

# **BALDOR® • RELIANCE**

## **Product Information Packet**

### **CESSWDM23934T**

**20HP,1760RPM,3PH,60HZ,256TC,3960M,TEFC,F**

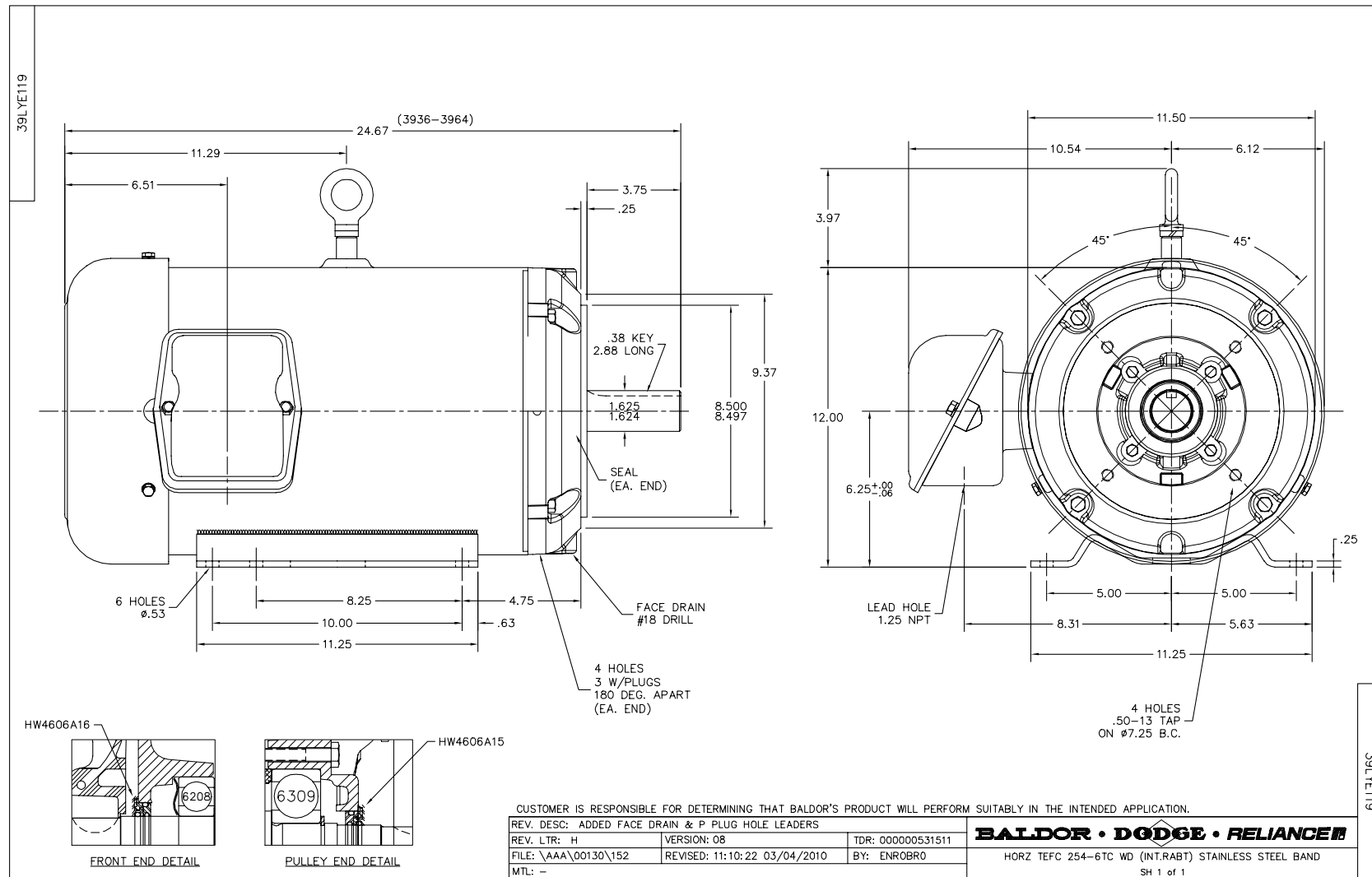
Part Detail									
Revision:	W	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3960M	Elec. Spec:	39WGX521	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	39E119	Layout:			
Frame:	256TC	Mounting:	F1	Poles:	04	Created Date:	09-26-2005		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	11-12-2013		
Leads:	9#12	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1953D02									
CAT.NO.	CESSWDM23934T								
SPEC.	39E119X521G1								
HP	20								
VOLTS	230/460								
AMP	46.8/23.4								
RPM	1760								
FRAME	256TC	HZ	60	PH	3				
SER.F.	1.00	CODE	H	DES	B	CLASS	F		
NEMA-NOM-EFF	93	PF	86						
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6309	ODE	6208						
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA133713	SA 39E119X521G1	1.000 EA
RA123574	RA 39E119X521G1	1.000 EA
09FN3001D01SP	EXTERNAL FAN, PLASTIC	1.000 EA
S/P107-000-005	SUPER-E PROC'S(254/6 FR.) ZK PLANT - POL	1.000 EA
WD1000B17	T&B CX35TN TERMINAL	1.000 EA
11XW1032S06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
39EP1901A01	S.S. FR ENDPLATE, MACH	1.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
HW4606A16	PROTECH/SEAL (WDE-1575-2125-BG38)	1.000 EA
39EP1903A01	S.S. C-FACE PU ENDPLATE, MACH	1.000 EA
10XN2520S28	1/4-20X 1 3/4 HEX HD SS X	4.000 EA
HW4606A15	PROTECH/SEAL (WDE-1688-2250-BG37)	1.000 EA
XY3816S12	3/8-16 HEX FINISHED NUT SS	8.000 EA
09FH4014A01	304 S.S. FAN COVER & GRILL W/#4 FINISH	1.000 EA
10XN2520S08	SCREW, 1/4-20 X 1/2 HHCS SS	3.000 EA
HW1001S25	WASHER, 1/4 SPLT LK, STAINLESS STEEL	3.000 EA
09CB1505A01	S.S. LIPPED KOBX LID	1.000 EA
12GS1002	GASKET, CONDUIT BOX LID, NEOP	1.000 EA
10XN3118S12	5/16-18 X 3/4 HEX HEAD CAP, STAINLESS ST	2.000 EA
HW1001S31	WASHER, 5/16 SPLT LK, STAINLESS STEEL	2.000 EA
HW2502G25	#303 SS,SQ KEY 3/8 X 2.880	1.000 EA
MJ5002A02	NON-CORROSIVE SILICONE, DOW 748, 10.3 OZ	0.031 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA

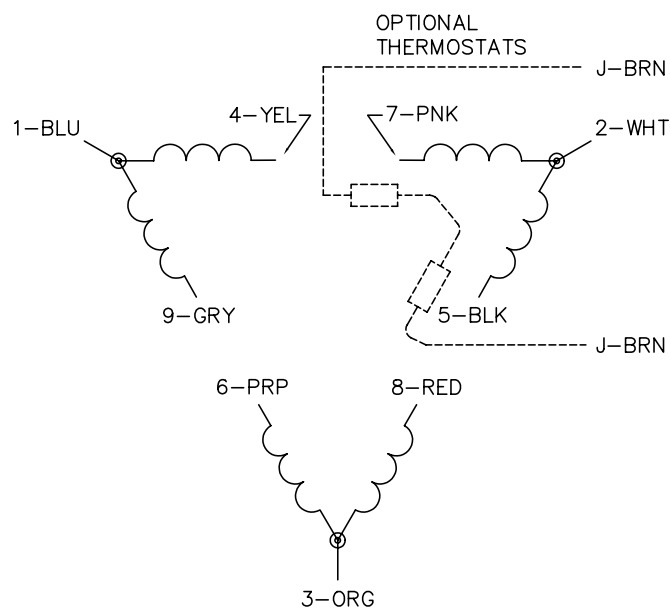
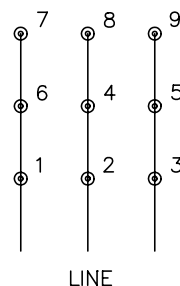
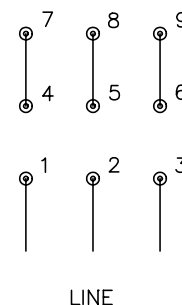
Parts List (continued)		
Part Number	Description	Quantity
MJ1000A75	GREASE, POLYREX EM EXXON	0.030 LB
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HA3154S06	THRUBOLT STUD 3/8-16 X 16.875 SS	4.000 EA
HW2500S25	USA#1008-WOODRUFF KEY#B STAINLESS:	1.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	4.000 EA
39PA1000	PACKAGING GROUP 39 PRINT	1.000 EA

**Performance Data at 460V, 60Hz, 20.0HP (Typical performance - Not guaranteed values)**

General Characteristics							
Full Load Torque:		59.8 LB-FT		Start Configuration:		DOL	
No-Load Current:		8.32 Amps		Break-Down Torque:		224.0 LB-FT	
Line-line Res. @ 25°C.:		0.43317 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		75.2 LB-FT	
Temp. Rise @ Rated Load:		84 C		Locked-Rotor Torque:		120.0 LB-FT	
Temp. Rise @ S.F. Load:				Starting Current:		165.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	52.0	74.0	81.0	87.0	88.0	88.0	0.0
Efficiency:	91.6	93.9	93.8	93.2	92.1	90.5	0.0
Speed:	1790.7	1782.4	1773.4	1763.2	1751.9	1737.2	0.0
Line Amperes:	9.87	13.6	18.3	23.2	29.0	36.4	0.0



CD0180


 LOW VOLTAGE  
(2D)

 HIGH VOLTAGE  
(1D)


## 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: C BY: JLP

REVISED: 01/21/99 2:28

TDR: 0171435

081000

FILE: AAA00005148

MDL: -

MTL: -

**BALDOR ELECTRIC Co.**

3PH, DV, 9 LEADS, DELTA CONNECTION

CD0180