

BALDOR® • RELIANCE

Product Information Packet

IDXM7562T

40HP,1780RPM,3PH,60HZ,364T,X1452M,XPFC

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A36062M	Elec. Spec:	A36WG1487	CD Diagram:	416820-002
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	611742-001-SH1
Frame:	X364T	Mounting:	F1	Poles:	04	Created Date:	02-04-2011
Base:		Rotation:	R	Insulation:	F	Eff. Date:	07-20-2012
Leads:	3#4,6#6					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2496L			
	MOBIL POLYREX EM		

Nameplate 000613006PC	
CLASS I GROUP	D X X
CLASS II GROUP	X X X
OPERATING TEMP CODE	T2B

Nameplate 000613007HV										
CAT NO	IDXM7562T	SPEC NO.	A36-0235-1487							
SER.NO.		FRAME	364T							
	HP	RPM		VOLTS		AMPS		HZ	TYPE	P
BASE	40	1790		230/460		96.4/48.2		60	SF	1.00
MAX	40	2680		230/460		91.0/45.5		90	INSUL.CLASS	F
DRIVE END BEARING	65BC03J30X	CONSTANT TORQUE	10:1	DUTY	CONT	AMB	40			
OPP D.E. BEARING	65BC03J30X	10:1		ENCL	TEFC	PHASE	3			
DESIGN NO.	A36WG1487-R002	FLUX AMPS	38.8/19.4							
MAX SPEED/RPM	3600	OVERTEMP PROT	2	WK2	14.32	POLES	4	WEIGHT		

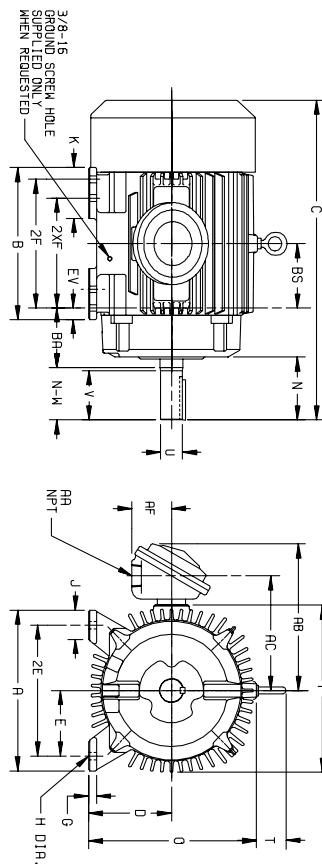
Parts List		
Part Number	Description	Quantity
SA216517	SA A36-0235-1487	1.000 EA
RA203705	RA A36-0235-1487	1.000 EA
421948032	LABEL, MYLAR	1.000 EA
NP2496L	MOTOR LUBE NAMEPLATE	1.000 EA
000692000JF	CAUTION LABEL TO PREVENT IGNITION	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
000692000FX	UL LISTED LOGO LABEL 2.53 X 0.75 X .018	1.000 EA
000613006PC	N/P U/L (REL QTY 500)	1.000 EA
000613007HV	N/P BALDOR VSMaster	1.000 EA
087793050B	BRKT 360 087793050WCB	1.000 EA
415072001B	CLAMP	1.000 EA
078559001A	+FANCV - 360	1.000 EA
034180012DA	KEY 1X4X1/4X1-1/2 L	1.000 EA
078548001K	FAN KB 100/30 (70) 360	1.000 EA
004824015A	GREASE POLYREX EM	0.540 LB
032018008AK	HHCS 1/4-20X1 PLATED	4.000 EA
032018018CK	HHCS 3/8-16X2-1/4 PLTD.	2.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
415045002E	SLGR	1.000 EA
410700004F	WSHR	1.000 EA
034017016AB	LCKW 1/2" PLATED	4.000 EA
034017012AB	LCKW 1/4 STD. PLATED	4.000 EA
032130020DB	HSNCS 1/2-13X2-1/2 PLTD.	4.000 EA
34017-14AB	LCKW 3/8 STD. PLATED	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
034530056AC	P/NIP 1/8X7L GALV-365	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
087793050A	BRKT 360 087793050WCB	1.000 EA
032018018CK	HHCS 3/8-16X2-1/4 PLTD.	2.000 EA
415045002E	SLGR	1.000 EA
034017016AB	LCKW 1/2" PLATED	4.000 EA
34017-14AB	LCKW 3/8 STD. PLATED	2.000 EA
034530020AB	P/NIP 1/8X2-1/2 PLTED	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
032130020DB	HSHCS 1/2-13X2-1/2 PLTD.	4.000 EA
073646000E	C/B 320 WA073646000 KB	1.000 EA
064069000A	C/BC320/360 X 064069000B KB	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
MG1025G05	MEDIUM CHARCOAL METALLIC GREY	0.250 GA
033775004EA	DRSCR #6-1/4 304 S.S.	8.000 EA
032018014DK	HHCS 1/2-13X1-3/4 PLTD	4.000 EA
063916001DE	+P/NIP 3X2-5/8 DIMPL-360	1.000 EA
034017016AB	LCKW 1/2" PLATED	4.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
415000103A	T/LUG #14AWG-#4AWG W/HOLE FOR .250 BOLT	1.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
032018004AM	HHCS 1/4-20X1/2PLTD GREN	1.000 EA
034036012AB	LCKW EXTERNAL TOOTH 1/4"	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
034180034HA	KEY 5/8X5/8X4-1/4 L	1.000 EA
14PA1000	PACKAGING 314 GROUP COMBINED PRINT	1.000 EA

DUTY MASTER ALTERNATING CURRENT MOTORS
SQUIBBET - CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED
SQUIRREL-CAGE INDUCTION
UNDERWRITERS LISTED MOTOR
MOUNTING: FOOT
FRAMES 250T THRU 440T
COOLING: FAN COOLED



DIMENSIONS ARE IN INCHES; SEE SHEET 2 FOR DIMENSIONS IN MILLIMETERS

	A	D(2)	E	G	H	J	K	O	P	T	AA	AB	AC	AF	BA	EV
FRAME																
2541-2617	13.20	6.25	5.00	.75	.56	2.50	--	13.25	13.25	2.44	-1/4	12.38	9.69	3.38	4.25	1.00
2617-28615	13.75	7.00	5.00	.75	.56	2.50	--	14.75	14.88	2.44	-1/2	13.25	10.56	3.38	4.75	1.00
3241-32615	7.00	6.00	6.25	.88	.69	2.75	4.50	16.69	17.00	2.44	1	17.06	12.50	4.25	2.55	1.38
3641-36515	15.00	9.00	7.00	.88	.69	2.75	4.50	18.69	19.50	2.94	3	18.81	14.25	4.25	5.88	1.38
4041-40515	19.00	10.00	8.00	1.12	.81	3.25	4.62	21.31	22.50	2.94	3	20.50	15.88	4.25	6.62	1.13
4441-44515	21.00	11.00	9.00	1.12	.81	3.25	5.25	23.38	25.25	3.25	3	26.25	20.38	4.00	7.50	1.25

(1)

(1)	FRAME	SHAPE AND SIZE										WEIGHT LBS (3)		
		C	BS	B	2F	(4) 2X	N	N-W(6)	U(5)	V	SO.		LGTH	
	2541	24.56	5.00	12.00	----	8.25	4.06	4.00	1.625	3.75	3.75	2.88	345	
	2561	24.56	5.00	12.00	10.00	----	----	4.06	4.00	1.625	3.75	3.75	2.88	345
	2613	27.44	3.50	13.00	----	----	9.50	4.69	4.62	1.875	4.36	3.60	3.28	248
	2633	25.00	5.00	13.00	11.00	----	8.50	4.69	4.62	1.875	4.36	3.60	3.28	248
	2683	26.96	5.50	13.00	----	----	9.50	4.69	4.62	1.875	4.36	3.60	3.28	248
	2683	26.96	5.50	13.00	11.00	----	----	3.75	3.72	1.625	3.00	3.75	1.88	510
	3247	30.44	6.00	14.75	----	----	10.50	5.62	5.28	2.125	5.00	5.00	3.88	610
	3247	30.44	6.00	14.75	----	----	10.50	5.62	5.28	2.125	5.00	5.00	3.88	610
	3261	28.94	6.00	14.75	12.00	----	5.62	5.25	2.125	5.00	5.00	3.88	650	650
	3261	28.94	6.00	14.75	12.00	----	4.12	3.75	1.875	3.50	5.00	3.88	650	650
	3647	33.44	6.12	15.00	----	----	11.25	6.00	5.88	2.375	5.62	6.25	4.25	910
	3647	33.44	6.12	15.00	----	----	11.25	6.00	5.88	2.375	5.62	6.25	4.25	910
	3647	33.44	6.12	15.00	12.25	----	3.88	3.75	1.875	3.50	5.00	2.00	904	904
	3657	33.44	6.12	15.00	12.25	----	5.00	5.88	2.375	5.62	6.25	4.25	904	904
	3657	33.44	6.12	15.00	12.25	----	3.88	3.75	1.875	3.50	5.00	2.00	904	904
	4047	38.31	6.12	15.00	----	----	12.25	7.50	7.25	2.875	7.00	7.50	5.00	1300
	4047	38.31	6.12	15.00	----	----	12.25	7.50	7.25	2.875	7.00	7.50	5.00	1300
	4057	38.31	6.12	15.00	13.75	----	7.50	7.25	2.875	7.00	7.50	5.00	1300	1300
	4057	38.31	6.12	15.00	13.75	----	4.50	4.25	2.125	4.00	5.00	2.75	1326	1326
	4447	44.62	8.16	16.00	----	----	14.50	8.94	8.50	3.375	8.25	8.75	6.88	1754
	4447	44.62	8.16	16.00	----	----	14.50	8.94	8.50	3.375	8.25	8.75	6.88	1754
	4457	44.62	8.16	16.00	16.50	----	8.94	8.50	3.375	8.25	8.75	6.88	1860	1860
	4457	44.62	8.16	16.00	16.50	----	8.94	8.50	3.375	8.25	8.75	6.88	1860	1860
	4457	44.62	8.16	16.00	16.50	----	5.19	4.75	2.375	4.50	6.25	3.00	1944	1944

- (1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
CADDU BOX LOCATED ON OPPOSITE SIDE WHEN F-2-W-7.
W-4-W-5-W-7, OR C-1 MOUNTING IS SPECIFIED.
- (2) "D" VARIES $\begin{cases} 2501 - 3201 + .00, -.03, \\ 3801 - 4401 + .00, -.06, \end{cases}$
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
- (3) "U" VARIES $\begin{cases} \text{UP TO } 1.625 \text{ DIA.} + .0000, -.0005 \\ 1.625 \text{ AND LARGER} + .000, -.001. \end{cases}$
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STD. SHAFT EXTENSION IS .002 T.I.R. UP TO AND INCLUDING 1.625 DIA. AND .003 T.I.R. 1.625 DIA. TO 5 INCH DIA.
- (4) ALL FRAMES HAVE EIGHT MOUNTING HOLES FOR DUAL MOUNTING.
- (5) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.
- (6) "N-W" VARIES +.00, -.25.

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2, W-1, W-4, W-5, W-7, OR C-1 MOUNTING IS SPECIFIED.

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STD. SHAFT EXTENSION IS .002 T.I.R. UP TO AND INCLUDING 1.625 DIA. AND .003 T.I.R. 1.625 DIA. TO 5 INCH DIA.

FRAME _____ TYPE _____ CERTIFIED FOR _____
 ORDER _____ ITEM _____ HP _____ PH _____ HZ _____ VOLTS _____
 SALES ORDER _____ APPROVED BY _____ DATE _____

611742-001-SH1

611742-001-SH1

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

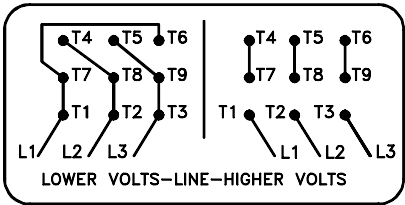
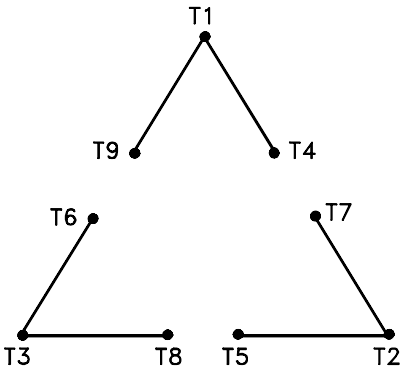
REV. DESC: ASSIGNED TO BUSLOAD		
REV. LTR: A	VERSION: 01	TDR: 000000467918
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MTL: -		

Baldor • Dodge • Reliance

DIM SHT FCXP FT 250-440T
SH 1 of 1

416820-002

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 9 LEAD DELTA-CONNECTED



(N.P. 1575-B)

416820-002

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\661		REVISED: 10: 47: 51 04/30/2010
MTL: -		BY: RAGRA

BALDOR	
CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED	
SH 1 of 1	