

BALDOR® • RELIANCE

Product Information Packet

ELECTRIC MOTOR WHOLESAL.COM

CM2531T

25HP,1760RPM,3PH,60HZ,284TC,3942M,OPSB

Part Detail							
Revision:	R	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3942M	Elec. Spec:	39WGW918	CD Diagram:	
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	39L33	Layout:	
Frame:	284TC	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	04-22-2010
Leads:	9#10	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	CM2531T								
SPEC.	39L033W918H1								
HP	25								
VOLTS	230/460								
AMP	62/31								
RPM	1760								
FRAME	284TC	HZ			60	PH	3		
SER.F.	1.15	CODE			G	DES	B	CLASS	B
NEMA-NOM-EFF	91.7	PF			83				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			66				
DE	6311	ODE			6208				
ENCL	OPSB	SN							

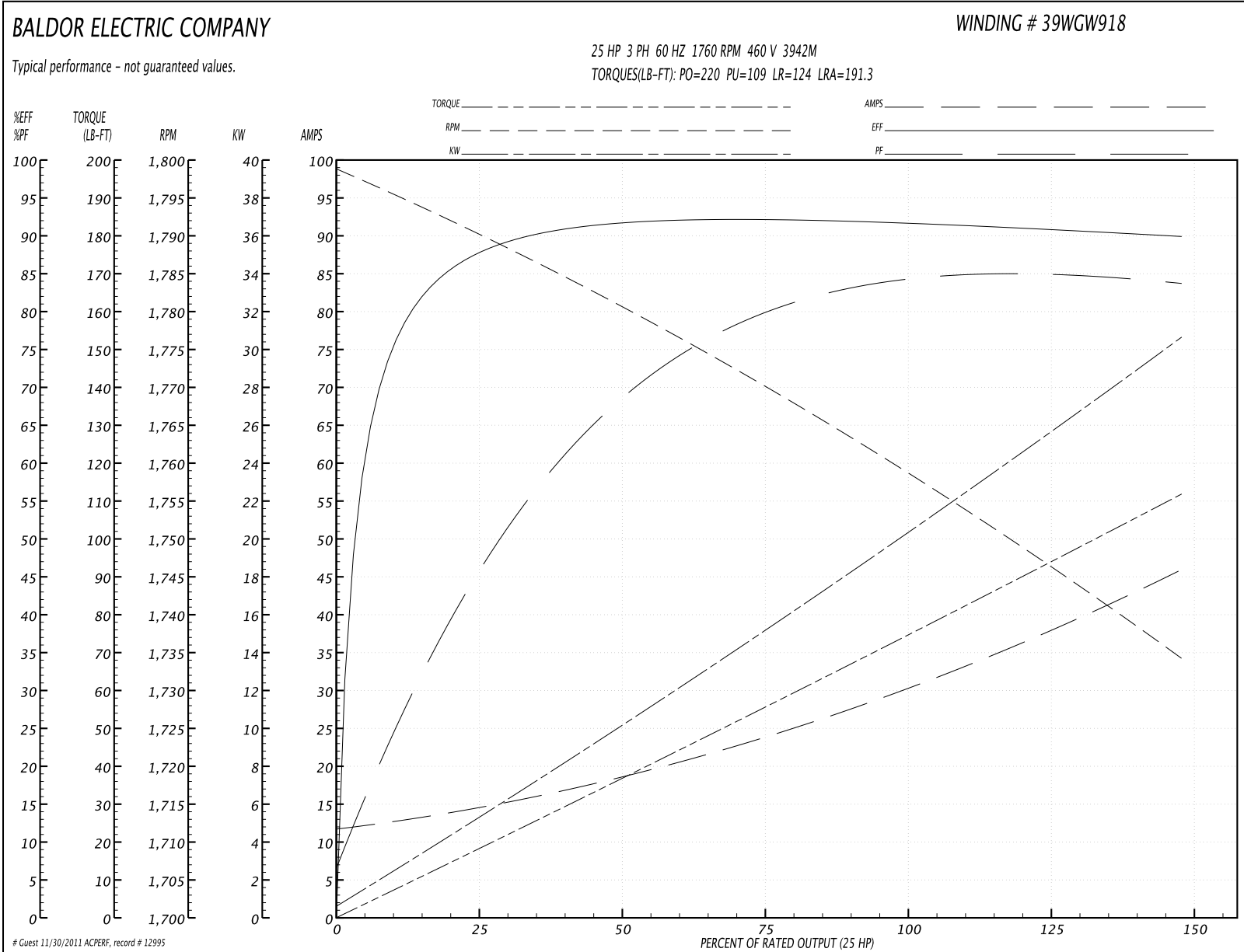
Parts List		
Part Number	Description	Quantity
SA040428	SA 39L033W918H1	1.000 EA
RA036314	RA 39L033W918H1	1.000 EA
S/P101-000-003	EPACT PROC-ZK 280FR & UP,LARGE KOBX,POLY	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
09CB2800A03	ADAPTER MACH FOR 10CB3000	1.000 EA
84XN3118J12	5/16-18 X 3/4 SOC HD CAP SCREW,BLK OXIDE	2.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	2.000 EA
10CB3000SP	STD KO BOX MODEL 310,312,314 MTRS W/2.00	1.000 EA
19XW3118A12	.31-18 X .75 HEX WASHER HEAD TAPTITE II	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
WD1000B16	KPA-4C BURNDY TERMINAL	1.000 EA
51XF2520A08	SCREW, HEX SER SLT HD, ZN 1/4-20 X .50 L	1.000 EA
39EP3200A01SP	FR/PU ENDPLATE, MACH	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
39EP1403A01	PU ENDPLATE MACH. 284-6TC - OPEN	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
10XN3118K36	5/16-18 X 2.25" HEX HD, GRADE 5	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
XY3816A12	3/8-16 FINISHED NUT	8.000 EA
10CB3500SP	CONDUIT BOX LID, CAST	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	4.000 EA
HW2501H28	KEY, 1/2 SQ X 3.250	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA

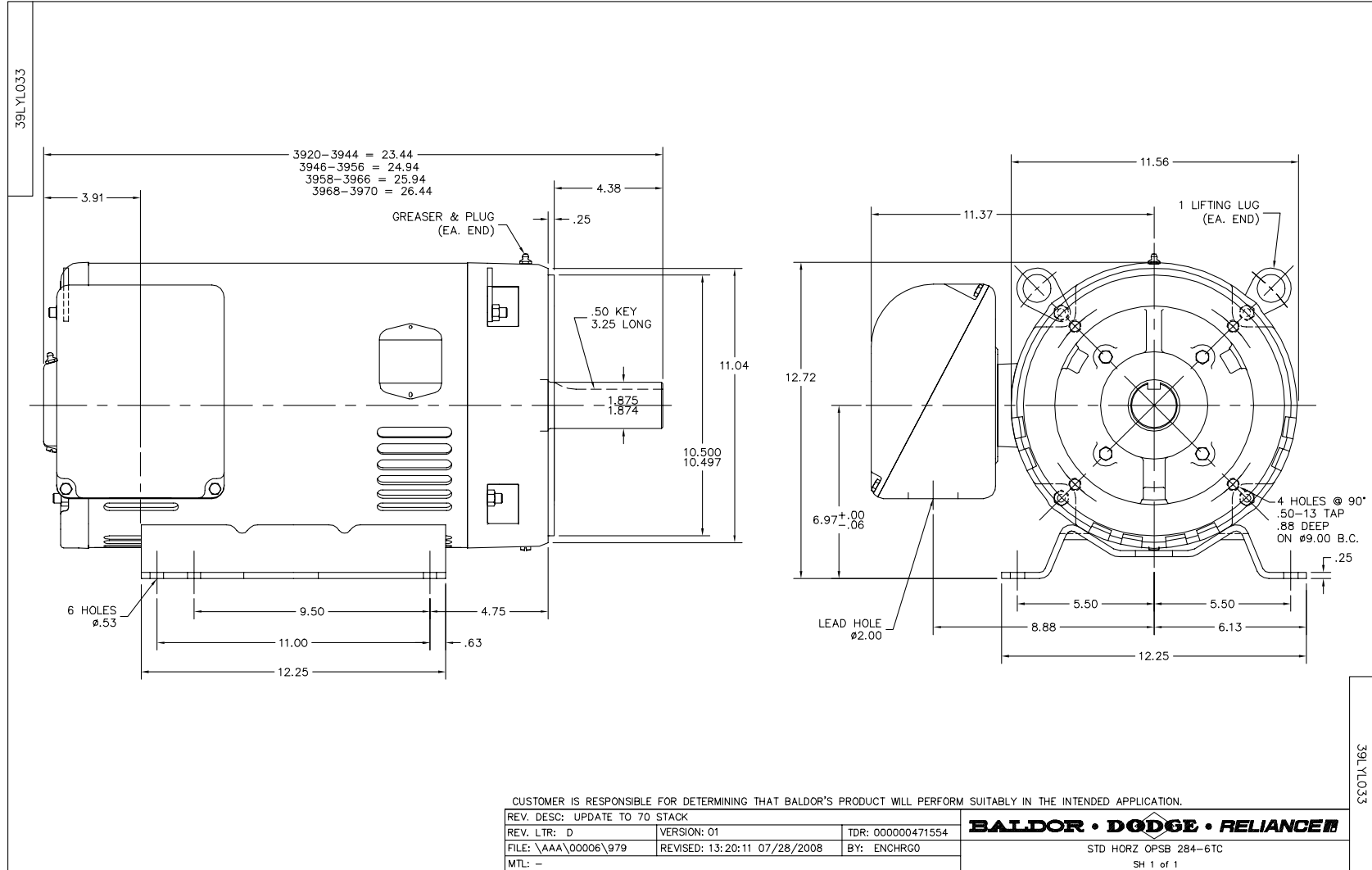
Parts List (continued)		
Part Number	Description	Quantity
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.030 LB
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.050 GA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	2.000 EA
39AD2002A01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	2.000 EA
HA3154A09	TB STUD 3/8-16 X 16.25	4.000 EA
LB1125C04	STD-E (STOCK CTN LABEL STD-E WITH FLAG)	4.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
NP1256L	ALUM, UL CSA CC, W/O THERMAL, LASER	1.000 EA
40PA1000	PACKAGING GROUP	0.333 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA

Performance Data at 460V, 60Hz, 25.0HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	74.6 LB-FT			Start Configuration:	DOL		
No-Load Current:	12.11 Amps			Break-Down Torque:	220.0 LB-FT		
Line-line Res. @ 25°C.:	0.398 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	109.0 LB-FT		
Temp. Rise @ Rated Load:	42 C			Locked-Rotor Torque:	124.0 LB-FT		
Temp. Rise @ S.F. Load:	56 C			Starting Current:	191.3 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	48.0	69.0	79.0	83.0	85.0	86.0	84.0
Efficiency:	87.4	91.5	92.1	91.8	91.0	89.8	91.3
Speed:	1790.0	1780.0	1770.0	1759.0	1747.0	1734.0	1752.0
Line Amperes:	14.07	18.47	24.1	30.6	37.8	45.7	34.9

Performance Graph at 460V, 60Hz, 25.0HP Typical performance - Not guaranteed values





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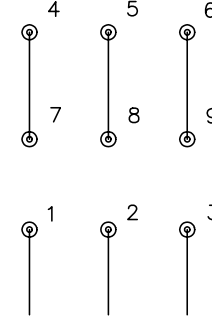


LOW VOLTAGE
(2Y)



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