

BALDOR® • *RELIANCE*

Product Information Packet

IDBRPM403004R1

300HP, 1785/3570RPM, 460V, 3PH, TEBC, FL4034

Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:		Elec. Spec:	L6190A	CD Diagram:	422927-001
Enclosure:	TEBC	Mfg Plant:		Mech. Spec:		Layout:	616779-001
Frame:	FL4034	Mounting:	F3	Poles:	04	Created Date:	04-09-2015
Base:		Rotation:	R	Insulation:	H	Eff. Date:	11-18-2015
Leads:						Replaced By:	
Literature:		Elec. Diagram:					

		DUTY	HP	RPM	AMPS	VOLTS	HZ			
	CONT		300	1785	341	460	60			
	CONT		300	3570	334	460	120			
CAT.NO.	IDBRPM403004R1			SPEC. NO.		P40T1331				
SER.NO.				FR	FL 4034	INSUL	H			
PH.	3		MAX SAFE SPEED	3750		AMB.	40			
DESIGN NO.	L6190A			TYPE			ENCL.	TEAO-BC		
S.F.	1.00			D.E. BRG.	95BC02J30X					
ENCL MOD				O.D.E. BRG.	80BC03J30X					
									MIN. AMB.	-25

Parts List		
Part Number	Description	Quantity
WS286589	WS P40T1331	1.000 EA
RA282821	RA P40T1331	1.000 EA
000613006MY	NP-RPMAC INVERTER DUTY	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
418018122A	LABEL	2.000 EA
418057747A	METAL FASTENER	8.000 EA
422927001	C/D LABEL	1.000 EA
004824015A	GREASE POLYREX EM	0.900 LB
034690002AL	1/4 SQ.HD.PIPE PLUG	1.000 EA
034690002AL	1/4 SQ.HD.PIPE PLUG	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
036100090KA	HSHCS SHAFT BLOCK	4.000 EA
036100090KA	HSHCS SHAFT BLOCK	4.000 EA
036140001F	M30-3.5 X 45MM EYEBOLT	2.000 EA
036500013AB	HX NUT,ODE BRKT	4.000 EA
036500013AB	HX NUT,ODE BRKT	4.000 EA
418150003A	GREASE FITTING CAP	2.000 EA
419912001B	W WASHER	1.000 EA
602018077A	DRAIN	1.000 EA
602018077A	DRAIN	1.000 EA
609830005ACM	TBOLT	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
609830005ACX	STUD,FRAME,FL4034	2.000 EA
807586003AAA	BRKT,FL400,DE	1.000 EA
807586004AAB	BRKT,FL400,ODE	1.000 EA
000613006NT	NAME PLATE IEC	1.000 EA
032018006CK	HHCS 3/8-16X3/4L PLATED	4.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
036000012JB	M8-1.25 X 12MM HXHDC	3.000 EA
036000016HD	HXHCS	8.000 EA
036000016JB	HHCS M8-1.25X16MMPLTD-250	4.000 EA
036000016KB	HHCSM10-1.5X16MM PLTD-280	8.000 EA
036000020JD	HHCS M8X20MM LONG 304S.S	5.000 EA
036000025JB	HHCS M8X25MM LONG PLATED	4.000 EA
036000025LB	HHCS M12-1.75X25 PLATED	12.000 EA
036000055KB	M10-1.5 X 55MM HHCS	4.000 EA
036600008AD	FLTWSHR,T BLK SPT	8.000 EA
036620010AB	M10 EXT. TOOTH LK WASHER	1.000 EA
417733036C	GASKT,C/BOX BACKPLATE,REF 706310063B	1.000 EA
406673002C	.75 CAP PLUG	1.000 EA
410978010E	INLET FLGE	1.000 EA
410978019A	SCREEN, INLET FLANGE	1.000 EA
417733004G	GASKT	2.000 EA
611917002F	GASKT	1.000 EA
417733013B	GASKT (REK P/N 189486)	1.000 EA
417733014C	GASKT (REK P/N 187215)	1.000 EA

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418014014T	ADAPT,C/BOX	1.000 EA
418018074A	GROUND LABEL G100 METRIC 160 D.C.	1.000 EA
418057256C	HHCS M10 25MM 440 IEC	1.000 EA
610490001DG	2HP,3450//2890RPM,3PH,60//50HZ,56C,3532M	1.000 EA
415000103E	T/LUG #4AWG-1/0AWG W/HOLE FOR .375 BOLT	1.000 EA
611965001A	WHEEL, BLOWER	1.000 EA
613439048A	C/BOX,ADAPT,BACKPLATE	1.000 EA
706310058B	CBCVR(REK P/N 187296)	1.000 EA
706310059C	ADAPT	1.000 EA
706310063B	CBOX (REK)	1.000 EA
708528004B	BLOWER HOUSING	1.000 EA
804816051A	CVR,FAN,BRACE,FL400	4.000 EA
804816053A	CVR,FAN,FL400	1.000 EA
804816054A	GUARD,BLWR,FL400	2.000 EA
804816055A	GRILL,BLWR,FL400	1.000 EA
000640000P	TAG WINDING THERMOST	1.000 EA
004824007K	SPECIAL PAINT	0.300 EA
034180046KA	KEY 7/8X7/8X5-3/4L	1.000 EA

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE	CONN	EQ	CKT	OHMS	PER	PHASE
FRAME	FL4034	AMPS	341	MAX SAFE RPM	3750	(AT	BASE	RATING,	25	°C)		
HP	300	DUTY	CONT	IM (AMPS)	112	R1	.00622	X1	.0596			
BASE SPEED	1785	S.F.	1.0	P.F. @NL/FL	.042/.874	R2	.00444	X2	.0774			
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (lb-ft ²)	73			XM	2.17			


RATED FULL LOAD DATA

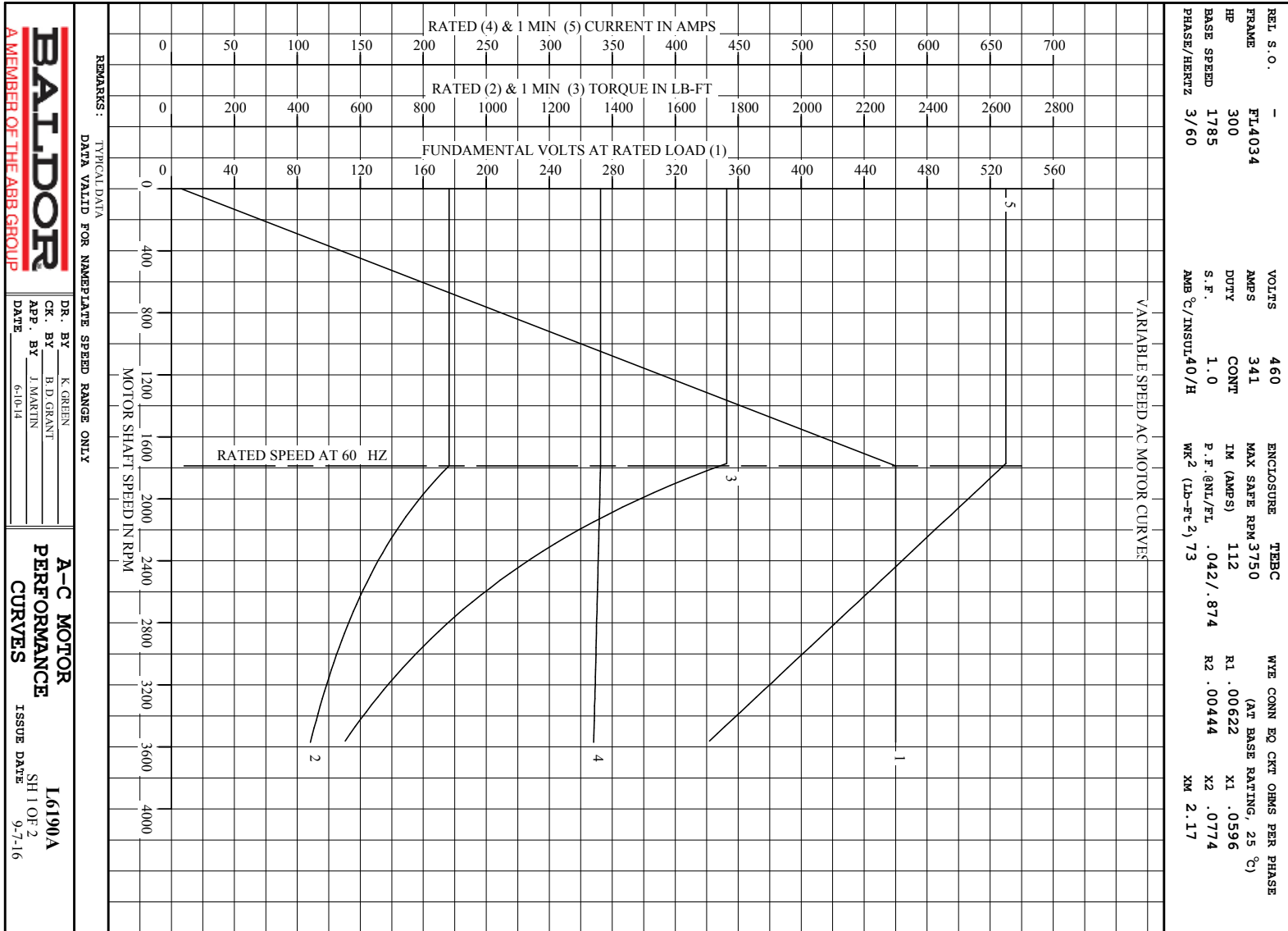
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1787	300	882	460	60	341
MAX SPEED	3571	300	441	460	120	335
MIN SPEED	0	0	882	6.23	.441	341

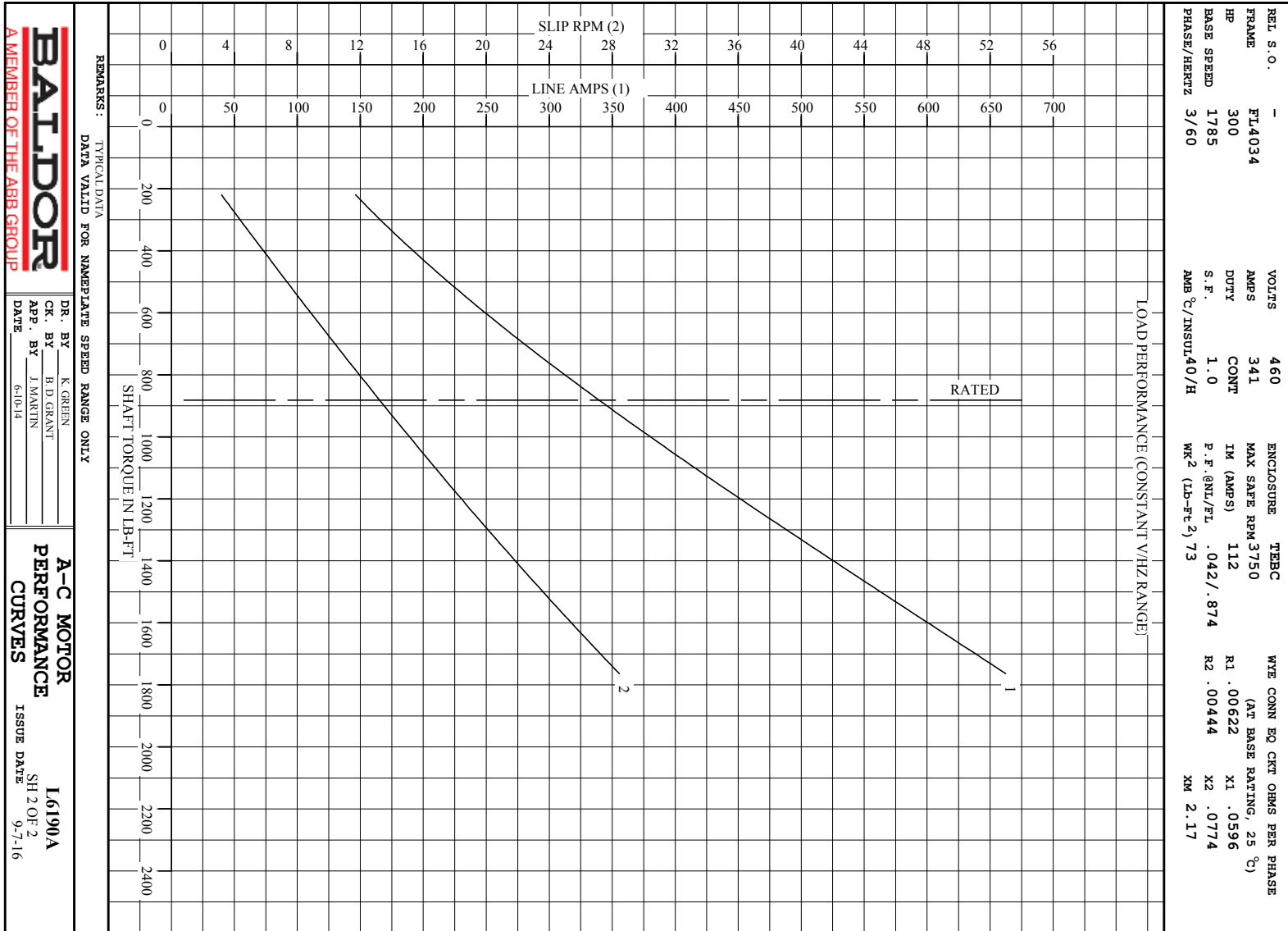
LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	112
1/4	1797	75.1	219	460	60	147
1/2	1794	150	440	460	60	201
3/4	1790	225	660	460	60	268
FULL LOAD	1787	300	882	460	60	341
O/L	1772	595	1764	460	60	663

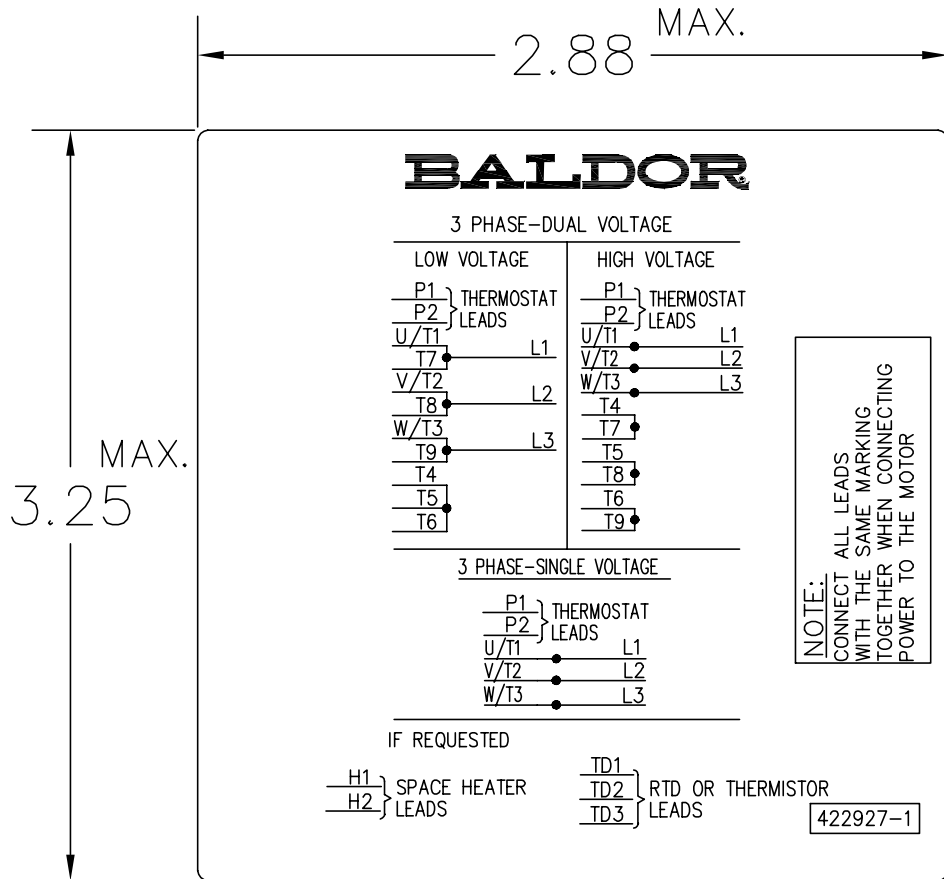
REMARKS: TYPICAL DATA

 <p>A MEMBER OF THE ABB GROUP</p>	DR. BY	K. GREEN	<p>A-C MOTOR</p> <p>PERFORMANCE I6190A</p> <p>DATA ISSUE DATE 9-7-16</p>
	CR. BY	B. D. GRANT	
	APP. BY	J. MARTIN	
	DATE	6-10-14	





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.

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

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