

ABB BALDOR RELIANCE III

Customer information packet

IDDRPM322006R1

200HP, 1150, 460V, RL3213, DPFV, F1

Specifications

Enclosure	DPFV
Frame	RL3213Z
Frame Material	Exposed Laminations
Frequency	40.00 Hz
Output @ Frequency	200.000 HP @ 40 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 40 HZ
Voltage @ Frequency	460.0 V @ 40 HZ
Agency Approvals	CCSA US
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	236.000 A @ 460.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Frame Prefix	RL
Heater Indicator	No Heater
High Voltage Full Load Amps	236.0 a
Insulation Class	H
IP Rating	NONE
Motor Standards	NEMA
Mounting Arrangement	F1
Overall Length	41.14 IN
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.00
Shaft Diameter	2.874 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Speed	1170 rpm
Thermal Device - Bearing	None

Part Detail

Revision	D
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	L1699A
Layout	619695-001
Eff. date	05-03-2022
CD Diagram	422927-001
Poles	04
Leads	
Proprietary	False
Created date	11-30-2015

Thermal Device - Winding

Normally Closed Thermostat

Nameplate

000613006MY									
	DUTY	HP	RPM	AMPS	VOLTS	HZ			
	CONT	200	1170		236	460		40	
	CONT	200	1750		226	460		60	
	CONT	200	2000		230	460		68.4	
CAT.NO.	IDDRPM322006R1			SPEC. NO.	R32-A000-0010				
SER.NO				FR	RL3213Z	INSUL	H		
PH.	3	MAX SAFE SPEED			4000	AMB.	40	MIN. AMB.	-25
DESIGN NO.	L1699A			TYPE		ENCL.	DPG-FV		
S.F.	1.00			D.E. BRG.	85BC02J30X				
ENCL MOD				O.D.E. BRG.	65BC03J30X				

FRAME	L3213	AMPS	236	MAX SAFE SPEED	4000				
HP	200	DUTY	CONT	IM (AMPS)	87	R1	.0228	X1	.112
BASE SPEED	1170	S.F.	1.0	P.F. @NL / FL	.04/.87	R2	.0192	X2	.116
PHASE/HZ	3/40	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	24			XM	3.16

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1173	200	896	460	40	236
MAX SPEED	2002	200	525	460	68.4	230
MIN SPEED	0	0	0	16.0	.914	236

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1200	0	0	460	40	84.9
1/4	1194	50.2	221	460	40	103
1/2	1187	100	443	460	40	138
3/4	1180	150	668	460	40	184
FULL LOAD	1173	200	896	460	40	236
0/L	1137	388	1792	460	40	475

REMARKS:
TYPICAL DATA



DRAWN BY: M. ORDERS
CHECKED BY: B. GRANT
APPROVED BY: T. EVON
DATE: 1/26/00

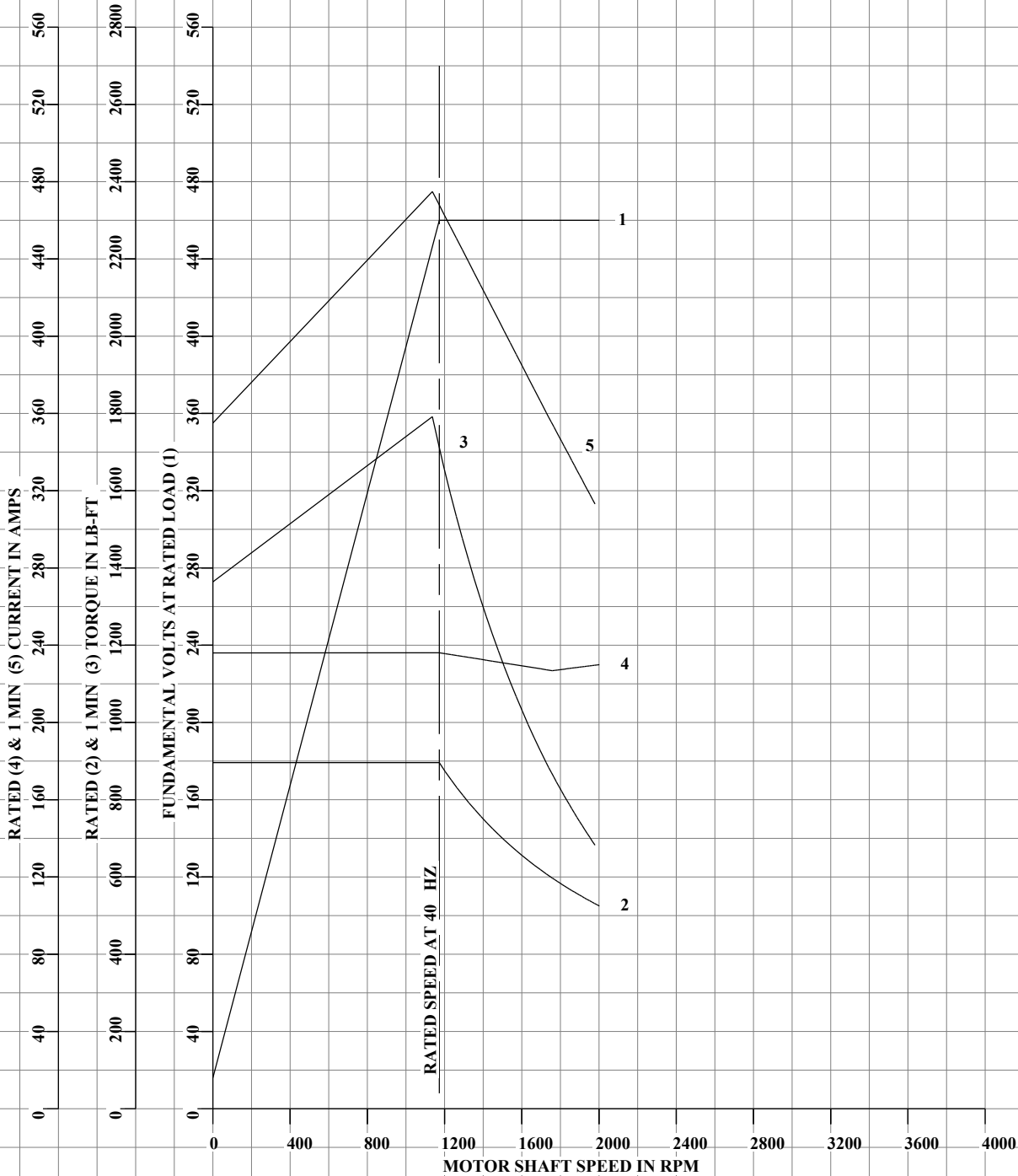
**AC MOTOR
PERFORMANCE
DATA**

L1699A

ISSUE DATE 3-12-01

FRAME	L3213	VOLTS	460	ENCLOSURE	DPFV	WYE CONNEQ	CKT OHMS PER PHASE
HP	200	AMPS	236	MAX SAFE SPEED	4000	(AT BASE RATING, 25°C)	
BASE SPEED	1170	DUTY	CONT	IM (AMPS)	87	R1	.0228 X1 .112
PHASE/HZ	3/40	S.F.	1.0	P.F. @NL / FL	.04/.87	R2	.0192 X2 .116
		AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	24		XM 3.16

VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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 APPROVED BY: T. EVON
 DATE: 1/26/00

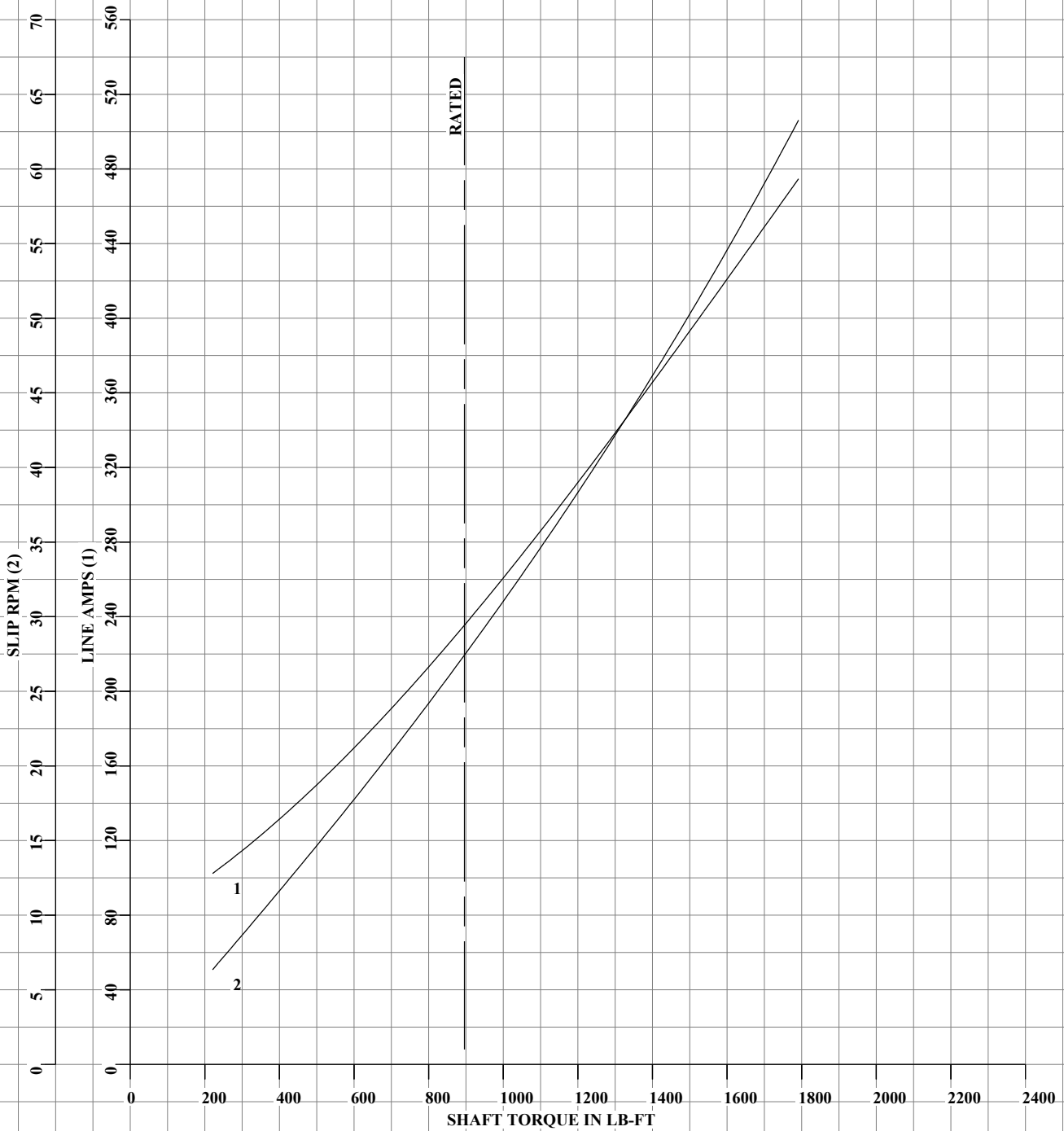
**AC MOTOR
PERFORMANCE
DATA**

L1699A

ISSUE DATE: 3-12-01

FRAME	L3213	VOLTS	460	ENCLOSURE	DPFV	WYE CONNEQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
HP	200	AMPS	236	MAX SAFE SPEED	4000	R1	.0228	X1 .112
BASE SPEED	1170	DUTY	CONT	IM (AMPS)	87	R2	.0192	X2 .116
PHASE/HZ	3/40	S.F.	1.0	P.F. @NL / FL	.04/.87			XM 3.16
		AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	24			

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

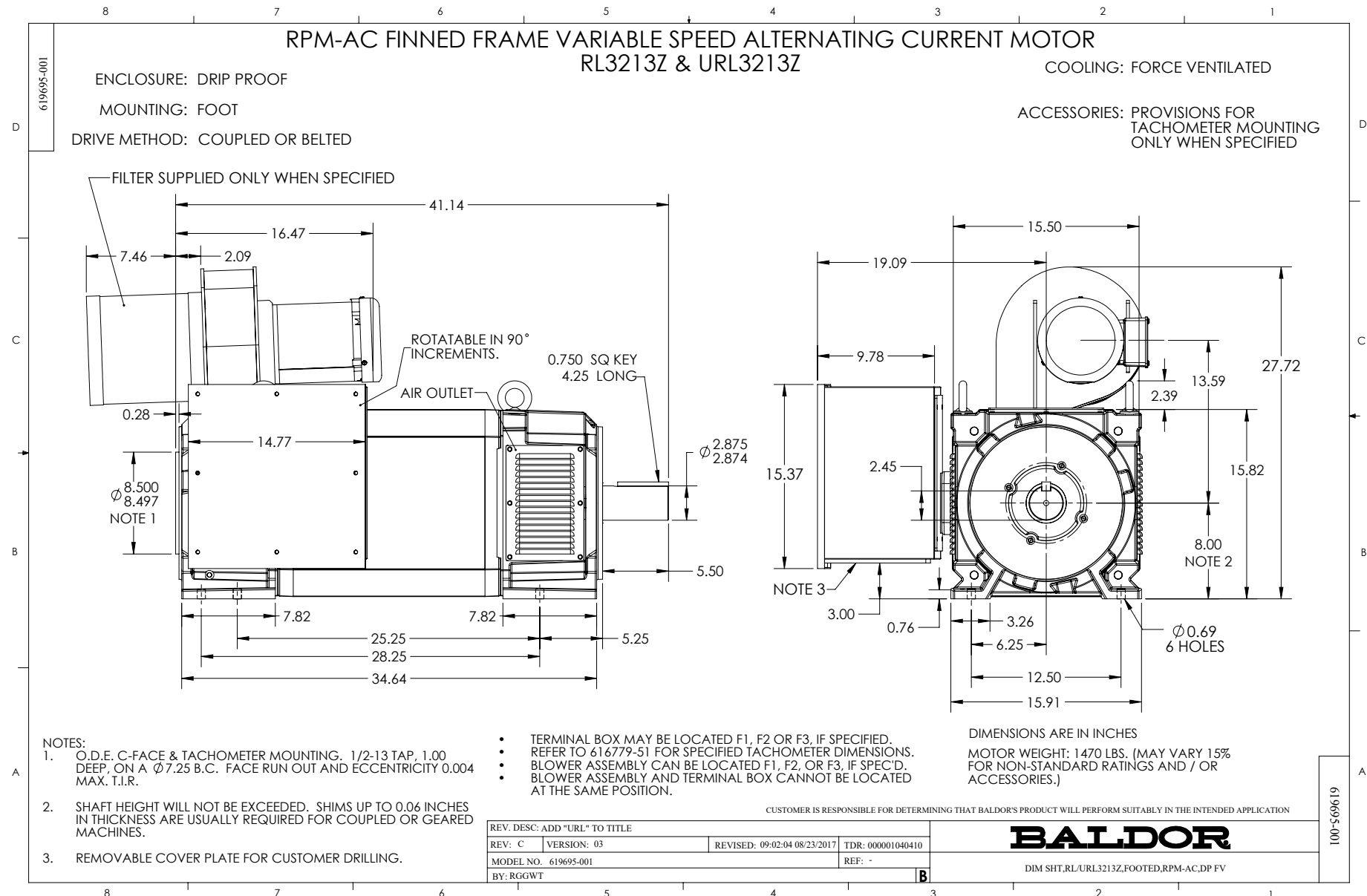


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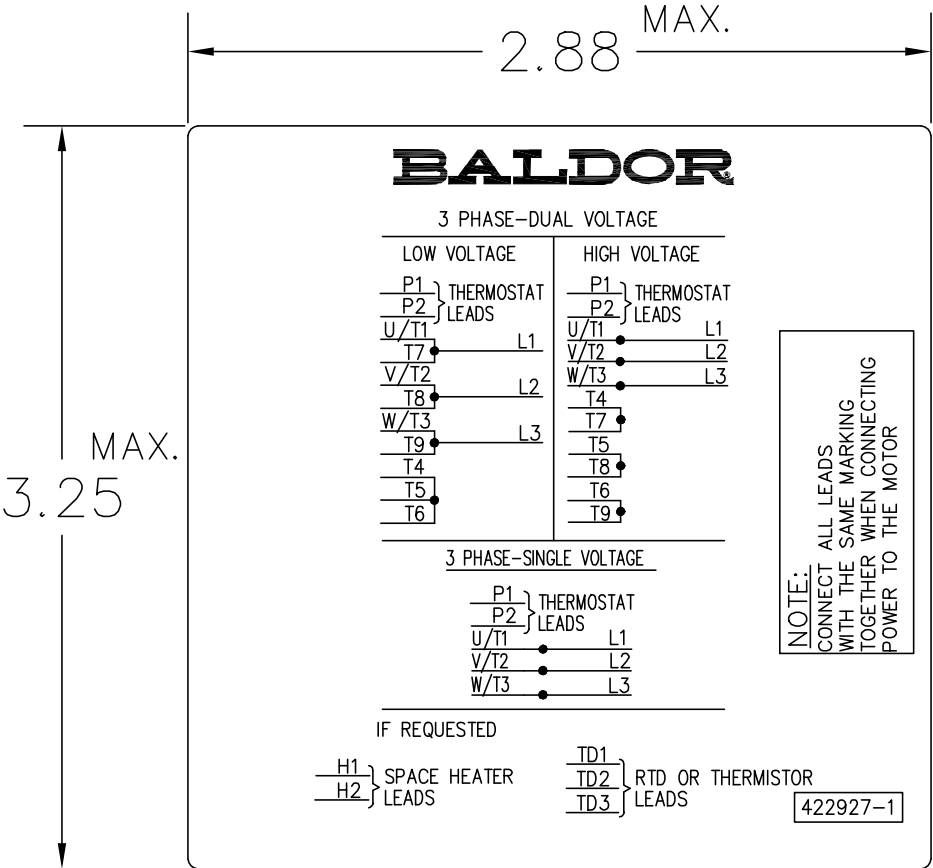
AC MOTOR
 PERFORMANCE
 DATA

L1699A

ISSUE DATE: 3-12-01



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

SH 1 of 1