

BALDOR® • RELIANCE

Product Information Packet

CWDM3541

.75HP,3450RPM,3PH,60HZ,56C,3518M,TENV,F1

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Part Detail									
Revision:	T	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3518M	Elec. Spec:	35WGT097	CD Diagram:			
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	35T964	Layout:			
Frame:	56C	Mounting:	F1	Poles:	02	Created Date:	06-22-2007		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-03-2012		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1496L									
CAT.NO.	CWDM3541								
SPEC.	35T964T097								
HP	.75								
VOLTS	230/460								
AMP	2.2/1.1								
RPM	3450								
FRAME	56C	HZ			60	PH	3		
SER.F.	1.25	CODE			N	DES	B	CLASS	F
NEMA-NOM-EFF	80	PF			80				
RATING	40C AMB-CONT								
CC				USABLE AT 208V		2.3			
DE	6205	ODE			6203				
ENCL	TENV	SN							
	SFA 2.6/1.3								

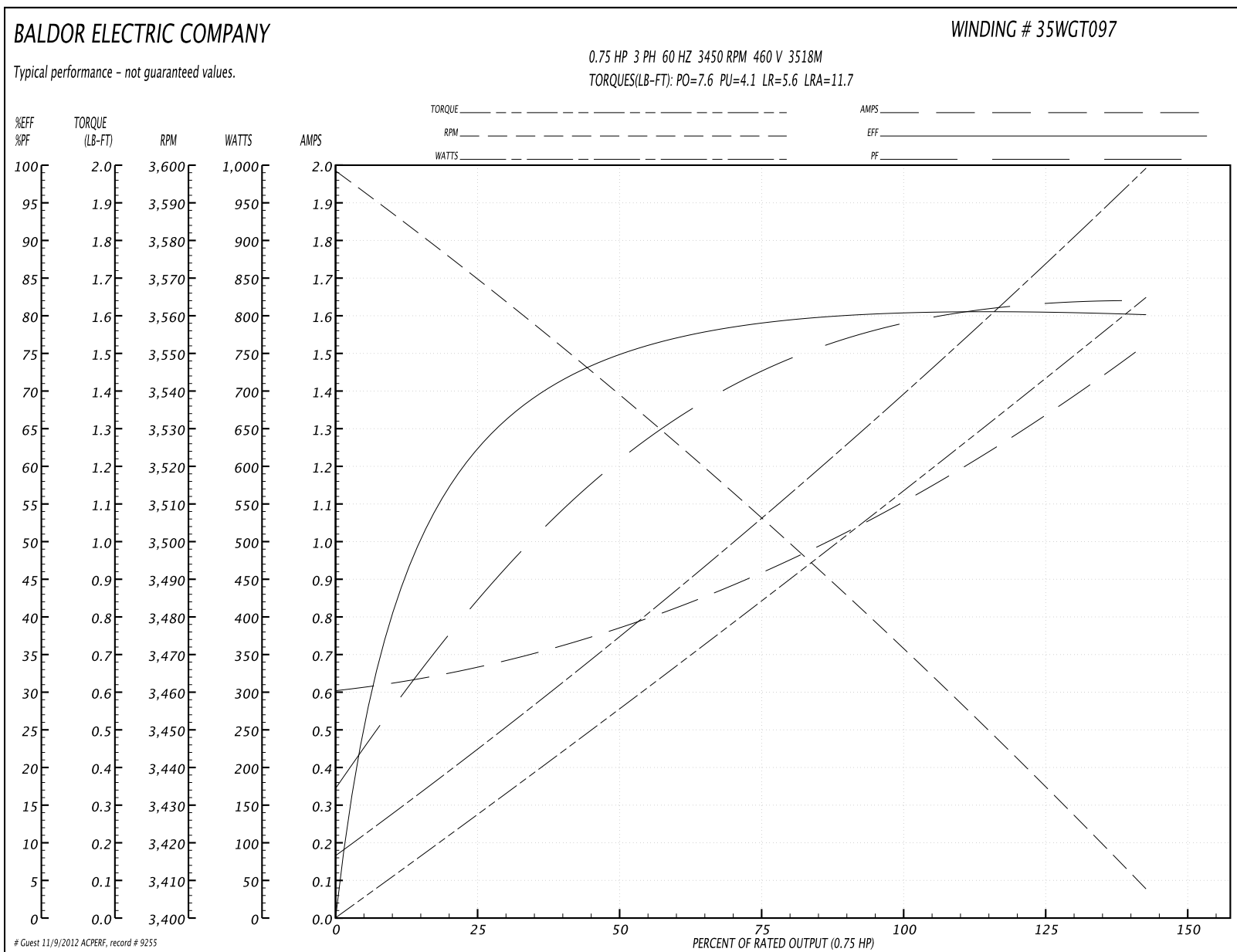
Parts List		
Part Number	Description	Quantity
SA111050	SA 35T964T097	1.000 EA
RA102429	RA 35T964T097	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3008A01W	35 CB .50 NPT @ 6, MACH WHITE EPOXY	1.000 EA
35GS1039	05 MOLDED GASKET W/LIP, 1.12 LEAD HOLE,	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35EP3100M71MW	SPL FR ENDPLATE -TENV- SP.#9 (WHITE EPOX	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3300A48MW	SPL FACE MTD EP - 205 BRG - W/SEAL FOR W	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW4600B49SP	SEAL 0.938 X 1.624 X 0.250 SINGLE LIP DB	1.000 EA
12XN1032S20	10-32 X 1-1/4 HEX M.S. , STAINLESS STEEL	2.000 EA
35CB4522	35 LIPPED CB LID AUTOPHORETIC	1.000 EA
35GS1030A02	35 GS FOR CB LID - WHITE NEOPRENE	1.000 EA
59XW0832S07	TAPTITE II,HEX WSHR UNSLTD SER,410 S.S.,	4.000 EA
HW4600B46SP	SEAL 0.875 X 1.420 X 0.240 FACE SEALING	1.000 EA
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
HA5027A01	HA4066A01 T-DRAIN X2 BAGGED	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MJ5001A01	46-665 RED SEALER	0.001 QT

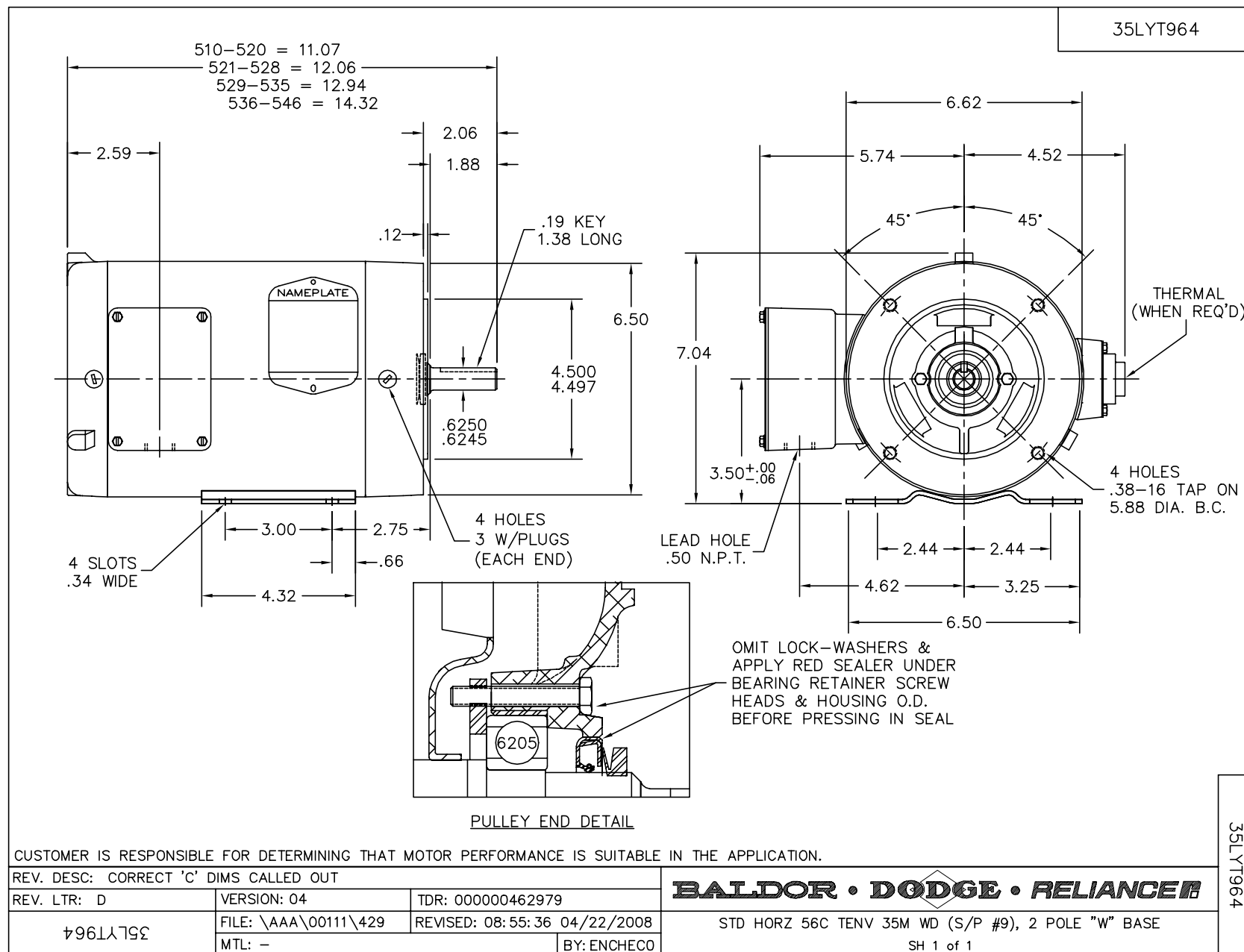
Parts List (continued)		
Part Number	Description	Quantity
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025W11	PAINT- 781-101 WILKOFAS WHITE EPOXY	0.017 GA
HA3100S08	THRUBOLT 7.375LG SS	4.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP1496L	SS WD UL CSA CC	1.000 EA
PA1000	PACKING GROUP 3500 SHORT	1.000 EA

Performance Data at 460V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		1.1 LB-FT		Start Configuration:		DOL	
No-Load Current:		0.61 Amps		Break-Down Torque:		7.6 LB-FT	
Line-line Res. @ 25°C.:		14.8 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		4.1 LB-FT	
Temp. Rise @ Rated Load:		65 C		Locked-Rotor Torque:		5.6 LB-FT	
Temp. Rise @ S.F. Load:		77 C		Starting Current:		11.7 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	45.0	63.0	73.0	80.0	81.0	80.0	0.0
Efficiency:	62.6	74.4	78.7	80.4	80.7	80.1	0.0
Speed:	3571.0	3536.0	3509.0	3477.0	3444.0	3406.0	0.0
Line Amperes:	0.66	0.76	0.91	1.09	1.29	1.52	1.3

Performance Graph at 460V, 60Hz, 0.75HP Typical performance - Not guaranteed values

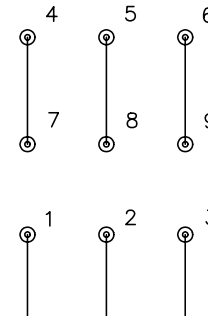




CD0005


 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

CD0005