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Product Information Packet

KENM3535

.33HP,1150RPM,3PH,60HZ,56C,3520M,TENV,F1

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Part Detail							
Revision:	P	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3520M	**Elec. Spec:**	35WGP535	**CD Diagram:**	CD0005
Enclosure:	TENV	**Mfg Plant:**		**Mech. Spec:**	35E010	**Layout:**	35LYE010
Frame:	56C	**Mounting:**	F1	**Poles:**	06	**Created Date:**	12-03-2007
Base:	N	**Rotation:**	R	**Insulation:**	F	**Eff. Date:**	09-14-2016
Leads:	9#18					**Replaced By:**	
Literature:		**Elec. Diagram:**					

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Nameplate NP2116L

CAT.NO.	KENM3535								
SPEC.	35E010P535G2								
HP	.33								
VOLTS	230/460								
AMP	1.2/.6								
RPM	1150								
FRAME	56C	**HZ**	60	**PH**	3				
SER.F.	1.15	**CODE**	K	**DES**	B	**CL**	F		
NEMA-NOM-EFF	81.5	**PF**	69						
RATING	40C AMB-CONT								
CC		**USABLE AT 208V**	1.2						
DE	6205	**ODE**	6203						
ENCL	TENV	**SN**							

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Parts List

Part Number	Description	Quantity
SA166095	SA 35E010P535G2	1.000 EA
RA154476	RA 35E010P535G2	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3007	35 CB CASTING W/.88 DIA. LEAD HOLE	1.000 EA
36GS1000	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	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
35EP3100M69	STD FR EP-TENV-35L OR M--203 BRG	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3300A33	SPL FACE MTD EP -ENCL-205 BRG	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
35CB4521GX	CONDUIT BOX LID KIT	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
MG1000Y03	MUNSELL 2.53Y 6.70/ 4.60, GLOSS 20,	0.017 GA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP2116L	ALUM SUPER-E UL CSA CC	1.000 EA
35PA1066	PKG GRP, PRINT PK1008A06	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1000/bx) 11/14	1.000 EA

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AC Induction Motor Performance Data

Record # 36543 - Typical performance - not guaranteed values

Winding: 35WGP535-R003	**Type:** 3520M	**Enclosure:** TENV

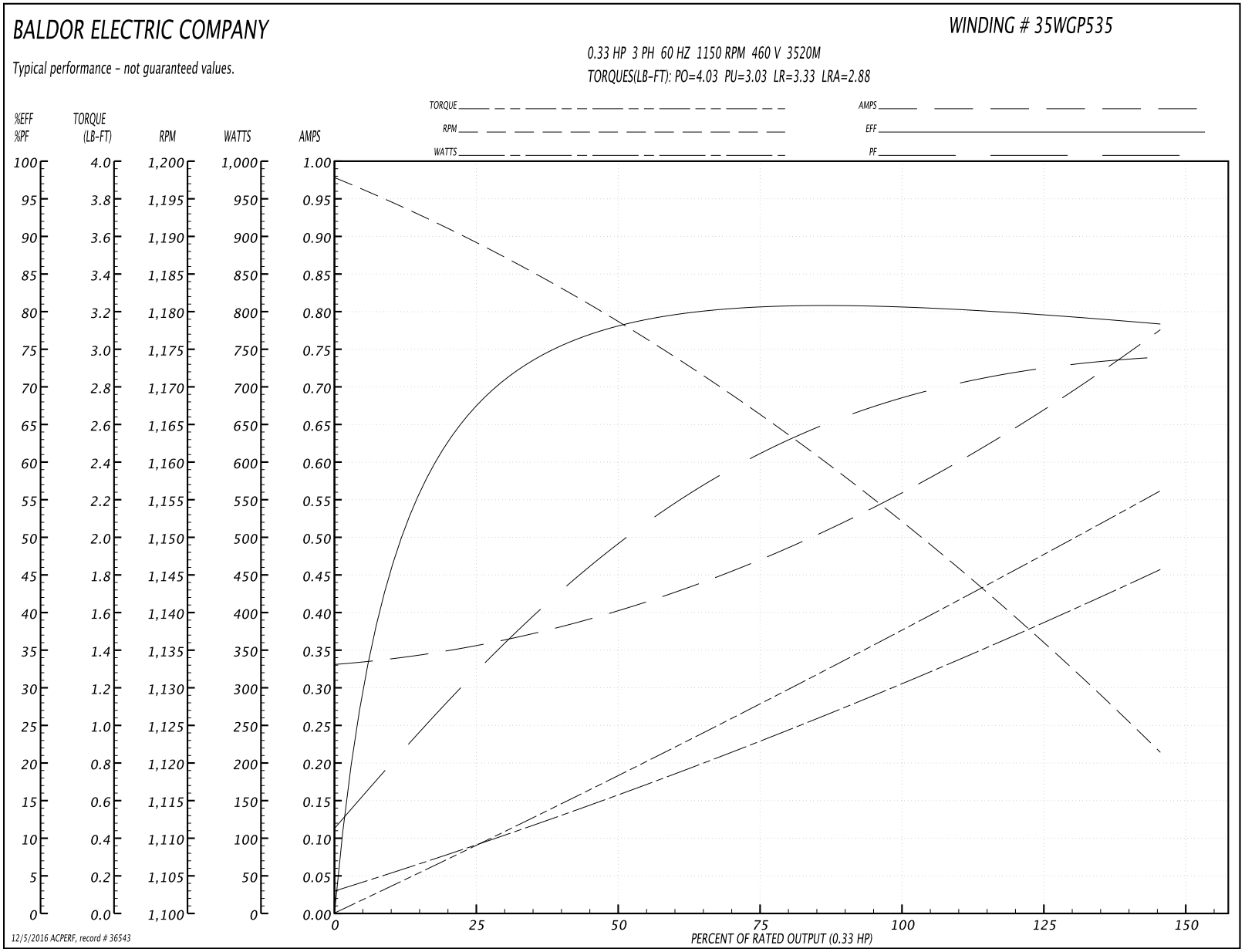
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.33			Full Load Torque	1.49 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	1.2/.6			Breakdown Torque	4.03 LB-FT
R.P.M.	1150			Pull-up Torque	3.03 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	3.33 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	2.88 A
Service Factor (S.F.)	1.15			No-load Current	0.329 A
NEMA Nom. Eff.	81.5	Power Factor	69	Line-line Res. @ 25ºC	56 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	
				Locked-rotor Power Factor	44
				Rotor inertia	0.119 LB-FT2

Load Characteristics 460 V, 60 Hz, 0.33 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	33	50	61	69	72	74	71
Efficiency	66.9	77.7	80.7	80.8	80.2	78.1	80.4
Speed	1189	1178	1166	1153	1138	1121	1144
Line amperes	0.361	0.401	0.474	0.551	0.661	0.776	0.617

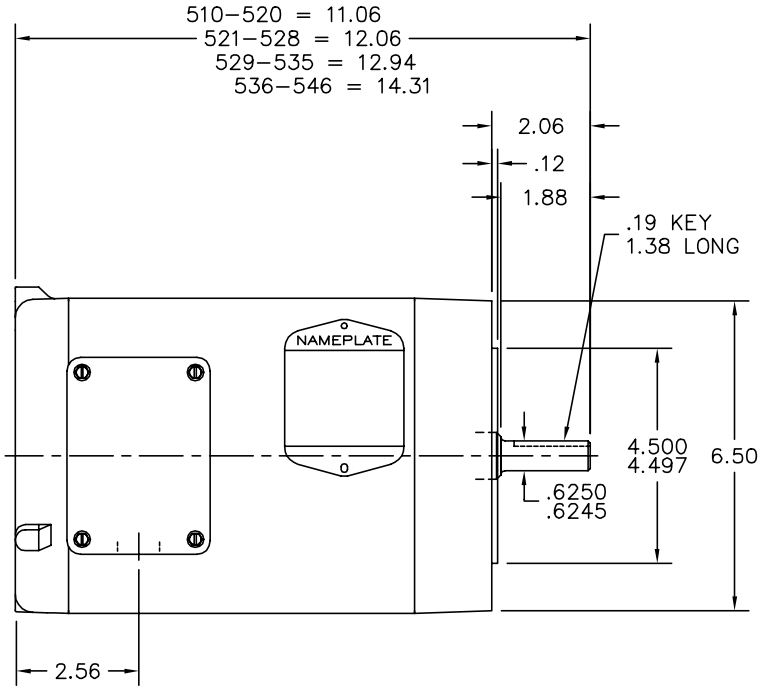
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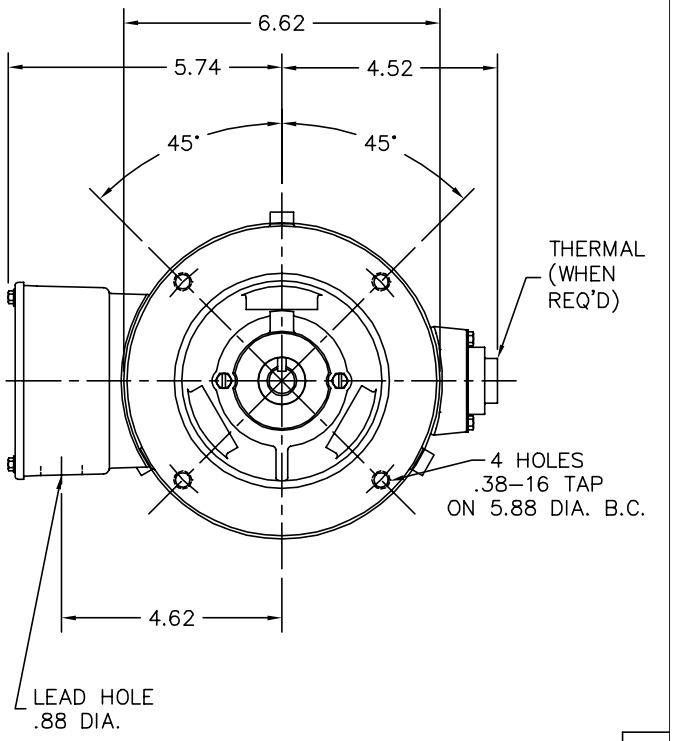
Performance Graph at 460V, 60Hz, 0.33HP Typical performance - Not guaranteed values



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35LYE010





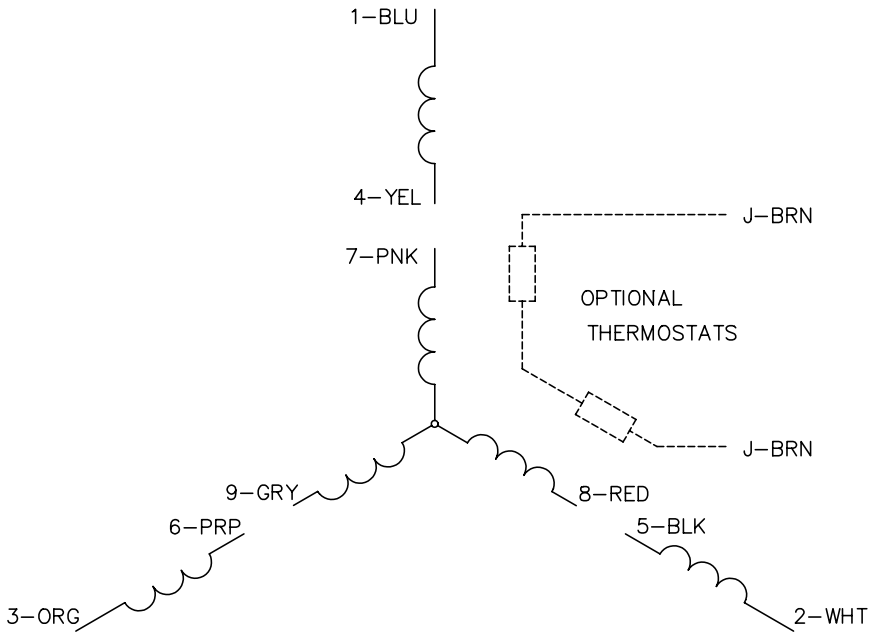
35LYE010

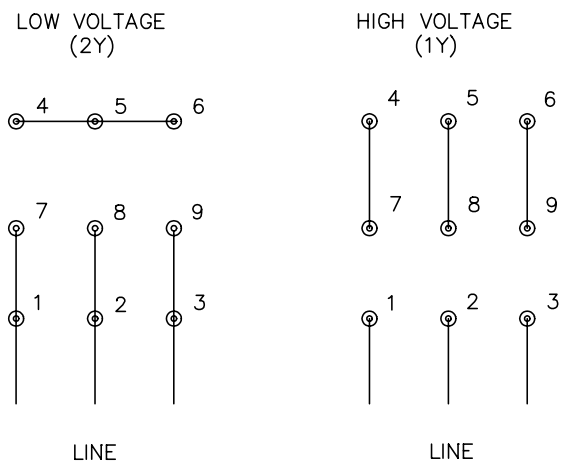
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: UPDATE KOLD GRAPHICS			BALDOR • DODGE • RELIANCE
REV. LTR: H	VERSION: 04	TDR: 000000486011	
FILE: \AAA\00027\338		REVISED: 14:58:02 12/31/2008	STD VERT 56C TENV 35M
MTL: –		BY: ENCHEB0	SH 1 of 1

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CD0005





NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS

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