

BALDOR® • RELIANCE

Product Information Packet

VRBM3558T

2HP,1700RPM,3PH,60HZ,145TC,7536M,TEFC,F1

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Part Detail									
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	7536M	Elec. Spec:	75WGW062	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	75J035	Layout:			
Frame:	145TC	Mounting:	F1	Poles:	04	Created Date:	04-17-2008		
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	10-31-2011		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.	VRBM3558T								
SPEC.	75J035W062H2								
HP	2								
VOLTS	230/460								
AMP	5.8/2.9								
RPM	1700								
FRAME	145TC	HZ	60	PH	3				
SER.F.	1.15	CODE	L	DES	-	CLASS	F		
NEMA-NOM-EFF	84	PF	77						
RATING	40C AMB-CONT								
CC		USABLE AT 208V							
DE	6205	ODE	6205						
ENCL	TEFC	SN							

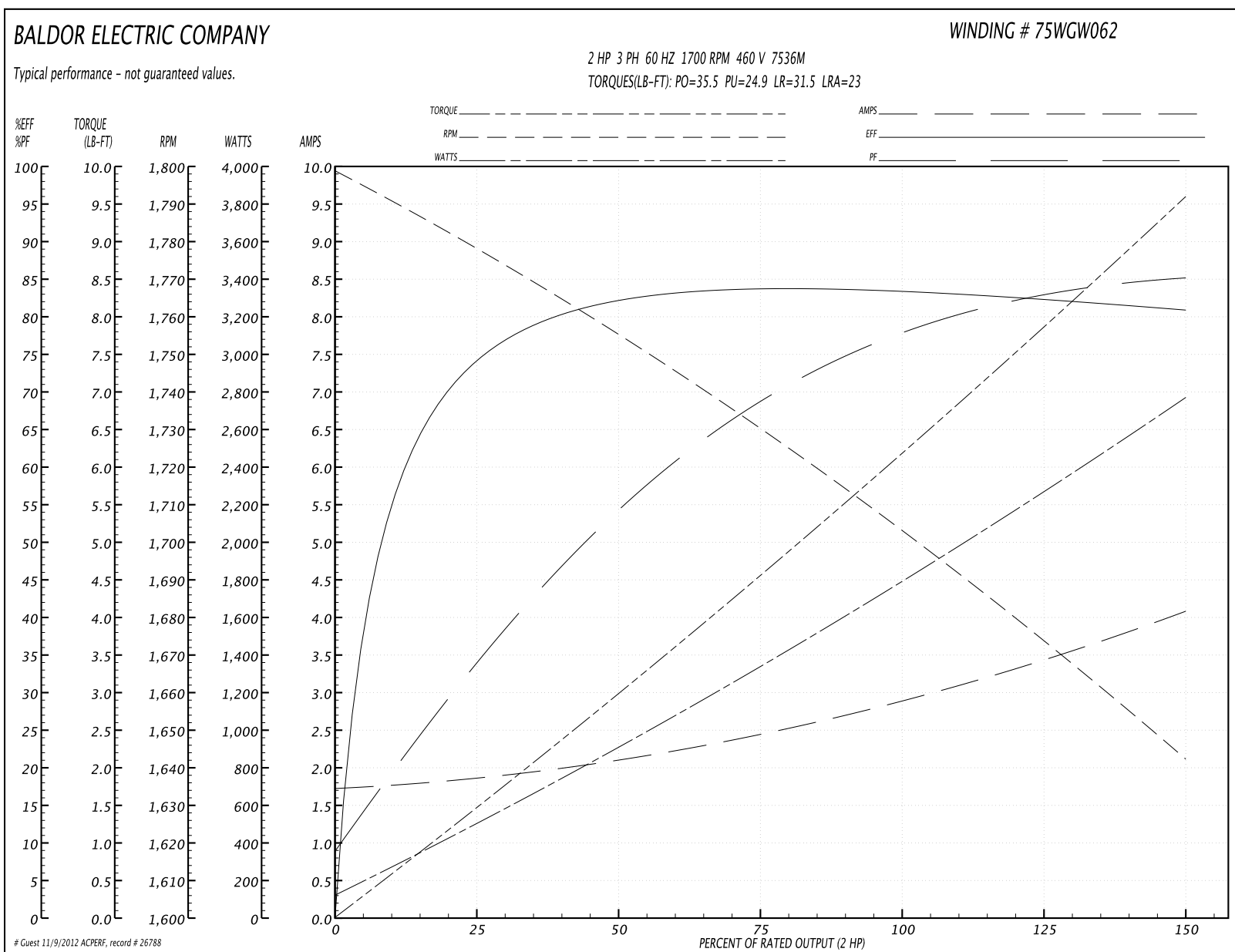
Parts List		
Part Number	Description	Quantity
SA170246	SA 75J035W062H2	1.000 EA
RA158496	RA 75J035W062H2	1.000 EA
S/P101-000-000	EPACT PROCEDURES-FS PLANT-POLYREX EM, NO	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
75CB3000A04	COND BOX FOR 75SF2000 (REL# 7932952C)	1.000 EA
51XT1032A10	10-32X.62 HX SLD WASHER TAPP SERRATED	3.000 EA
WD4100A01	DP-875 HEYCO PLUG OR 62MP0875 MICRO PLAS	1.000 EA
51XN0832A16	8-32 X 1.00 HEX SLOT WSHR HD MACH SCREW	1.000 EA
XY0832A02	8-32 HEX NUT	1.000 EA
HW1001A08	WASHER, #8 SPLT LK, ZN	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	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
BR2003D01	SPLINED HUB 7/8 W/O KEY	1.000 EA
WD4006A01	WIRE JOINT, RB-4 OR RB-44	1.000 EA
35FN3003A02	EXFN, PLASTIC, 5.88 OD, .876 ID (REL)	1.000 EA
35FH4007A01	FAN CVR SSB (REL# 60200449A)	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
35CB4518	CB LIPPED LID,AUTOPHORETIC,REL# 7932915D	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
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA

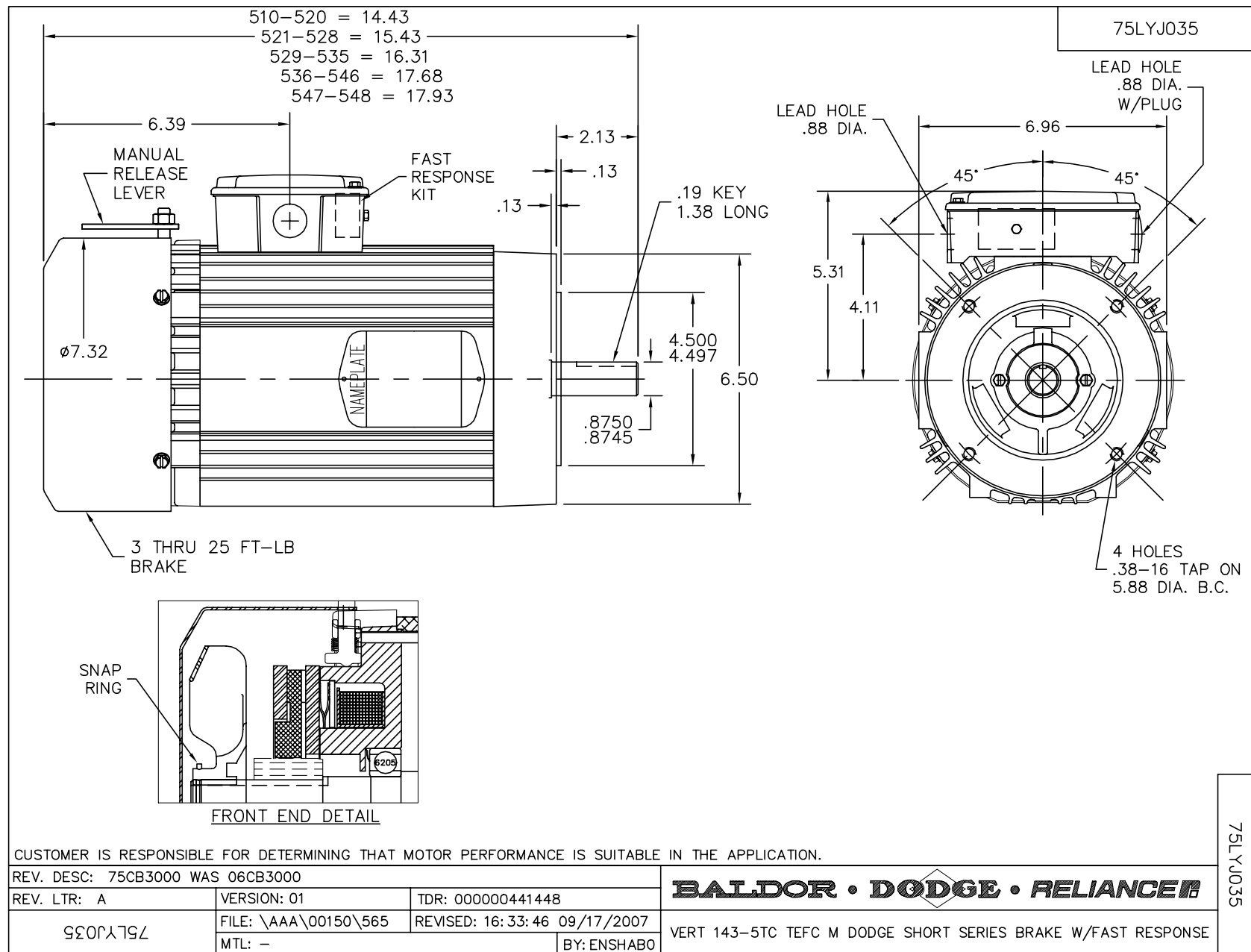
Parts List (continued)		
Part Number	Description	Quantity
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1418	INTEGRAL BRK ADJ LABEL (REL# 41171617A)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
HW1001A10	WASHER, #10 SPLT LK, ZN X	4.000 EA
HW1001A10	WASHER, #10 SPLT LK, ZN X	4.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017 GA
HA3100A25	THRUBOLT 10-32 X 11.000	4.000 EA
43BK0300B02	SSB-10-230/460 (205)L-HUB	1.000 EA
WD3111A01	Dodge FAST RESp. KIT 230/460V	1.000 EA
LB1172A01	CUSTOM MTR CARTON LABEL LASER PRINTER	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
G7PA1000	PACKAGING GROUP / BALDOR	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA

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

General Characteristics							
Full Load Torque:	6.2 LB-FT			Start Configuration:		DOL	
No-Load Current:	1.75 Amps			Break-Down Torque:		35.5 LB-FT	
Line-line Res. @ 25°C.:	6.35 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:		24.9 LB-FT	
Temp. Rise @ Rated Load:	40 C			Locked-Rotor Torque:		31.5 LB-FT	
Temp. Rise @ S.F. Load:	49 C			Starting Current:		23.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	35.0	55.0	68.0	77.0	82.0	86.0	80.0
Efficiency:	75.5	83.0	84.7	84.4	83.0	81.1	83.6
Speed:	1778.0	1755.0	1729.0	1704.0	1674.0	1642.0	1686.0
Line Amperes:	1.83	2.09	2.46	2.9	3.46	4.06	3.24

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

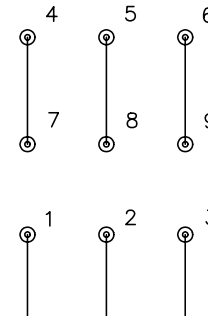




CD0005

LOW VOLTAGE
(2Y)

LINE

HIGH VOLTAGE
(1Y)

LINE

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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E

BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

9000D0

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

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