



# **BALDOR® • *RELIANCE***

## **Product Information Packet**

### **CSWDM3558**

**28M 4P TEFC HOR 56C SP9-2(HOSE DOWN)**

Product Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod Type:	3528M	Elec. Spec:	35WGR947	CD Diagram:	CD0005
Enclosure	TEFC	Mfg Plant:		Mech Spec:	35S641	Layout:	35LYS641
Frame:	56C	Mounting:	F1	Poles:	04	Created Date:	05-06-2005
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	11-13-2008
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:	

**Nameplate NP1496L**

CAT.NO.	CSWDM3558						
SPEC.	35S641R947H2						
HP	2						
VOLTS	230/460						
AMP	5.6/2.8						
RPM	1725						
FRAME	56C	HZ	60	PH	3		
SER.F.	1.15	CODE	K	DES	B	CLASS	F
NEMA-NOM-EFF	84	PF	78				
RATING	40C AMB-CONT						
CC		USABLE AT 208V					
DE	6205	ODE	6203				
ENCL	TEFC	SN					

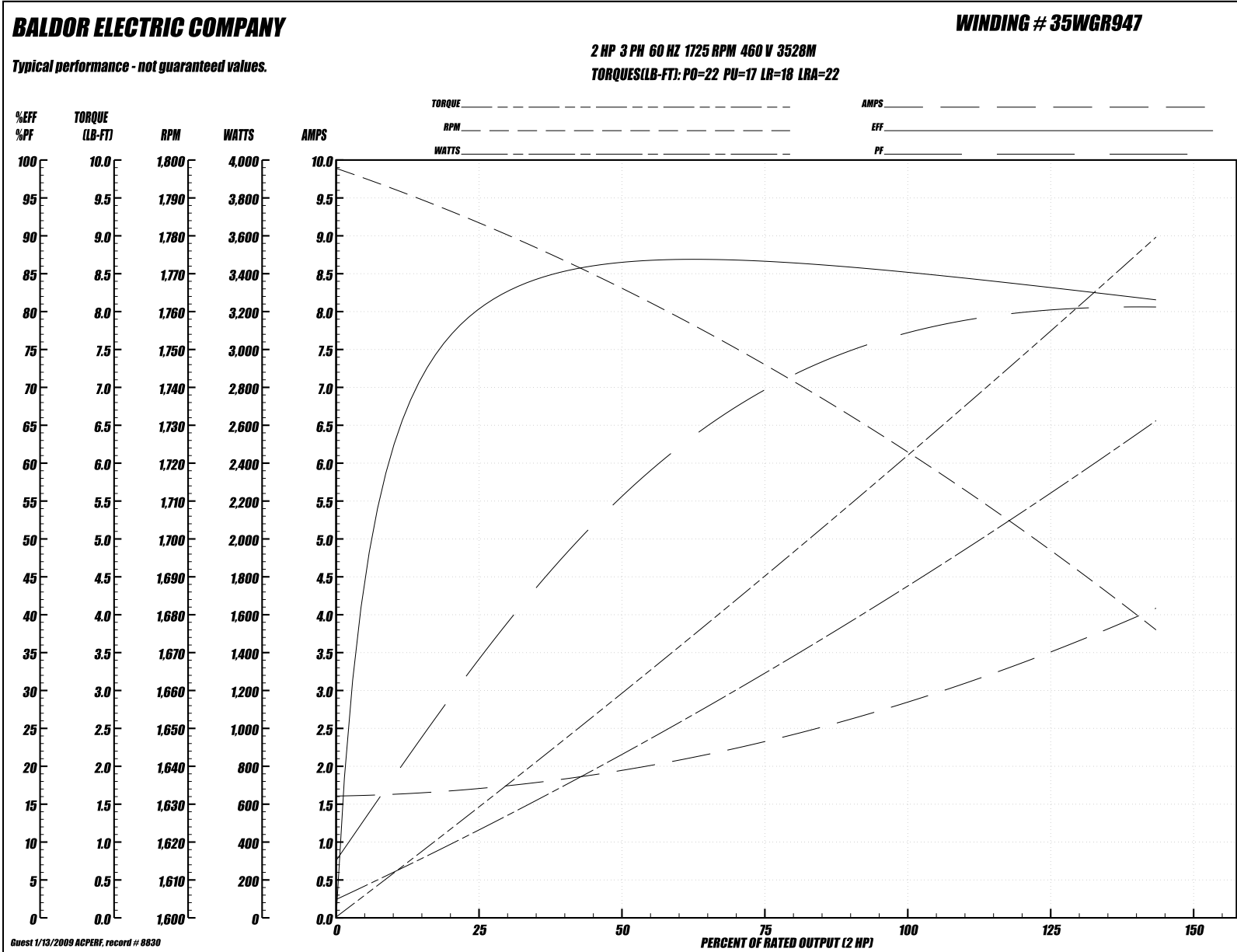
<b>Parts List</b>			
<b>Product ID</b>	<b>Description</b>	<b>Quantity</b>	<b>List Price</b>
SA128247	SA 35S641R947H2	1.000	509.00
RA118427	RA 35S641R947H2	1.000	407.00
NS2512A01	INSULATOR, CONDUIT BOX X X	1.000	2.00
35CB5001A03	CONDUIT BOX KIT, FOR SUPER II WASHDOWN	1.000	48.00
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000	3.00
HW3001A01	D3019 BRASS WASHER(STIMP)	1.000	2.00
35EP3100M08MU	FREP TEFC 203 BRG NO GRSR, BALL BURNISH	1.000	32.00
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000	3.00
HW5100A03SP	WAVY WASHER (W1543-017)	1.000	2.00
35EP3300A75MU	PU E.P., CAST-FACE MTD-56C-205 BRG(BALL	1.000	98.00
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000	3.00
HW4606A02	JM CLIPPER/SEAL (LWE-0938-1624-AL23)	1.000	46.00
12XN1032S20	10-32 X 1-1/4 HEX M.S. , STAINLESS STEEL	2.000	3.00
HA1049A01	DUBO LOK WASHER SIZE 10 (NYLON LOCK SEAL	4.000	2.00
HA1049A01	DUBO LOK WASHER SIZE 10 (NYLON LOCK SEAL	2.000	2.00
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000	2.00
35FH4005A53	IEC FH NO GREASER (CLEAN ONLY)	1.000	29.00
11XW1032S06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	3.000	3.00
HA1005A05SP	35-309 SLINGER	1.000	2.00
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000	2.00
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000	2.00
MJ5001A02	732 CL SEALANT 3 OZ DIXIE BEARING 289100	0.001	23.00
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000	2.00
LB1164	LABEL,WARNING AND DRAIN F/HOSE DOWN	1.000	2.00

<b>Parts List (continued)</b>			
<b>Product ID</b>	<b>Description</b>	<b>Quantity</b>	<b>List Price</b>
S/P101-000-000	EPACT PROCEDURES-FS PLANT-POLYREX EM, NO	1.000	
MJ1000A02	GREASE, POLYREX EM EXXON	0.050	10.00
35FN3002A05SP	EXTERNAL FAN, PLASTIC, FOR .637 DIA JOUR	1.000	22.00
HA3100S24	THRUBOLT 8.625 LENGTH 1.250 TH LENGTH SS	4.000	4.00
LB1125C04	STD-E (STOCK CTN LABEL STD-E WITH FLAG)	1.000	2.00
LC0005	CONN.DIA.,TYPE M,9-LD,DUAL VOLTAGE,REVER	1.000	2.00
NP1496L	STD NP S.S.WASHDOWN W/ WD GRAPHICS LASER	1.000	
PA1000	PACKING GROUP 3500 SHORT	1.000	8.00

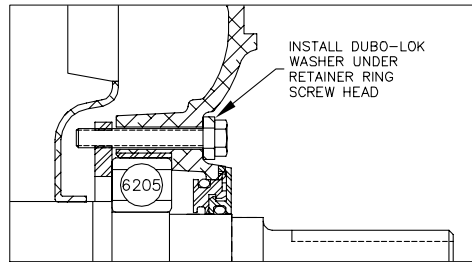
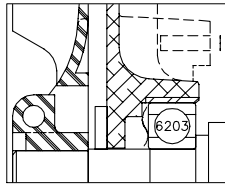
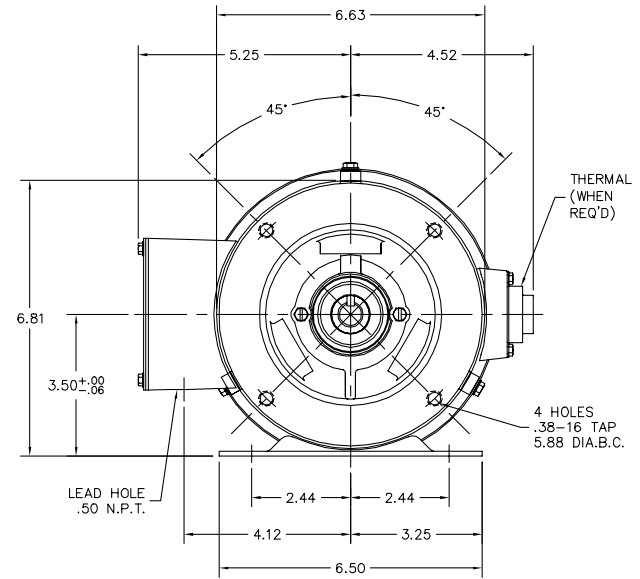
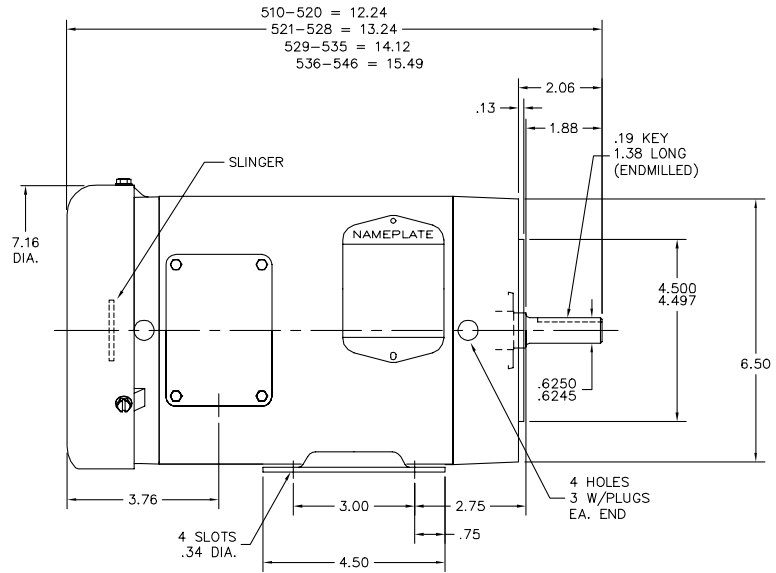
**Performance Data at 460V, 60Hz, 2.0HP (Typical performance - Not guaranteed values)**

General Characteristics							
<b>Full Load Torque:</b>	6.0 LB-FT			<b>Start Configuration:</b>	DOL		
<b>No-Load Current:</b>	1.6 Amps			<b>Break-Down Torque:</b>	22.0 LB-FT		
<b>Line-line Res. @ 25°C.:</b>	8.01 Ohms A Ph / 0.0 Ohms B Ph			<b>Pull-Up Torque:</b>	17.0 LB-FT		
<b>Temp. Rise @ Rated Load:</b>	81°C			<b>Locked-Rotor Torque:</b>	18.0 LB-FT		
<b>Temp. Rise @ S.F. Load:</b>	104°C			<b>Starting Current:</b>	22.0 Amps		
Load Characteristics							
<b>% of Rated Load:</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>100</b>	<b>125</b>	<b>150</b>	<b>S.F.</b>
<b>Power Factor:</b>	35.0	57.0	71.0	78.0	83.0	85.0	81.0
<b>Efficiency:</b>	79.3	85.8	86.5	85.7	83.9	81.2	84.6
<b>Speed:</b>	1782.0	1765.0	1745.0	1726.0	1703.0	1674.0	1712.0
<b>Line Amperes:</b>	1.7	2.0	2.3	2.8	3.4	4.1	3.2

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



35LYS641



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: 35EP3100M08 WAS B14, 35FH4005A53 WAS A39	VERSION: 02	TDR: 000000377842
REV. LTR: B	REVISED: 15:19:41 10/14/2005	BY: ENCHRC0
FILE: \AAA\00093\305		
MTL: -		

**BALDOR ELECTRIC Co.**

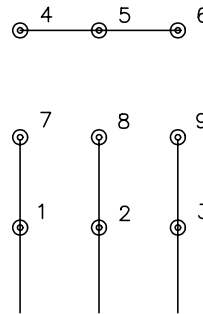
HOR 56C TEFC M PAINT FREE WD (S/P 9-2)

35LYS641

CD0005

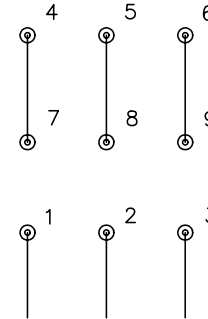


LOW VOLTAGE  
(2Y)



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