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Product Information Packet

VEL11308

.75HP,1140RPM,1PH,60HZ,56C,3530LC,ODTF,F

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Part Detail							
Revision:	D	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3530LC	**Elec. Spec:**	35WGN667	**CD Diagram:**	CD0055
Enclosure:	ODTF	**Mfg Plant:**		**Mech. Spec:**	35E019	**Layout:**	35LYE019
Frame:	56C	**Mounting:**	F1	**Poles:**	06	**Created Date:**	09-30-2014
Base:	N	**Rotation:**	R	**Insulation:**	B	**Eff. Date:**	09-10-2015
Leads:	6#18					**Replaced By:**	
Literature:		**Elec. Diagram:**					

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Nameplate NP3155L

CAT.NO.	VEL11308								
SPEC.	35E019N667G1								
HP	.75								
VOLTS	115/230								
AMP	6.2/3.1								
RPM	1140								
FRAME	56C		**HZ**	60			**PH**	1	
SER.F.	1.00		**CODE**	G	**DES**	L	**CL**	B	
F.L. AVG. EFF.	80.2		**PF**	99					
RATING	40C AMB-CONT								
CC					**USABLE AT 208V**				
DE	6205		**ODE**	6203					
ENCL	ODTF	**SN**							

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Parts List

Part Number	Description	Quantity
SA287867	SA 35E019N667G1	1.000 EA
RA274070	RA 35E019N667G1	1.000 EA
OC3060C09	CYL OIL CAP 60MFD/240V	1.000 EA
EC1340C06	ELEC CAP, 340-408MFD, 250V, 2.06D X 4.	1.000 EA
WD3006A01	RSS-2-103JT 2W 10K RES. METAL OXIDE 5%	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3007	35 CB CASTING W/.88 DIA. LEAD HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35EP3201A04SP	SPL FR EP-OPEN-35L OR M -203 BRG-W/DRIP	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
35CB3801	CAPACITOR COVER, CAST	1.000 EA
HA7010	CAPACITOR RETENTION CLAMP	1.000 EA
NS2501A02	INSULATOR, CAPACITOR BOX	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
35EP3400A13	STD FACE MTD END PLATE OPEN NEMA 56C 05	1.000 EA
35AD2000	AIR BAFFLE	1.000 EA
60XW0632A06	6-32 X 3/8 TORX HEAD SCREW TAPTITE II	4.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
35FN3002A05	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH4006A01SP	DRIP COVER,STAMPED,W/ PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA

Parts List (continued)

Part Number	Description	Quantity
35CB4521	35 LIPPED CB LID (GALV & PHOSPH)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	4.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000Y03	MUNSELL 2.53Y 6.70/ 4.60, GLOSS 20,	0.017 GA
HA3100A18	THRUBOLT 10-32 X 9.250	4.000 EA
SP5181A01	MODEL 35 LC TORQ STAT SWITCH LEAD ASSY	1.000 EA
LC0001A01	CONN LABEL / WARNING LABEL (LC0001 / LB1	1.000 EA
NP3155L	ALUM SUPER-E UL CSA CC "SEMS"	1.000 EA
36PA1000	PKG GRP, PRINT PK1016A06	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA

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AC Induction Motor Performance Data

Record # 50327 - Typical performance - not guaranteed values

Winding: 35WGN667-R003	**Type:** 3530LC	**Enclosure:** ODTF

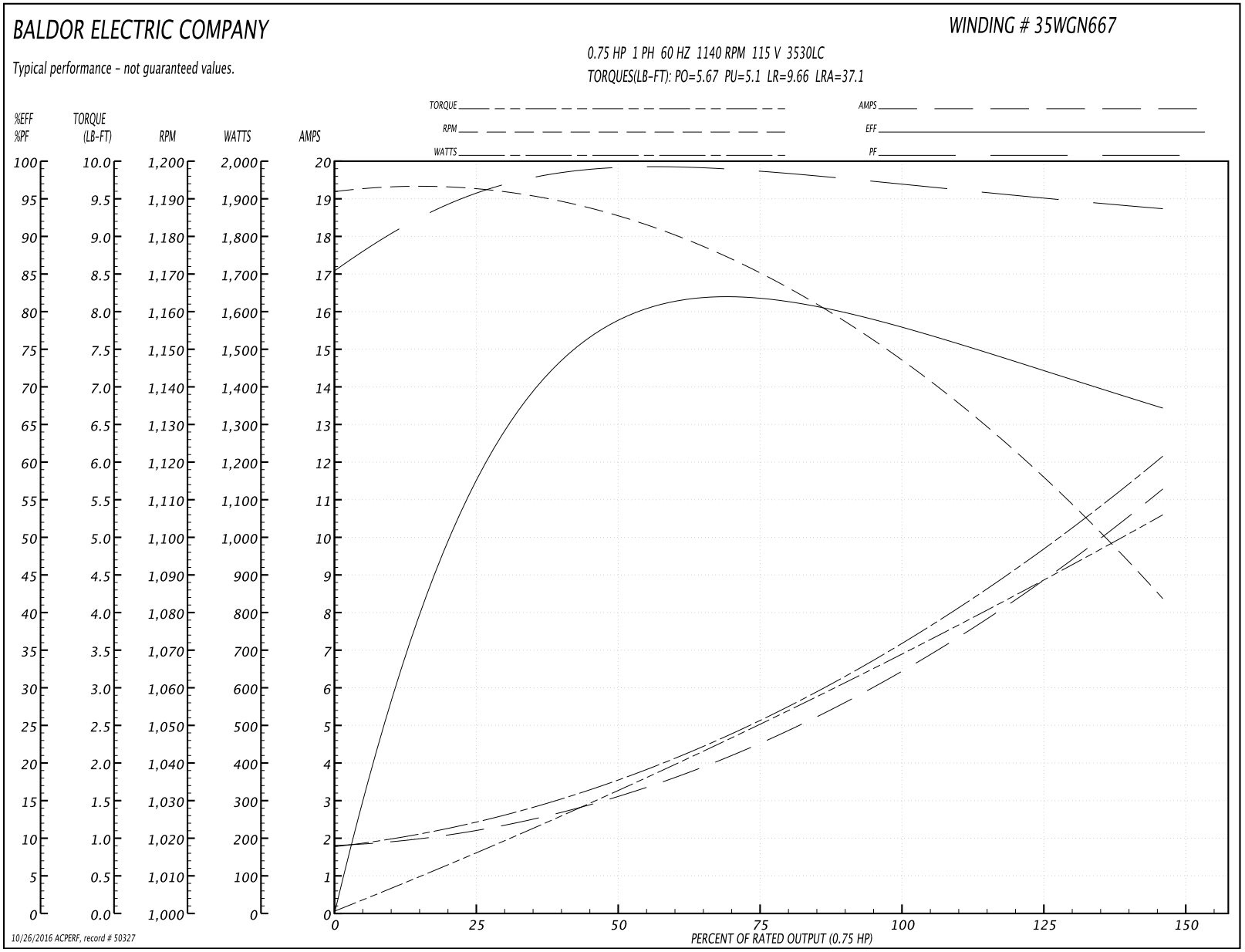
Nameplate Data				115 V, 60 Hz: Low Voltage Connection	
Rated Output (HP)	.75			Full Load Torque	3.43 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	6.2/3.1			Breakdown Torque	5.67 LB-FT
R.P.M.	1140			Pull-up Torque	5.1 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	9.66 LB-FT
NEMA Design Code	L	KVA Code	G	Starting Current	37.1 A
Service Factor (S.F.)	1			No-load Current	1.46 A
NEMA Nom. Eff.	80.2	Power Factor	99	Line-line Res. @ 25ºC	1.4593 Ω A Ph 1.9134 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	35°C

Load Characteristics 115 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	93	96	99	99	97	93
Efficiency	52.8	71.7	79.5	81	77.6	64.2
Speed	1189.2	1179.6	1167.4	1150.5	1130.2	1072.7
Line amperes	2.47	3.55	4.62	6.12	8.17	11.9

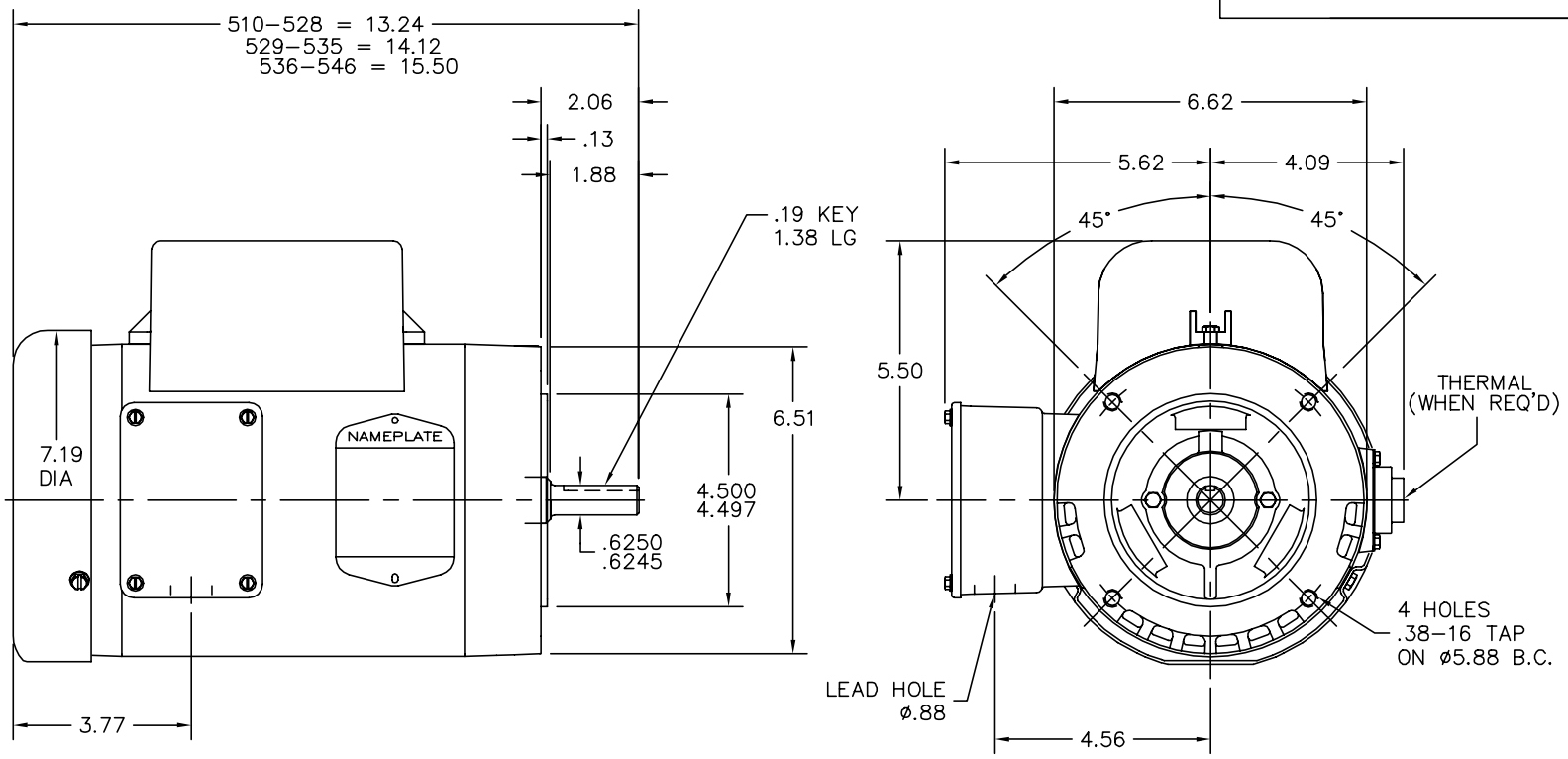
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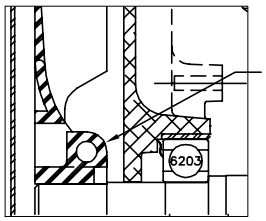
Performance Graph at 115V, 60Hz, 0.75HP Typical performance - Not guaranteed values



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35LYE019





INSTALL EXTERNAL FAN WITH BLADES
TOWARDS FRONT ENDPLATE

FRONT END DETAIL

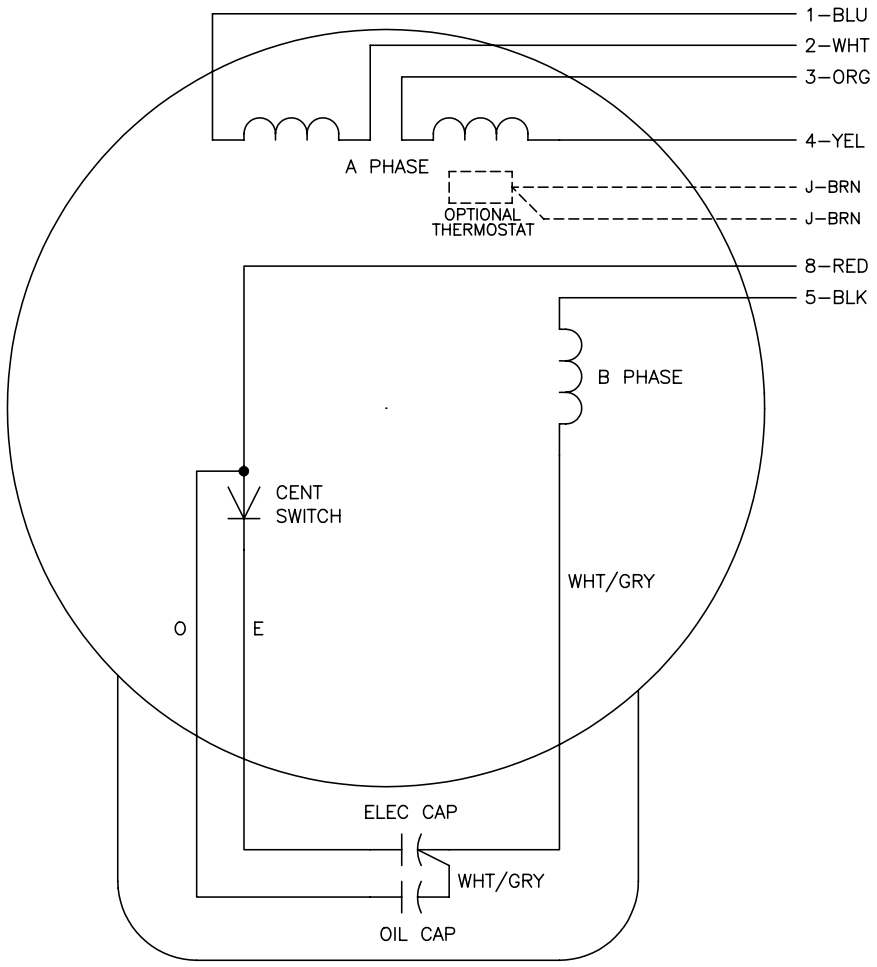
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: UPDATE KOLD GRAPHICS			BALDOR • DODGE • RELIANCE
REV. LTR: Q	VERSION: 04	TDR: 000000486011	
FILE: \AAA\00005\581		REVISED: 15:11:12 12/31/2008	STD VERT 56C ODTF 35LC
MTL: –		BY: ENCHEB0	SH 1 of 1

35LYE019

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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

CD0055

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