

BALDOR® • RELIANCE

Product Information Packet

RM3157A

2HP,1725RPM,3PH,60HZ,56H,3524M,OPSB,F1

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Part Detail									
Revision:	R	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3524M	Elec. Spec:	35WGT785	CD Diagram:			
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	35N501	Layout:			
Frame:	56H	Mounting:	F1	Poles:	04	Created Date:			
Base:	RS	Rotation:	R	Insulation:	B	Eff. Date:	04-09-2012		
Leads:	12#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1257L									
CAT.NO.	RM3157A								
SPEC.	35N501T785								
HP	2								
VOLTS	208-230/460								
AMP	6-5.8/2.9								
RPM	1725								
FRAME	56H	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	B	CL	B
NEMA-NOM-EFF	81.5	PF			79				
RATING	40C AMB-CONT								
CC				USABLE AT 208V		6			
DE	6205	ODE			6203				
ENCL	OPSB	SN							

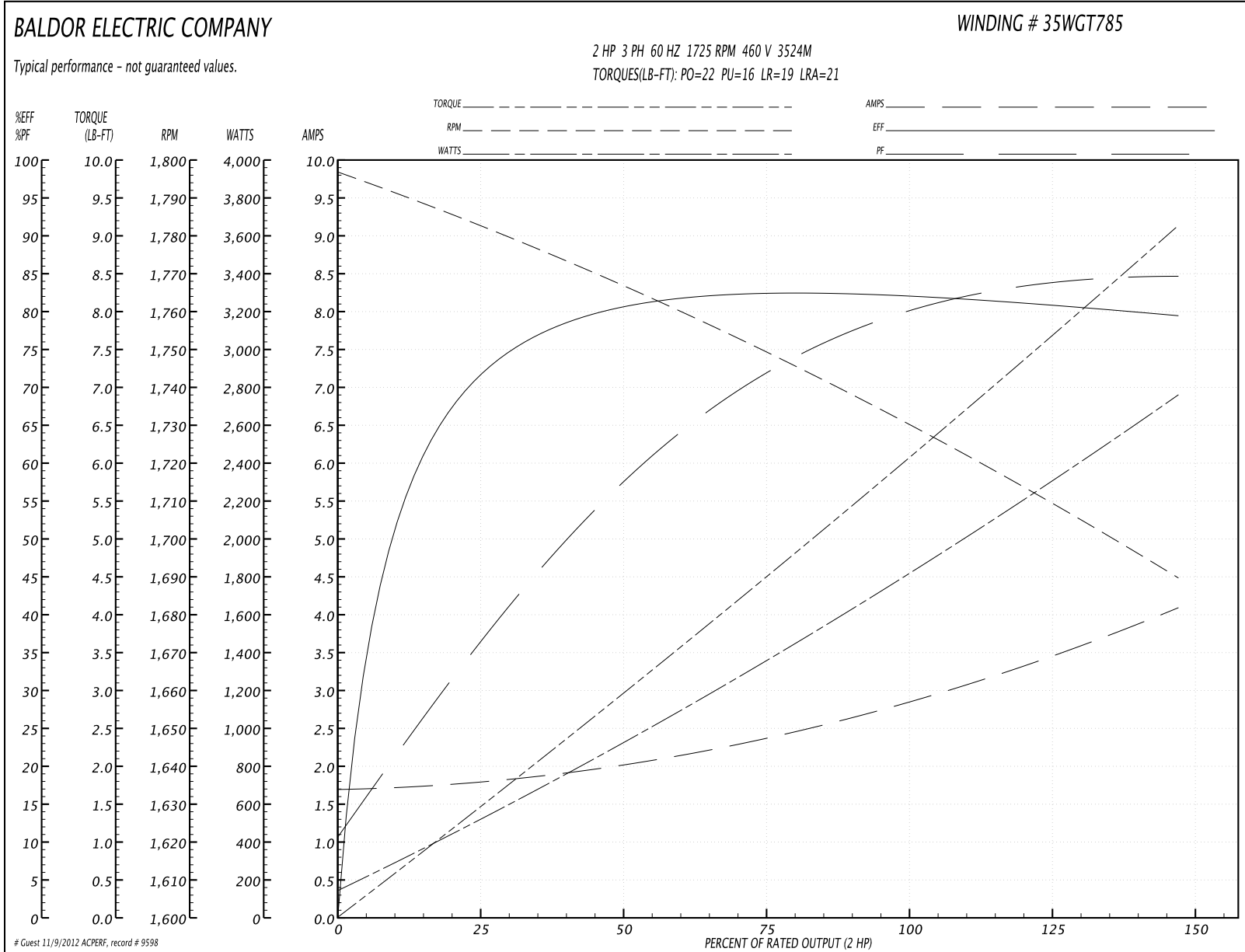
Parts List		
Part Number	Description	Quantity
SA080214	SA 35N501T785	1.000 EA
RA073621	RA 35N501T785	1.000 EA
53XT0832G07	8-32X7/16 PN STD SR TY23G X	1.000 EA
35EP3202A01	STD OPEN FR EP - RESILIENT MTD	1.000 EA
RM1000A02SP	CUSHION RING, MODEL 35 SAME AS A07	1.000 EA
HA6005A01	CLAMP, BASE	2.000 EA
51XN1032A18	10-32 X 1 1/8 HX WS SL SR (ESKAY)	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	1.000 EA
LD5000A01	LEAD ASSY, ML1400DF14 W/(2) #10 RING 7"	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	2.000 EA
HW1003A10	WASHER, #10 EX TH LK, ZN X	2.000 EA
SP1003A06	TERM. BOARD, MODE 35 SW X H-23655 SPL CU	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
WD4100A01	DP-875 HEYCO PLUG OR 62MP0875 MICRO PLAS	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP1209A01	PU ENDPLATE, MACH	1.000 EA
RM1000A02SP	CUSHION RING, MODEL 35 SAME AS A07	1.000 EA
HA6005A01	CLAMP, BASE	2.000 EA
51XN1032A18	10-32 X 1 1/8 HX WS SL SR (ESKAY)	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
35CB4500SP	TERMINAL BOX LID STAMPED	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA

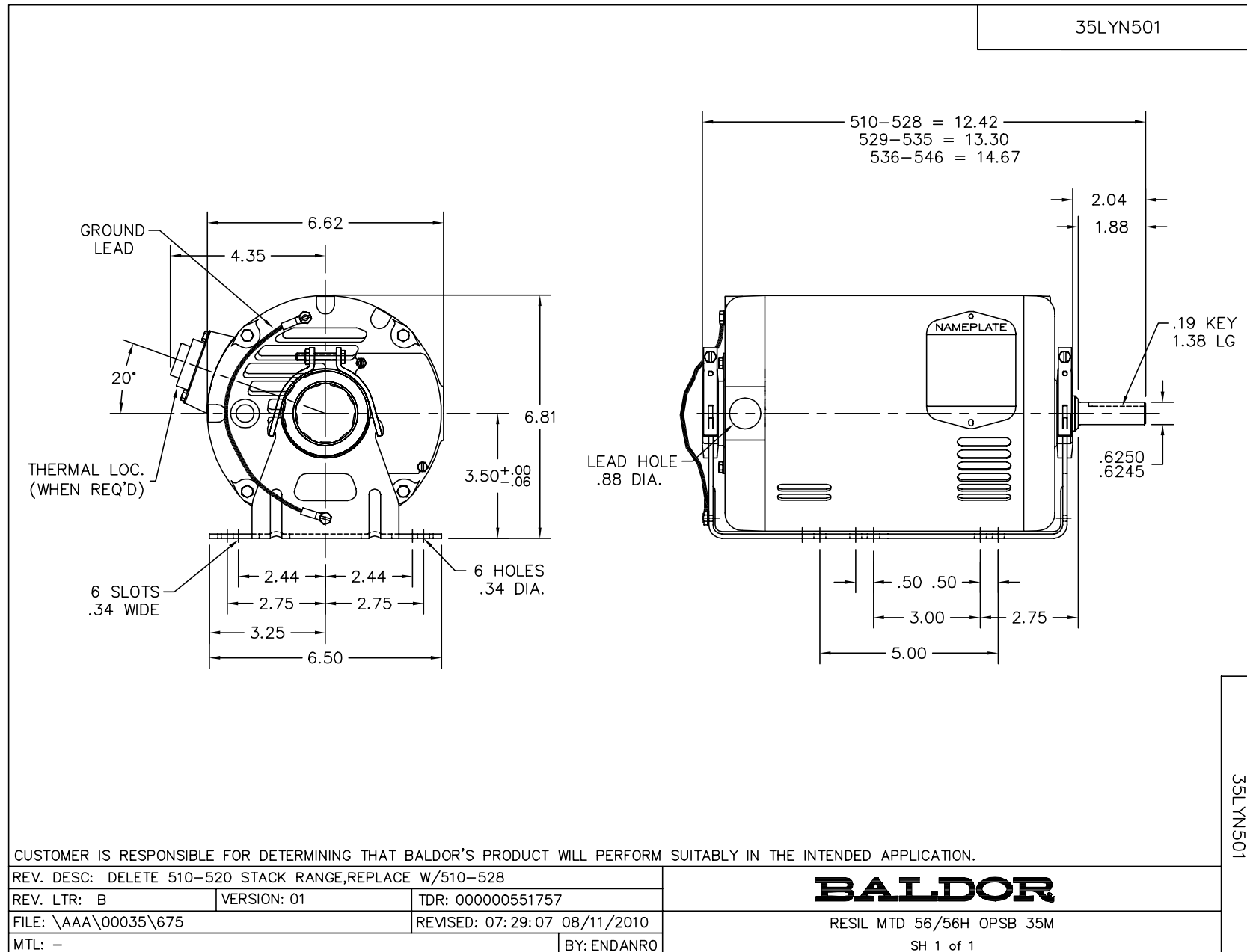
Parts List (continued)		
Part Number	Description	Quantity
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017 GA
35BA4002B01	RESILIENT BASE, STAMPED	1.000 EA
35AD2005A01	BAFFLE PLATE,MOD 35-SLTD BAND MTRS TDR	1.000 EA
35AD2008A01	AIR DEFLECTOR FOR SL BANDW/THERMAL IN FR	1.000 EA
HA3100A18	THRUBOLT 10-32 X 9.250	4.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LC0007	CONN.DIAGRAM (3PHASE W/THERMAL)	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
PA1068	PACK GROUP 35 SHORT W OSB BASE	1.000 EA

Performance Data at 460V, 60Hz, 2.0HP (Typical performance - Not guaranteed values)

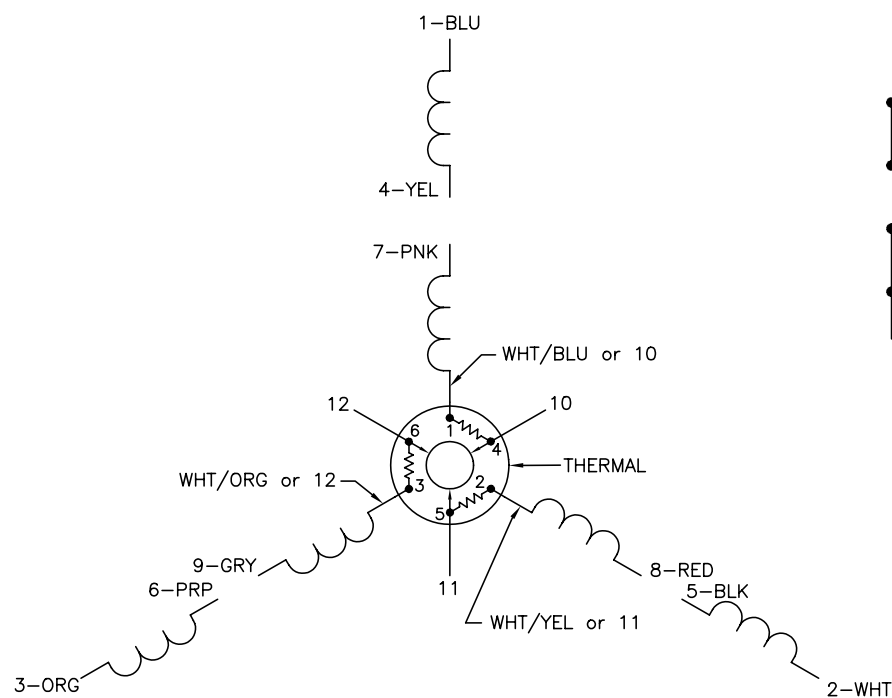
General Characteristics							
Full Load Torque:		6.1 LB-FT		Start Configuration:		DOL	
No-Load Current:		1.7 Amps		Break-Down Torque:		22.0 LB-FT	
Line-line Res. @ 25°C.:		9.26 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		16.0 LB-FT	
Temp. Rise @ Rated Load:		62 C		Locked-Rotor Torque:		19.0 LB-FT	
Temp. Rise @ S.F. Load:		74 C		Starting Current:		21.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	36.0	58.0	71.0	79.0	84.0	87.0	0.0
Efficiency:	70.8	80.4	82.4	82.4	81.2	79.2	0.0
Speed:	1781.0	1765.0	1748.0	1731.0	1712.0	1688.0	0.0
Line Amperes:	1.8	2.0	2.4	2.9	3.4	4.1	3.2

Performance Graph at 460V, 60Hz, 2.0HP Typical performance - Not guaranteed values

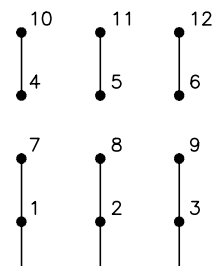




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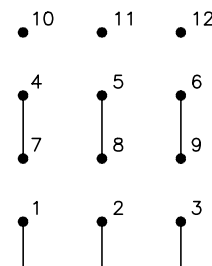


LOW VOLTAGE
(2Y)



LINE

HIGH VOLTAGE
(1Y)



LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: ADDED "CK" PLANT CODE

REV. LTR: E

BY: EAH

REVISED: 05/06/99 17:1

TDR: 0181040

∠00000

FILE: AAA00008370

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, THERMAL, 12 LEADS

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