

# **BALDOR® • RELIANCE**

**Product Information Packet**

**ELECTRIC MOTOR WHOLESAL.COM**

**VM2332T**

**10HP, 1175RPM, 3PH, 60HZ, 256TC, 0946M, TEFC, F**

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0946M	Elec. Spec:	09WGX829	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	09C103	Layout:	
Frame:	256TC	Mounting:	F1	Poles:	06	Created Date:	09-06-2007
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	04-18-2011
Leads:	9#12	Literature:		Elec. Diagram:		Replaced By:	

**Nameplate NP1256L**

CAT.NO.	VM2332T						
SPEC.	09C103X829						
HP	10						
VOLTS	230/460						
AMP	28.8/14.4						
RPM	1175						
FRAME	256TC	HZ	60	PH	3		
SER.F.	1.15	CODE	H	DES	B	CLASS	F
NEMA-NOM-EFF	89.5	PF	73				
RATING	40C AMB-CONT						
CC	010A	USABLE AT 208V	37				
DE	6309	ODE	6208				
ENCL	TEFC	SN					

Parts List		
Part Number	Description	Quantity
SA162460	SA 09C103X829	1.000 EA
RA150989	RA 09C103X829	1.000 EA
09FN3001C01	EXTERNAL FAN, PLASTIC	1.000 EA
HW1002A63	WASHER, 5/8 HI-COLLAR SPRLCKWASHER	1.000 EA
09CB3002SP	CB W/1.38 LEAD HOLE FOR 37, 39, 307 & 30	1.000 EA
09GS1000SP	GASKET-CONDUIT BOX, 1/16 THICK LEXIDE	1.000 EA
10XN2520K12	1/4-20 X.75 GRD 5	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
WD1000B17	KPA-8C BURNDY TERMINAL	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
09EP1100A14SP	ENDPLATE, MACH	1.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
10XN2520K28	1/4-20 X 1.75" HX HD SCRWGRADE 5, ZINC P	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
09EP1300A12	ENDPLATE, MACH	1.000 EA
HW4600B44SP	V-RING SLINGER 1.500 X 2.290 X 0.280	1.000 EA
10XN2520K36	1/4-20 X 2.25" HX HD SCRWGRADE 5, ZINC P	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
HA3113A02	THRUBOLT 3/8-16X16.625	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
09FH4000SP	FAN COVER, STAMPED	1.000 EA
HA2081A05	SPACER TUBE, 309 FAN HSG, 2.00 LONG	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
09CB3501SP	CONDUIT BOX LID FOR 09CB3001 & 09CB3002	1.000 EA
09GS1013SP	09 GS FOR 09CB3501 LID - LEXIDE	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
PK6014	STEEL STRAP FOR 309-312 BASELESS MOTORS	3.000 EA
10XN3816K10	BOLT, 3/8-16 X 5/8 HHCS YZ	3.000 EA
HW4500A05	1669B ALEM/UNIV860 GR FTG X	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
HW2500A25	WOODRUFF KEY USA #1008 #BLOW CARBON STEE	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.080 LB
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	2.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.050 GA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	4.000 EA

<b>Parts List (continued)</b>		
<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
LC0005E02	SPL CONN.DIA./WARN.LABEL(LC0005/LB1119)	1.000 EA
NP1256L	ALUM, UL CSA CC, W/O THERMAL, LASER	1.000 EA
40PA1017	PACKAGING GROUP, 09 VERT LARGE FLANGE	1.000 EA

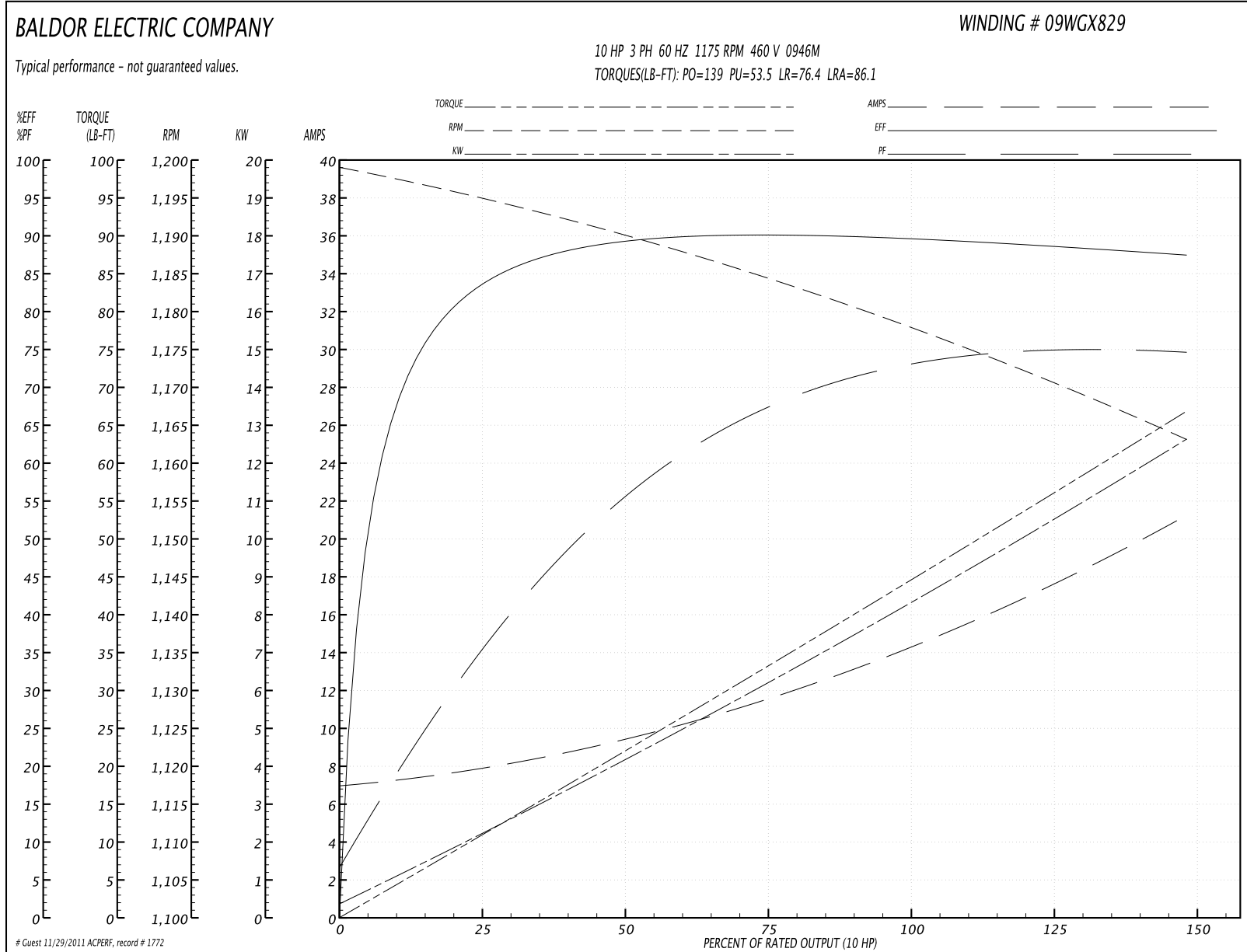
**Performance Data at 460V, 60Hz, 10.0HP (Typical performance - Not guaranteed values)**
**General Characteristics**

<b>Full Load Torque:</b>	44.6 LB-FT	<b>Start Configuration:</b>	DOL
<b>No-Load Current:</b>	7.04 Amps	<b>Break-Down Torque:</b>	139.0 LB-FT
<b>Line-line Res. @ 25°C.:</b>	0.83 Ohms A Ph / 0.0 Ohms B Ph	<b>Pull-Up Torque:</b>	53.5 LB-FT
<b>Temp. Rise @ Rated Load:</b>	50 C	<b>Locked-Rotor Torque:</b>	76.4 LB-FT
<b>Temp. Rise @ S.F. Load:</b>	67 C	<b>Starting Current:</b>	86.1 Amps

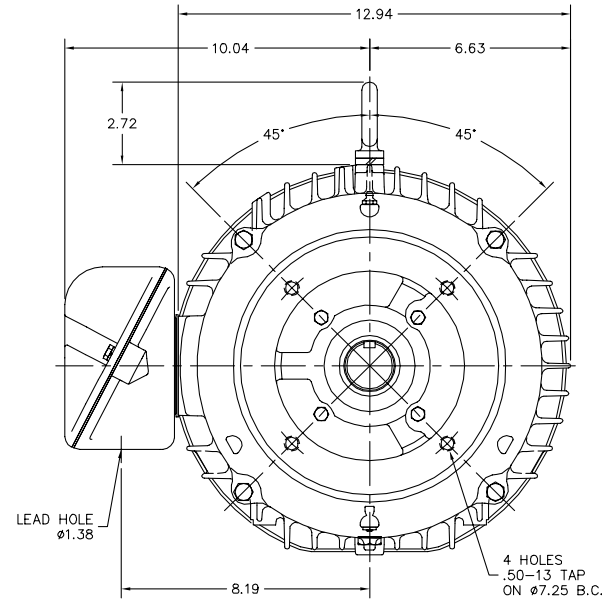
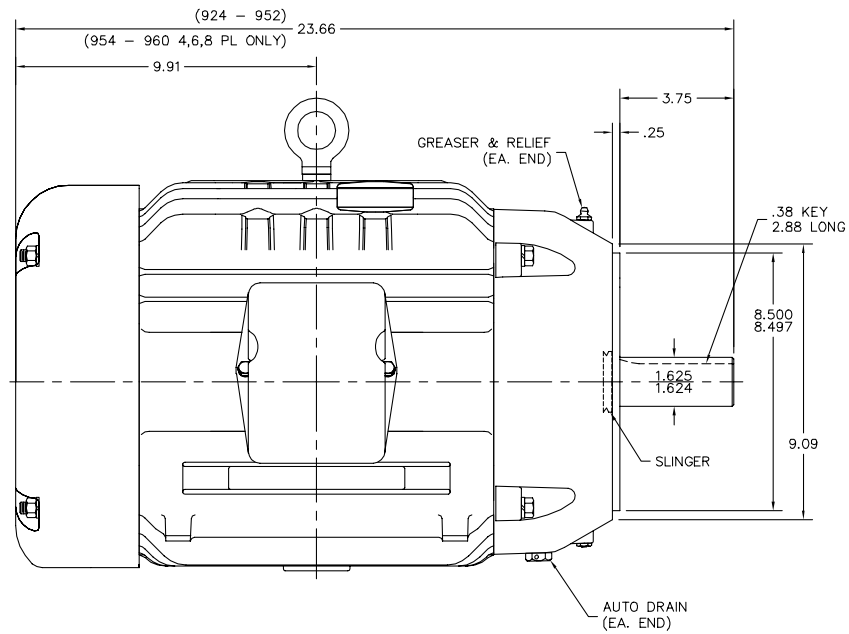
**Load Characteristics**

<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>	36.0	56.0	67.0	72.0	75.0	75.0	74.0
<b>Efficiency:</b>	82.9	88.6	89.9	89.9	89.2	87.1	89.5
<b>Speed:</b>	1195.0	1190.0	1184.0	1178.0	1171.0	1163.0	1174.0
<b>Line Amperes:</b>	7.82	9.42	11.61	14.38	17.56	21.2	16.29

Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values



09LYC103



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

REV. DESC: ADDED 0960 TO MAX STACK	VERSION: 03	TDR: 000000444417
REV. LTR: G	REVISD: 09: 32:13 09/26/2007	BY: ENNICO
FILE: \AAA\00027\486		
MTL: -		

**BALDOR • DODGE • RELIANCE**

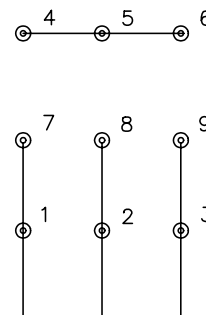
STD VERT TEFC 254-6TC

09LYC103

CD0005

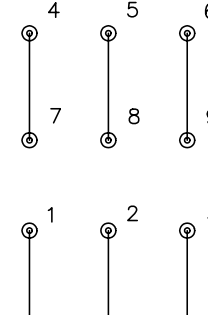


LOW VOLTAGE  
(2Y)



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