

BALDOR® • **RELIANCE**

Product Information Packet

ZDBRPM362004

200HP, 1750RPM, 3PH, 60HZ, L3614, TEBC, FOOT

Part Detail							
Revision:	-	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:		Elec. Spec:	L3375A	CD Diagram:	422927-001
Enclosure:	TEBC	Mfg Plant:		Mech. Spec:		Layout:	609994-002
Frame:	L3614	Mounting:	F3	Poles:	04	Created Date:	04-10-2015
Base:		Rotation:	R	Insulation:	H	Eff. Date:	04-13-2015
Leads:						Replaced By:	
Literature:		Elec. Diagram:					

Nameplate 000613006NS																																	
	<table border="1"> <thead> <tr> <th>DUTY</th> <th>HP</th> <th>RPM</th> <th>AMPS</th> <th>VOLTS</th> <th>HZ</th> </tr> </thead> <tbody> <tr> <td>CONT</td> <td>200</td> <td>1785</td> <td>229</td> <td>460</td> <td>60</td> </tr> <tr> <td>CONT</td> <td>200</td> <td>3565</td> <td>226</td> <td>460</td> <td>120</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	DUTY	HP	RPM	AMPS	VOLTS	HZ	CONT	200	1785	229	460	60	CONT	200	3565	226	460	120														
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S.F.	1.0																																
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Parts List		
Part Number	Description	Quantity
WS286643	WS P36L0239	1.000 EA
RA282851	RA P36L0239	1.000 EA
000613006NS	RPM AC WITH CERTIFIED LOGO	1.000 EA
000692000FP	NP, WARNING LIFT INSTRUCTIONS	1.000 EA
000692000NH	LABEL DIRECTION AIR FL	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
418057747A	METAL FASTENER	8.000 EA
422927001	C/D LABEL	1.000 EA
004824015A	GREASE POLYREX EM	0.600 LB
034693001AB	PPLG - G508- use 034692001AB	1.000 EA
034693001AB	PPLG - G508- use 034692001AB	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001BB	GREASE FTG,GRS.IN	1.000 EA
036000100KB	HHCS,ODE CAP	3.000 EA
036100090KA	SHCS SHAFT BLOCK	3.000 EA
036140001D	EYEBOLT - 360	2.000 EA
036500013AB	HX NUT,ODE BRKT	4.000 EA
036500013AB	HX NUT,ODE BRKT	4.000 EA
400638001AD	WAVEN - 400	1.000 EA
418150003A	GREASE FITTING CAP	2.000 EA
609830005ABE	TBOLT .625 X 29.38 (RE	4.000 EA
804810002A	BRKT,ODE,L360	1.000 EA
804811002A	BRKT, DE, L360	1.000 EA
000613006NT	NAME PLATE IEC	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
032018006CK	HHCS 3/8-16X3/4L PLATED	4.000 EA
033004018AB	THDRD	1.000 EA
033102012AB	NUT 1/4-20 PLATED	3.000 EA
034000012AB	WSHR 1/4 STD. PLATED	4.000 EA
034000014AB	WSH ID.406 OD.812 TH.065	4.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
036000012HB	HHCS M6X12MM LONG PLATED	4.000 EA
036000012JB	M8-1.25 X 12MM HXHDC	3.000 EA
036000016JB	HHCS M8-1.25X16MMPLTD-250	4.000 EA
036000016KB	HHCSM10-1.5X16MM PLTD-280	2.000 EA
036000020JB	HHCS M8-1.25X20L PLTD-250	4.000 EA
036000045JB	M8-1.25 X 45MM HXHCS	4.000 EA
036310010FB	RHMS TERM/BLK MTG	2.000 EA
036320008CB	M2.5 SCREW	4.000 EA
036500006AB	M4-0.7 METRIC HEX NUT	2.000 EA
036620009AB	M8 EXTERNAL LK WASHER	1.000 EA
036620010AB	M10 EXT. TOOTH LK WASHER	2.000 EA
077176001A	CBOXC, PAINTED 360-400	1.000 EA
402731001A	GASK 360-440	1.000 EA
410978010C	FLANGE, INLET BLOWER HSG.	1.000 EA
410978012A	INLET SCREEN	1.000 EA
415000103E	T/LUG #4AWG-1/0AWG W/HOLE FOR .375 BOLT	1.000 EA
417733004D	GASKET CONDUIT BOX	1.000 EA
417733004E	GASKT	1.000 EA

Product Information Packet: ZDBRPM362004 - 200HP, 1750RPM,3PH,60HZ,L3614,TEBC,FOOT

418014004A	ADAPT 418014-4WCA	1.000 EA
418018074A	GROUND LABEL G100 METRIC 160 D.C.	3.000 EA
418025002A	I/ REDUCER E-Z-LOK 319-4-Comes in 10pkg	1.000 EA
418057169A	LKNUT CAMER	1.000 EA
418057381A	CONDUIT WASHER	1.000 EA
418057499A	PLATE	1.000 EA
422962126A	STUB SHAFT - 742501000	1.000 EA
607980192B	RF,BEI,HS35,TWISTLOCK	1.000 EA
610490001A	.5HP,3450//2850RPM,3PH,60//50HZ,56C,3420	1.000 EA
611917002A	GASKT	1.000 EA
611965001B	WHEEL, BLOWER	1.000 EA
706313055A	HOUSING, BLOWER	1.000 EA
706320016A	CONDUIT BOX	1.000 EA
804815001A	COVER L360 AC FAN CVR	1.000 EA
804815002A	COVER L360 AC FAN CVR	2.000 EA
000640000P	TAG WINDING THERMOST	1.000 EA
004824007K	SPECIAL PAINT	0.300 EA
034180024HA	KEY 5/8X5/8X3 L	1.000 EA

REL. S. O. -
 FRAME L3614
 HP 200
 BASE SPEED 1785
 PHASE/HERTZ 3/60

VOLTS 460
 AMPS 229
 DUTY CONT 1.0
 S.F. 1.0
 AMB °C/INSUL 40/H

ENCLOSURE TEBC
 MAX SAFE RPM 3750
 IM (AMPS) 84
 P.F. @NL/FL .035/.866
 WK² (LB-FT²) 45

WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25 °C)
 R1 .00939
 R2 .00745
 R3 .00745

X1 .0927
 X2 .120
 XM 3.15

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1784	200	589	460	60	229
MAX SPEED	3565	200	295	460	120	226
MIN SPEED	0	0	589	6.32	.525	229


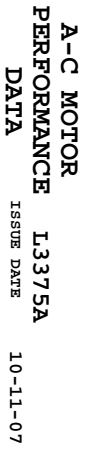
LOAD PERFORMANCE AT BASE SPEED

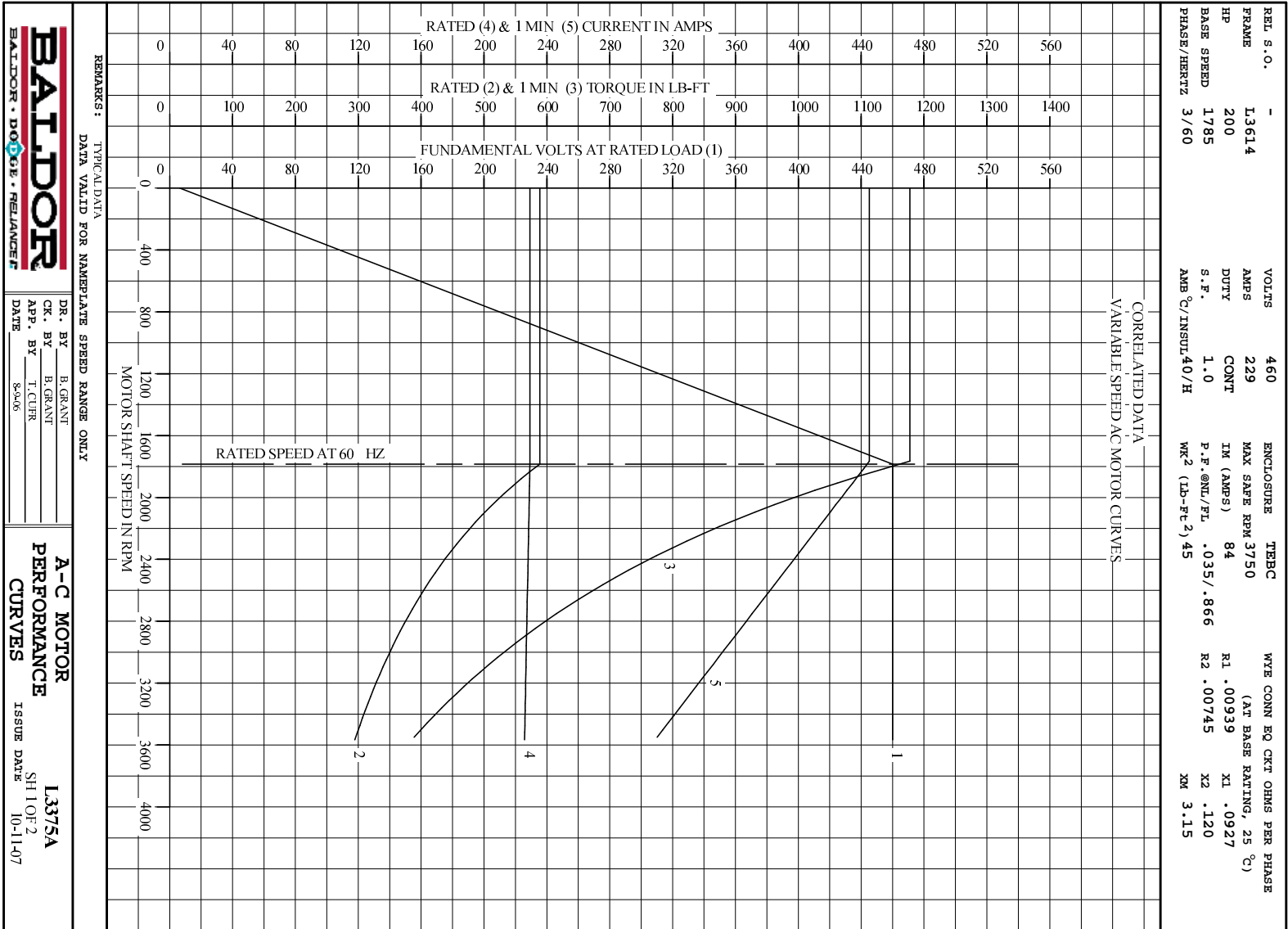
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	82.5
1/4	1796	50.0	146	460	60	100
1/2	1792	100	293	460	60	136
3/4	1788	150	440	460	60	180
FULL LOAD	1784	200	589	460	60	229
O/L	1766	396	1177	460	60	445

BLOWER DATA

VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM

REMARKS: TYPICAL DATA
 CORRELATED DATA

	DR. BY B. GRANT	
	CK. BY B. GRANT	
	APP. BY T. CUPR	
	DATE 8-9-06	
		ISSUE DATE 10-11-07



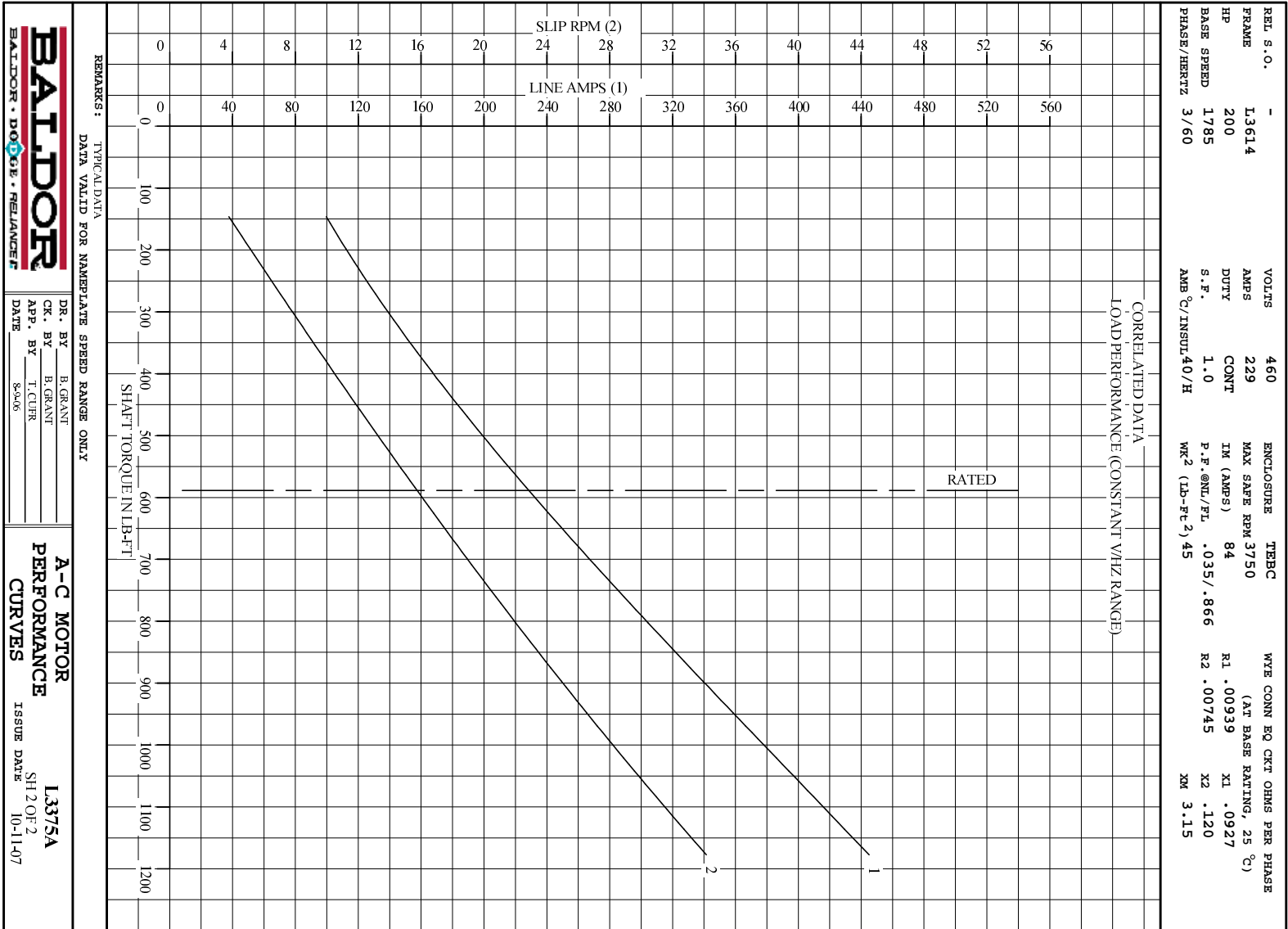
BALDOR
BALDOR • DOUGLASS • RELIANCE

DR. BY B. GRANT
 CK. BY B. GRANT
 APP. BY T. CURR
 DATE 8-9-06

A-C MOTOR
PERFORMANCE
CURVES

L375A
 SH 1 OF 2
 ISSUE DATE 10-11-07

1



DR. BY B. GRANT
 CK. BY B. GRANT
 APP. BY T. CURR
 DATE 8-9-06

**A-C MOTOR
 PERFORMANCE
 CURVES**

L3375A
 SH 2 OF 2
 ISSUE DATE 10-11-07

609994-002

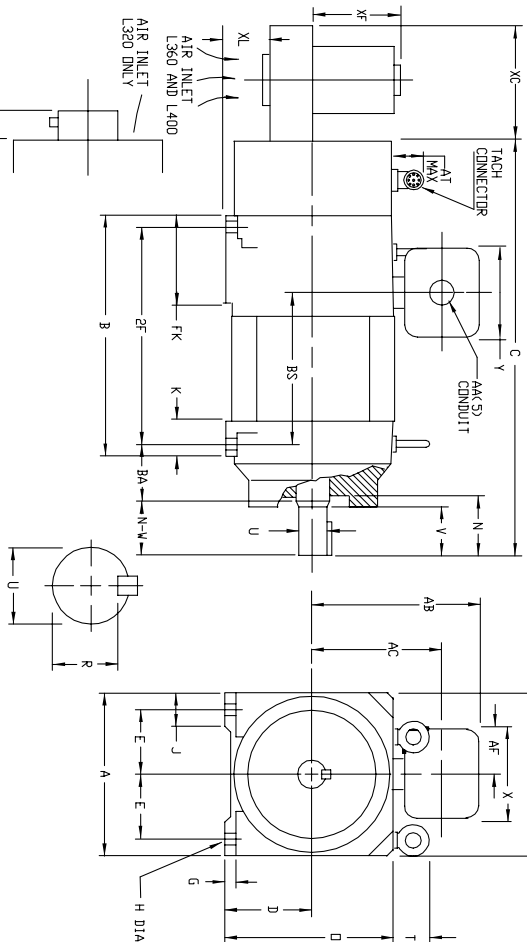
VARIABLE SPEED ALTERNATING CURRENT MOTORS RPM AC

ENCLOSURE: TOTALLY ENCLOSED
MOUNTING: FOOT

COOLING: BLOWER COOLED
AIR-OVER INLINE

ACCESSORIES: FLANGE MOUNTED
TACHOMETER

FRAMES L3281 THRU UL4046



DIMENSIONS ARE IN INCHES

FRAME	A	DC1)	E	G	H	J	D	P	T	BA	K	FK	AT
L3281 THRU L3292	15.50	8.00	6.25	.89	6.91	3.00	15.81	15.62	2.44	5.25	3.25	8.00	4.00
L3699Z THRU UL3614	17.50	9.00	7.00	1.06	8.1	3.25	17.81	17.62	2.81	5.88	3.75	10.00	4.00
4002 THRU UL4046	19.44	10.00	8.00	1.12	8.1	3.50	19.81	19.62	3.56	6.62	4.00	11.50	4.00

FRAME	METHOD OF DRIVE	C	B	BS	2R	DRIVE END SHAFT AND KEY						XL	XC	XF	WT. LBS.	
						N	N-W	N-E	V	RC3)	SO					LGTH
L3281	(4)	38.25	22.25	15.12	20.25	5.50	5.25	2.625	5.00	2.275	.625	4.00	1.69	-----	850	
L3292	(4)	41.00	25.00	17.88	23.00	5.50	5.25	2.625	5.00	2.275	.625	4.00	1.69	-----	1000	
L3699Z	COUPLED	42.44	27.00	19.25	24.75	5.19	4.75	2.375	4.50	2.021	.625	3.00	5.19	10.12	7.00	1185
UL3699Z	BELTED	44.19	27.00	19.25	24.75	6.94	6.75	3.375	6.25	2.880	.875	5.00	5.19	10.12	7.00	1235
L3607Z	COUPLED	44.44	29.00	21.25	26.75	5.19	4.75	2.375	4.50	2.021	.625	3.00	5.19	10.12	7.00	1360
UL3607Z	BELTED	46.19	29.00	21.25	26.75	6.94	6.75	3.375	6.25	2.880	.875	5.00	5.19	10.12	7.00	1410
L3698Z	COUPLED	45.44	30.00	22.25	27.75	5.19	4.75	2.375	4.50	2.021	.625	3.00	5.19	10.12	7.00	1525
UL3698Z	BELTED	47.19	30.00	22.25	27.75	6.94	6.75	3.375	6.25	2.880	.875	5.00	5.19	10.12	7.00	1575
L3614Z	COUPLED	49.44	34.00	26.25	31.75	5.19	4.75	2.375	4.50	2.021	.625	3.00	5.19	10.12	7.00	1720
UL3614Z	BELTED	51.19	34.00	26.25	31.75	6.94	6.75	3.375	6.25	2.880	.875	5.00	5.19	10.12	7.00	1750
L4022Z	COUPLED	49.12	33.00	24.38	30.50	4.56	4.75	2.375	4.50	2.021	.625	3.00	5.69	12.00	10.31	1760
UL4022Z	BELTED	52.88	33.00	24.38	30.50	8.31	8.50	3.875	8.25	3.309	1.00	6.88	5.69	12.00	10.31	1810
L4034Z	COUPLED	52.12	36.00	27.38	33.50	4.56	4.75	2.375	4.50	2.021	.625	3.00	5.69	12.00	10.31	2160
UL4034Z	BELTED	55.88	36.00	27.38	33.50	8.31	8.50	3.875	8.25	3.309	1.00	6.88	5.69	12.00	10.31	2210
L4046Z	COUPLED	55.12	39.00	30.38	36.50	4.56	4.75	2.375	4.50	2.021	.625	3.00	5.69	12.00	10.31	2460
UL4046Z	BELTED	58.88	39.00	30.38	36.50	8.31	8.50	3.875	8.25	3.309	1.00	6.88	5.69	12.00	10.31	2510

(1) "D" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .03 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.

- (2) "U" VARIES --- + .000 - .001
- (3) "R" VARIES --- + .000 - .015
- (4) METHOD OF DRIVE COUPLED OR BELTED
- (5) TERMINAL BOX DIMENSIONS *AA', *AB', *AC', *AF', *X', AND *Y', CHANGE FRAME DESIGNATION FROM S TO Z.

WALLS OR OBSTRUCTIONS MUST NOT ENCRUGH ON AIR INLET SPACE *XL'. TERMINAL BOX CAN BE ROTATED IN 90 DEG. INCREMENTS. TERMINAL BOX CAN BE LOCATED ON SIDE IN F1 OR F2 POSITION WHEN SPECIFIED FOR NON-STANDARD RATINGS AND/OR ACCESSORIES IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

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

REV. DESC: REV'D "C" DIM ON L360 FRAME SIZES	VERSION: 01	TDR: 000000512920
REV. LTR: A	REVISED: 03:26:09 09/23/2009	BY: RGGAB1
FILE: \RGG\00005\344		
MTL: -		

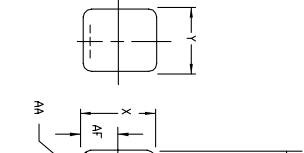
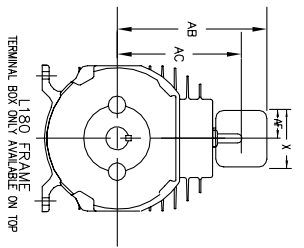
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L3281 THRU UL4046 TEOA-BC DIM SHEET

SH 1 of 1

200-6999909

RPM AC INDUSTRIAL ALTERNATING CURRENT MOTORS
 STEEL, CAST IRON, MILL AND TERMINAL BOARD CONDUIT BOX DIMENSIONS
 NEMA FRAMES L180 thru L440 and IEC FRAMES DL112 thru DL280



DIMENSIONS ARE IN INCHES (mm)

STEEL TERMINAL BOX DIMENSIONS (MAXIMUM)						CAST IRON TERMINAL BOX DIMENSIONS (MAXIMUM)					
FRAME SIZE	MAX AMPS	AK(1)	AB	AC	AF	STANDARD SIZE	MAX AMPS	AK(2)	AB	AC	AF
L180	40	1.38	8.62	6.94	2.25	4.50	60	1	9.38	7.50	2.50
L210	75	2	9.38	7.50	2.81	5.62	140	3	14.25	10.50	3.62
L250	160	2	12.75	9.19	4.25	8.44	210	4	15.62	11.38	4.12
L300	305	4	14.62	10.50	5.38	10.56	360	5	18.50	13.25	7.00
L360	500	5	18.38	13.25	6.50	12.10	510	5	18.50	13.25	7.00
L400	500	5	13.75	10.63	4.25	8.44	140	3	15.38	11.50	3.62
L440	500	5	19.50	14.31	5.38	10.56	210	4	16.62	12.44	4.12
L280	160	2	15.00	10.44	4.25	8.44	510	5	19.62	14.31	7.00
L320	305	4	14.00	10.44	4.25	8.44	140	3	15.50	11.75	3.62
L360	500	5	15.88	11.75	5.38	10.56	210	4	16.88	12.62	4.12
L400	500	5	19.62	14.50	6.50	12.10	510	5	19.75	14.50	7.00
L440	500	5	13.75	10.63	4.25	8.44	140	3	15.75	12.00	3.62
L280	160	2	17.25	13.12	5.38	10.56	210	4	17.12	12.88	4.12
L320	305	4	21.00	15.88	6.50	12.10	510	5	21.12	15.88	7.00
L360	500	5	16.00	15.88	6.50	12.10	140	3	16.75	13.00	3.62
L400	500	5	16.00	15.88	6.50	12.10	210	4	16.75	13.00	3.62
L440	500	5	22.00	16.88	6.50	12.10	510	5	22.12	16.88	7.00

FRAME SIZE	MAX AMPS	AA	AB	AC	AF	STANDARD SIZE	MAX AMPS	AA	AB	AC	AF
L210	160	1.60	10.78	8.41	3.50	8.00	160	1.60	10.78	8.41	3.50
L250	160	1.60	11.84	9.47	3.50	8.00	160	1.60	11.84	9.47	3.50
L280	160	1.60	12.75	10.75	3.50	8.00	160	1.60	12.75	10.75	3.50
L320	590	3.00	14.75	11.34	4.50	16.00	590	3.00	14.75	11.34	4.50
L360	590	3.00	15.47	12.06	4.50	16.00	590	3.00	15.47	12.06	4.50
L400	590	3.00	16.47	13.06	4.50	16.00	590	3.00	16.47	13.06	4.50
L440	590	3.00	18.00	15.00	4.50	16.00	590	3.00	18.00	15.00	4.50
L440	1260	3.00	27.38	19.88	6.06	18.50	1260	3.00	27.38	19.88	6.06

FRAME NEMA/IEC	AMP'S	AA	AB	AC	AF	STANDARD SIZE	MAX AMPS	AA	AB	AC	AF
L180/UL112	85	4.0	9.38(239)	7.50(191)	2.81(72)	5.62(143)	60	1	9.38	7.50	2.50
L210/UL132	100	4.0	10.77(274)	9.04(230)	3.74(95)	7.48(190)	140	3	14.25	10.50	3.62
L250/UL160	160	4.0	11.63(296)	9.62(245)	4.41(112)	8.82(224)	210	4	15.62	11.38	4.12
L300/UL180	160	4.0	12.05(307)	10.36(264)	3.74(95)	7.48(190)	360	5	18.50	13.25	7.00
L360/UL200	160	4.0	12.95(329)	10.94(278)	4.41(112)	8.82(224)	510	5	18.50	13.25	7.00
L400/UL250	160	4.0	13.58(345)	11.57(294)	4.41(112)	8.82(224)	510	5	18.50	13.25	7.00
L440/UL280	160	4.0	19.09(485)	14.37(365)	6.20(158)	14.39(366)	510	5	18.50	13.25	7.00
L360/UL200	800	8.00	20.06(510)	17.53(446)	6.20(158)	14.39(366)	510	5	18.50	13.25	7.00
L320/UL180	800	8.00	20.78(528)	18.25(464)	6.20(158)	14.39(366)	510	5	18.50	13.25	7.00
L300/UL160	800	8.00	21.75(553)	19.25(489)	6.20(158)	14.39(366)	510	5	18.50	13.25	7.00
L280/UL140	800	8.00	25.94(659)	18.44(468)	6.06(154)	18.50(470)	510	5	18.50	13.25	7.00
L250/UL125	1260	12.60	27.38(696)	19.88(505)	6.06(154)	18.50(470)	510	5	18.50	13.25	7.00
L210/UL100	1300	13.00	30.38(772)	21.38(543)	12.44(316)	24.00(610)	510	5	18.50	13.25	7.00

FRAME SIZE	YAB	XY	PART NUMBER	FRAME SIZE	YAB	XY	PART NUMBER
L210/UL132	7.48	4.25	602007-56-A	L210/UL132	10.88	8.00	706310-3-B
L250/UL160	8.44	4.25	602007-56-A	L250/UL160	11.88	8.00	706310-3-B
L300/UL180	9.12	4.25	602007-56-A	L300/UL180	12.62	8.00	706310-3-B
L360/UL200	10.00	4.25	602007-56-A	L360/UL200	13.50	8.00	706310-3-B
L400/UL250	11.00	4.25	602007-56-A	L400/UL250	14.50	8.00	706310-3-B
L440/UL280	12.00	4.25	602007-56-A	L440/UL280	15.50	8.00	706310-3-B
L440/UL280	13.12	4.25	602007-56-A	L440/UL280	16.62	8.00	706310-3-B

(1) *AF CONDUIT.
 (2) *AF PIPE TAP.
 (3) *CUSTOMER PROVIDED.
 (4) 2" DN -5A OR 1" TAP DN -4C
 CONDUIT BOX CAN BE ROTATED 360°. CONDUIT BOX MAY BE LOCATED FL, F2 OR F3 AS SPECIFIED

100-6671919

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

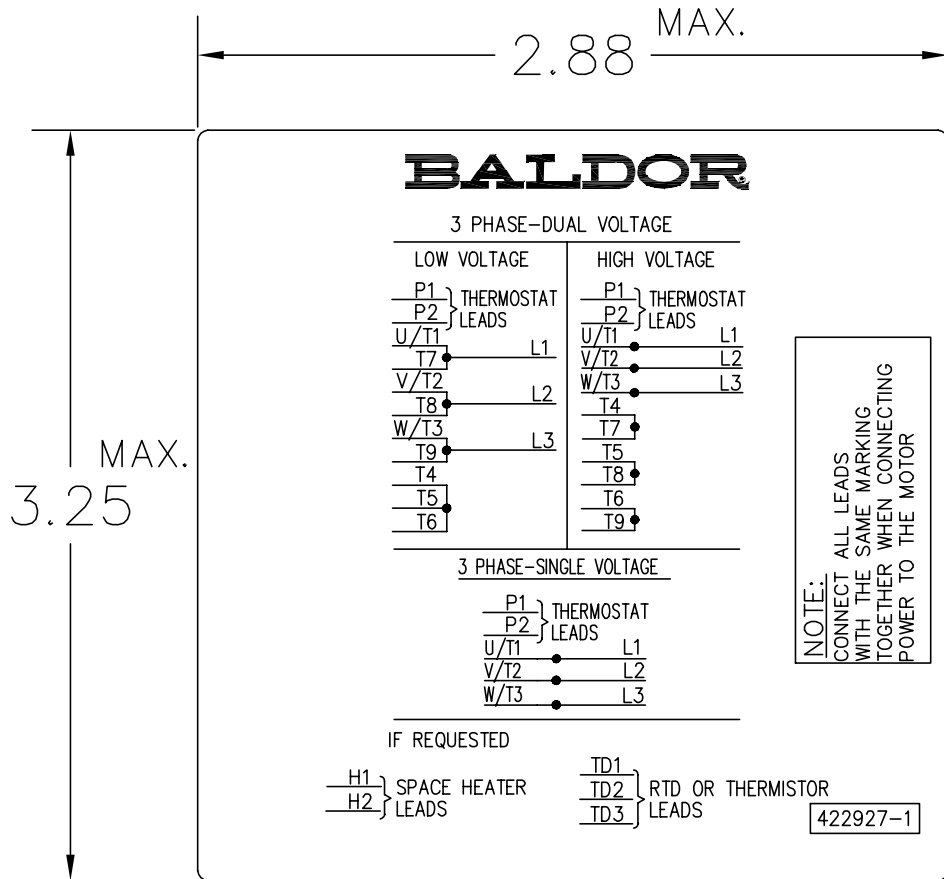
REV. DESC: ADD 1260 AMP L400, ADD 1300 AMP L440	TDR: 000000B04459
REV. LTR: A	VERSION: 01
FILE: \RGG\00003\688	REVISED: 10: 23: 58 06/18/2013
MTL: -	BY: RGGWT



DIM SHT NEMA L180 THRU L440 & IEC DL112 THRU DL280

SH 1 of 1

422927-001



NOTE:
DATA TO BE SIZED
SO THAT IT FITS INTO
MATERIAL DECAL
DIMENSIONS. MAKE
LETTERS & NUMBERS
AS LARGE AS POSSIBLE.

MATERIAL: CERAMATIC DGF-P4
PERMA GRIP ADHESIVE

ALL LETTERS, NUMBERS
AND LINES TO BE BLACK
ON WHITE BACKGROUND.

NOTE:
CONNECT ALL LEADS
WITH THE SAME MARKING
TOGETHER WHEN CONNECTING
POWER TO THE MOTOR

422927-001

REV. DESC: CHANGE BACKGROUND COLOR FROM GOLD TO WHITE		
REV. LTR: B	VERSION: 02	TDR: 000000788708
FILE: \RGG\00000\203	REVISED: 08:09:29 03/04/2013	
MTL: -	BY: RGGWT	

BALDOR

EXTERNAL CONNECTION LABEL

SH 1 of 1

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