

# **BALDOR® • RELIANCE**

## **Product Information Packet**

### **CWDM3550**

**1.5HP,3450RPM,3PH,60HZ,56,C,3535M,TENV,F**

Part Detail										
Revision:	S	Status:	PRD/A	Change #:		Proprietary:	No			
Type:	AC	Prod. Type:	3535M	Elec. Spec:	35WGY033	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.		CWDM3550								
SPEC.		35T964Y033G1								
HP		1.5								
VOLTS		208-230/460								
AMP		4.4-4.2/2.1								
RPM		3450								
FRAME		56C	HZ			60	PH	3		
SER.F.		1.15	CODE			J	DES	B	CLASS	F
NEMA-NOM-EFF		82.5	PF			90				
RATING		40C AMB-CONT								
CC			USABLE AT 208V			4.4				
DE		6205	ODE			6203				
ENCL		TENV	SN							

Parts List		
Part Number	Description	Quantity
SA131940	SA 35T964Y033G1	1.000 EA
RA121914	RA 35T964Y033G1	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
HA3100S09	THRUBOLT 9.25 LENGTH SS	4.000 EA
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025W11	PAINT- 781-101 WILKOFAS WHITE EPOXY	0.017 GA
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
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA

**Performance Data at 460V, 60Hz, 1.5HP (Typical performance - Not guaranteed values)**

General Characteristics							
Full Load Torque:		2.3 LB-FT		Start Configuration:		DOL	
No-Load Current:		0.7 Amps		Break-Down Torque:		8.7 LB-FT	
Line-line Res. @ 25°C.:		9.63 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		6.8 LB-FT	
Temp. Rise @ Rated Load:				Locked-Rotor Torque:		7.0 LB-FT	
Temp. Rise @ S.F. Load:				Starting Current:		16.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	60.0	78.0	87.0	90.0	92.0	93.0	0.0
Efficiency:	69.8	79.8	82.9	83.6	83.3	82.3	0.0
Speed:	3564.0	3533.0	3501.0	3466.0	3427.0	3385.0	0.0
Line Amperes:	0.8	1.1	1.5	1.9	2.3	2.8	0.0

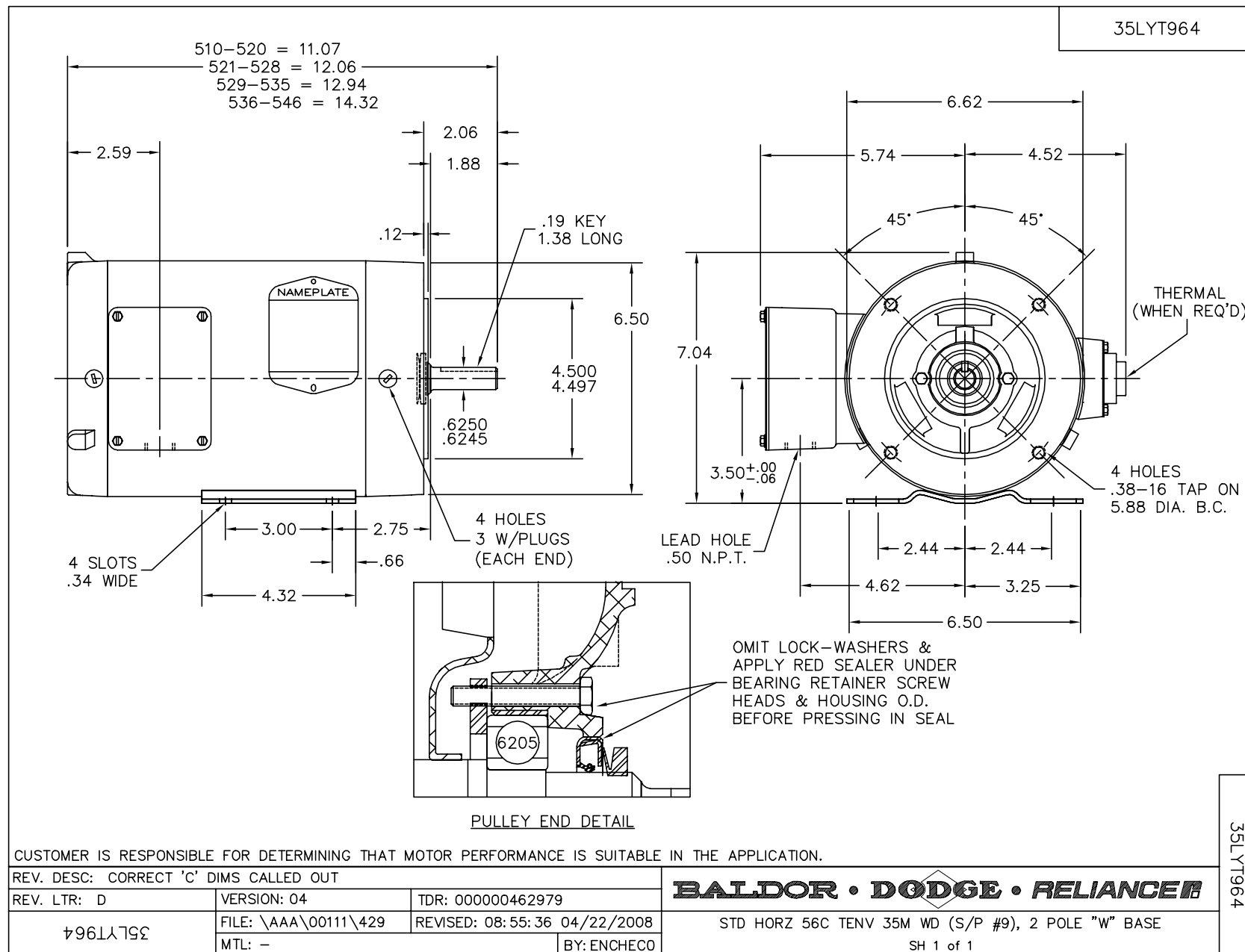
Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values

BALDOR ELECTRIC COMPANY

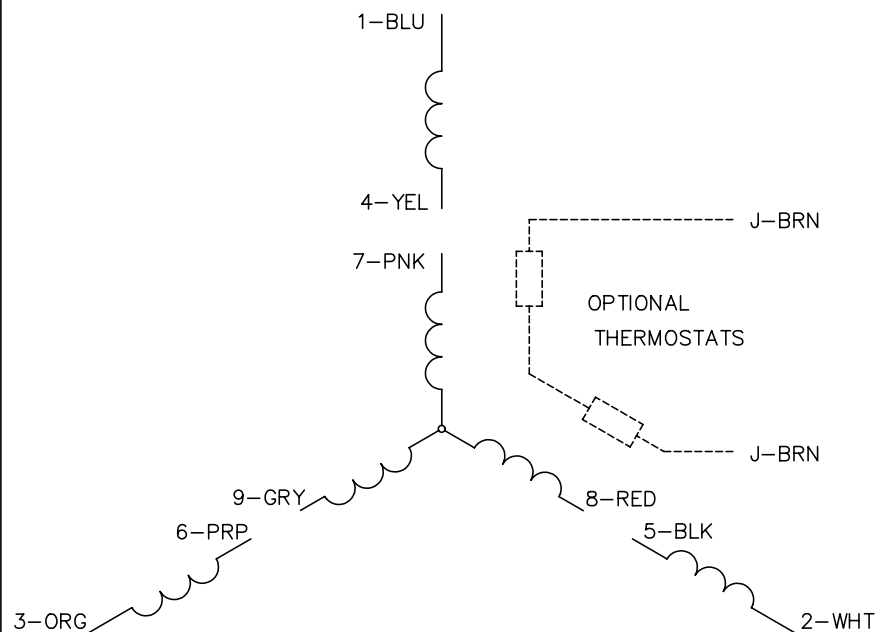
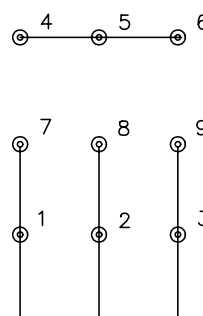
WINDING # 05WGX122

Typical performance - not guaranteed values.

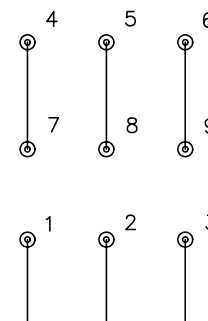
1 HP 3 PH 60 HZ 1760 RPM 460 V 0519M



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

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005