

BALDOR · RELIANCE II

Product Information Packet

IDXM7037T

2HP,1760RPM,3PH,60HZ,145TC,3535M,XPFC,F1

BALDOR • RELIANCE Product Information Packet: IDXM7037T - 2HP,1760RPM,3PH,60HZ,145TC,3535M,XPFC,F1

Part Detail							
Revision:	К	Status:	PRD/A	Change #:		Proprietary:	No
Туре:	AC	Prod. Type:	3535M	Elec. Spec:	35WGZ542	CD Diagram:	CD0005
Enclosure:	XPFC	Mfg Plant:		Mech. Spec:	35N256	Layout:	35LYN256
Frame:	145TC	Mounting:	F1	Poles:	04	Created Date:	11-24-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	07-22-2015
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

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Nameplate N	IP0887XPSLEV						
NO.		СС	010A				
S/N		TEMP CODE	T3C				
SPEC.	35N256Z542G1	INV.TYPE	PWM				
CAT.NO.	IDXM7037T	C HP FR	60	C HP TO	90		
HP	2	CT HZ FROM	6	СТ НΖ ТО	60		
VOLTS	230/460	VT HZ FROM	6	VT HZ TO	60		
AMPS	5.6/2.8	MAG CUR	3/1.5				
RPM	1760	MX RPM	2700				
HZ	60	PH	3	CL	F	NOM.EFF.	88.5
SER.F.	1.00	DES	В	SL HZ	1.3	WK2	0.21
FRAME	145TC	RATING	40C AMB-CONT		·		·
	55C RISE						

Parts List		
Part Number	Description	Quantity
SA212876	SA 35N256Z542G1	1.000 EA
RA200105	RA 35N256Z542G1	1.000 EA
34FN3002B01	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
35CB3001A02SP	EXPL PROOF CONDUIT BOX, 3/4"PIPE TAP LEA	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
35EP3700A01SP	FR ENDPLATE, XPFC	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3702A01SP	PU EP-205 BRG-35X-56C-143-5TC	1.000 EA
51XN1032A16	10-32 X 1.000 HX WS SL SR	2.000 EA
HA3013A01	1/2-20X5/8 SPL.HX BOLT	2.000 EA
HW3021C06	3/32 DI X .625 PIN (F/S)	2.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH4005A01SP	IEC FH NO GREASER W/AUTOPHORETIC PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35CB3500A01SP	CONDUIT BOX LID, MACH	1.000 EA
51XN2520A16	SCREW, HEX WS SLT, ZN, 1/4-20 X 1.00	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	6.000 EA
NP0018	NP- XP CONDUIT BOX	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1025Z20	ACTIVATOR WILKOFAST 060.32	0.010 GA

Parts List (continued)		
Part Number	Description	Quantity
MG1025G29	MUNSELL 4.5Y 5.3/0.7 DARK CHARCOAL GREY	0.017 GA
HA3104A10	THRUBOLT, 5/16-18 X 10.25	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP0887XPSLEV	SS XP INV UL CSA-EEV CC CL-I GP-D	1.000 EA
36PA1001	PKG GRP, PRINT PK1017A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA



Winding: 35WGZ542

Type: 3535M

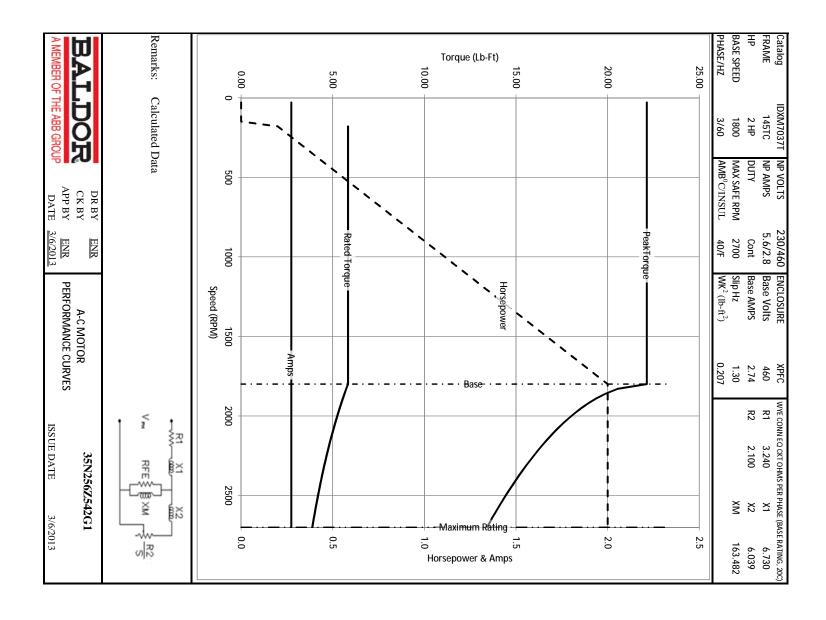
Enclosure: XPFC

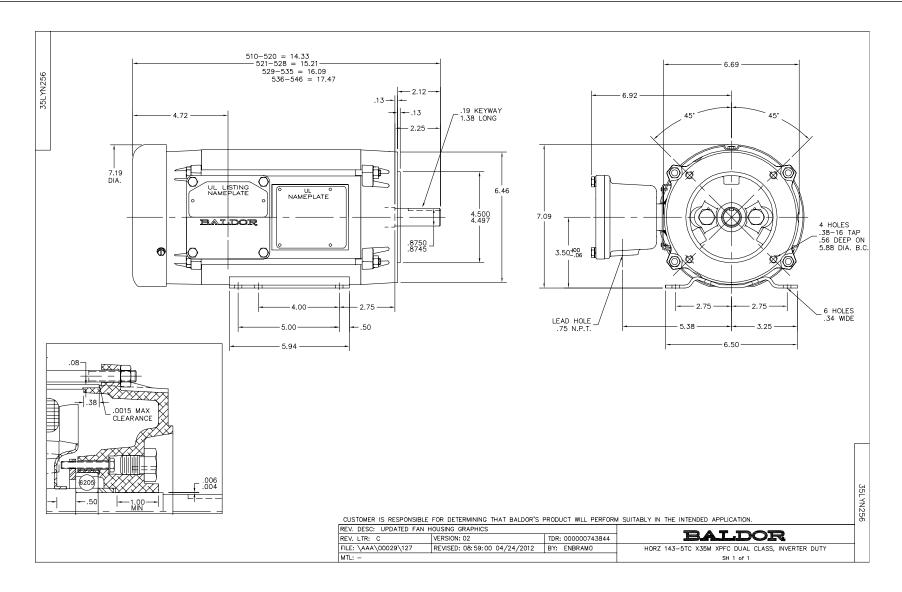
AC Induction Motor Performance Data Record # 33866 Typical performance - not guaranteed values

	Temp. Rise @ S.F. Load				S.F. Amps
49°C	Temp. Rise @ Rated Load		40C AMB-CONT	40	Rating - Duty
6.61 Ohms	Line-line Res. @ 25°C.	76	P.F.	88.5	NEMA Nom. Eff.
1.54 Amps	No-load Current		1		Service Factor
25 Amps	Starting Current	L	KVA Code	В	NEMA Design Code
19.5 LB-FT	Locked-rotor Torque	3	Phase	60	Hz
17.3 LB-FT	Pull-Up Torque		1760		R.P.M.
24.6 LB-FT	Break Down Torque		5.6/2.8		Full Load Amps
DOL	Start Configuration		230/460		Volts
5.88 LB-FT	Full Load Torque		2		Rated Output (HP)
General Characteristics at 460 V, 60 Hz: High Volt Connection	General Characteristics High Volt Connection		ata	Nameplate Data	Nan

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	Lc
1	Load
	Characteristics
	at 460
	Volts,
l	60
4	Hz,
	2 HP
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NCE	BALDOR · RELIANCE	ALDO:	Щ	rkansas	Fort Smith.	ompany	Baldor Electric Company Fort Smith, Arkansas
	3.82	3.27	2.74	2.29	1.91	1.65	Line Amperes
	1737	1749	1761	1772	1783	1792	Speed
	87.5	88.6	89	89.2	87.2	80.6	Efficiency
	84	80	76	69	55	35	Power Factor
S.F.	150	125	100	75	50	25	% of Rated Load
		, 2 111	1 O100, OC 112	Touch at 400	Load Characteristics at too vois, or ric, 2 m		





CD0002

MTL: -

3PH, DV, 9 LEADS