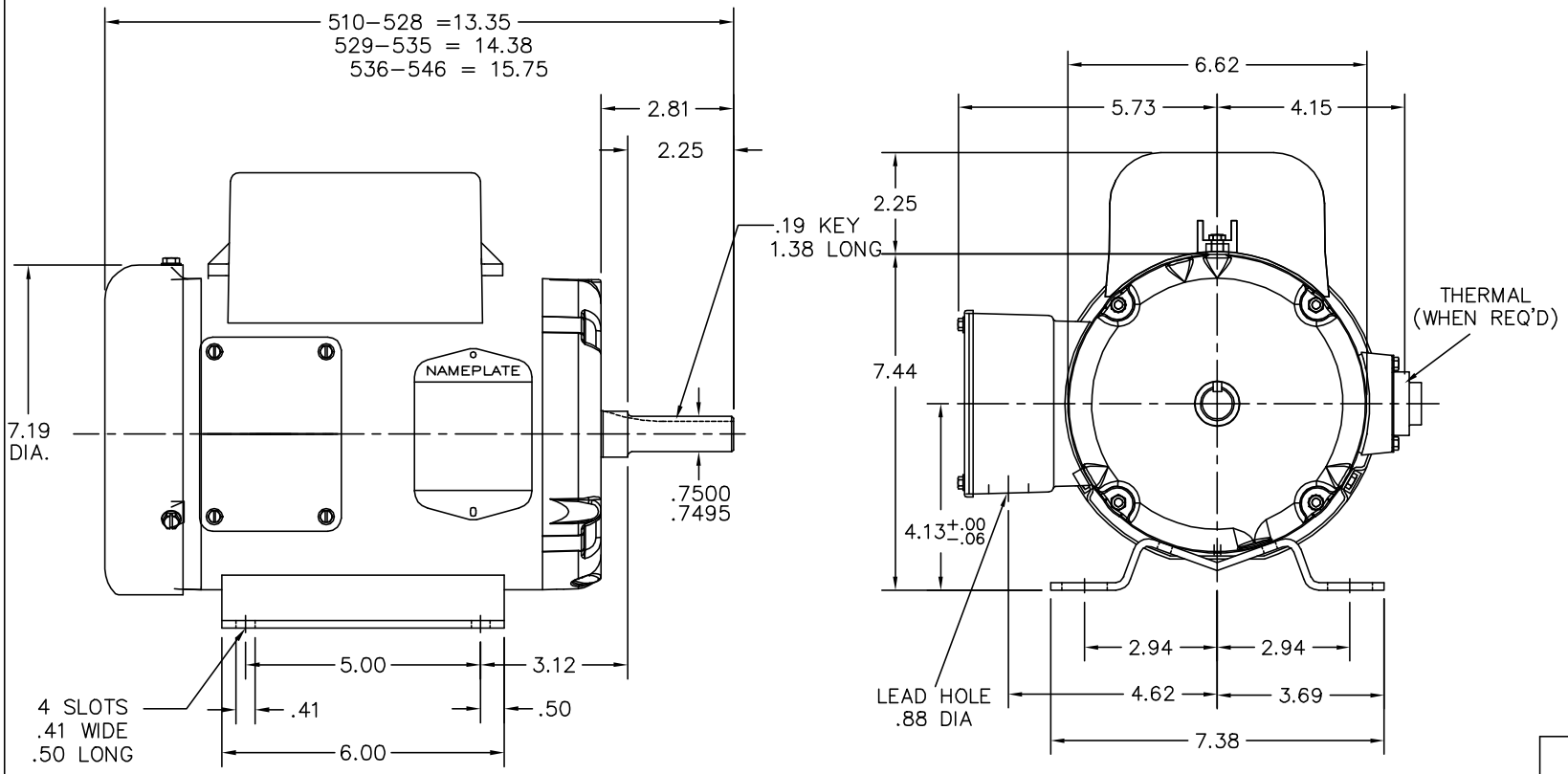
Typical performance - not guaranteed values.

TORQUES(LB-FT): PO=14.5 PU=11.5 LR=15 LRA=114



11/20/2026 ACPERF, record # 36867

35LYE064



35LYE064

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

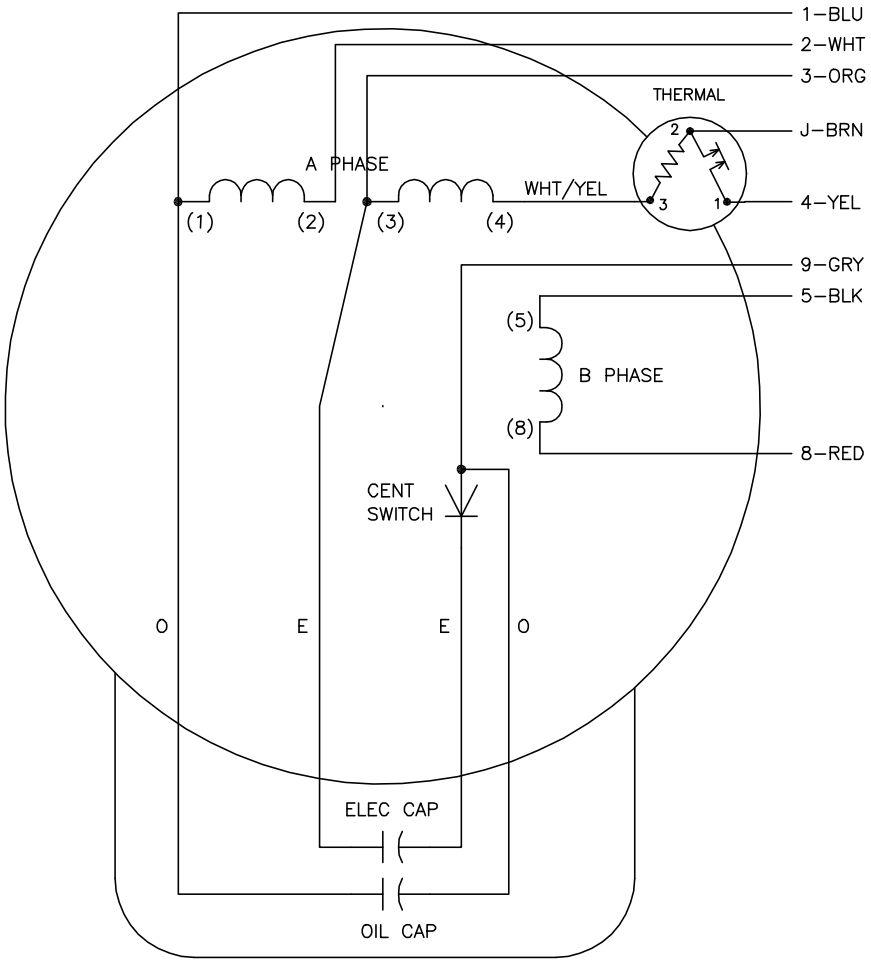
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REV. LTR: K	VERSION: 02	TDR: 000001063223
FILE: \AAA\00005\592	REVISED: 02:53:31 03/07/2018	BY: USJOBUR22
MTL: –		

BALDOR

STD HORZ 66 35LC TEFC

SH 1 of 1

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	LINE A	LINE B	JOIN	JOIN	JOIN
HIGH STD	1	4	2,3	8,9	J,5
HIGH OPP	1	4	2,3	5,9	J,8
LOW STD	1,3	4	8,9	2,J,5	–
LOW OPP	1,3	4	5,9	2,J,8	–

NOTES:

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

REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION			BALDOR ELECTRIC Co.
REV. LTR: F	VERSION: 01	TDR: 000000373039	
CD0016A02	FILE: \AAA\00007\411	REVISED: 10:13:25 08/11/2005	TYPE LC, DV, REV, OIL CAP ACR. LINE, THERMAL, 8 LEADS
	MTL: –	BY: ENJOEP0	

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