



Customer information packet

IDDRPM322004ED

200HP, 1750, 460V, RL3203, DPFV, F1

Specifications

Enclosure	DPFV
Frame	RL3203Z
Frame Material	Exposed Laminations
Frequency	60.00 Hz
Output @ Frequency	200.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSA US
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	244.000 A @ 460.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Frame Prefix	RL
Heater Indicator	No Heater
High Voltage Full Load Amps	244.0 a
Insulation Class	H
IP Rating	NONE
Motor Standards	NEMA
Mounting Arrangement	F1
Overall Length	46.10 IN
Product Family	Extruder
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	1777 rpm
Starting Method	Full Voltage

Part detail

Revision	B
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	L9491A
Layout	619691-001
Eff. date	06-30-2023
CD Diagram	422927-001
Poles	04
Leads	
Proprietary	False
Created date	03-06-2023

Thermal Device - Bearing	None
Thermal Device - Winding	Thermostat And RTD

Nameplate

000613006ABS

	DUTY	HP	RPM	AMPS	VOLTS	HZ	
	CONT	200	1777	245	460	60	
	CONT	200	2300	227	460	77.7	
CAT.NO.	IDDRPM322004ED		SPEC. NO.		R32-A000-0414		
SER.NO			FR	RL3203Z	INSUL	H	
PH.	3	MAX SAFE SPEED		4000	AMB.	40	MIN. AMB. -25
DESIGN NO.	L9491A		TYPE		ENCL.	DPG-FV	
S.F.	1.00		D.E. BRG.	85BC02J30X			
ENCL MOD			O.D.E. BRG.	6313/C3VL0241			
	IP23						

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL3203	AMPS	245	MAX SAFE SPEED	4000			
HP	200	DUTY	CONT	IM (AMPS)	113	R1	.0169	X1 .0922
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.041/.831	R2	.0102	X2 .101
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK² (Lb-Ft²)	21			X3 2.39

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1777	200	591	460	60	245
MAX SPEED	2301	200	457	460	77.7	227
MIN SPEED	0	0	591	12.3	.773	245

LOAD PERFORMANCE AT BASE SPEED

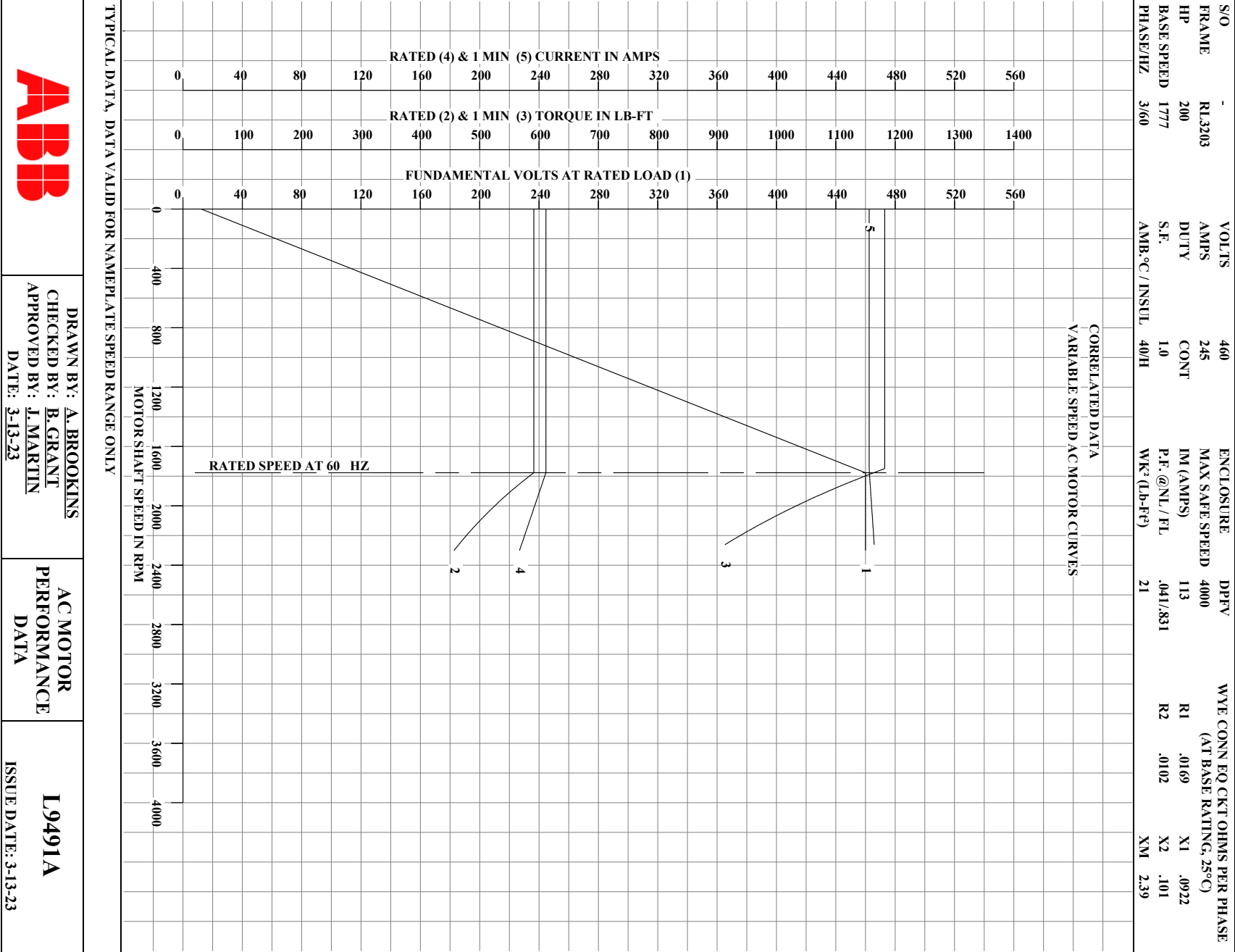
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	111
1/4	1794	50.1	147	460	60	126
1/2	1789	100	294	460	60	157
3/4	1783	150	442	460	60	197
FULL LOAD	1777	200	591	460	60	245
0/L	1749	394	1182	460	60	462

REMARKS:
TYPICAL DATA
CORRELATED DATA

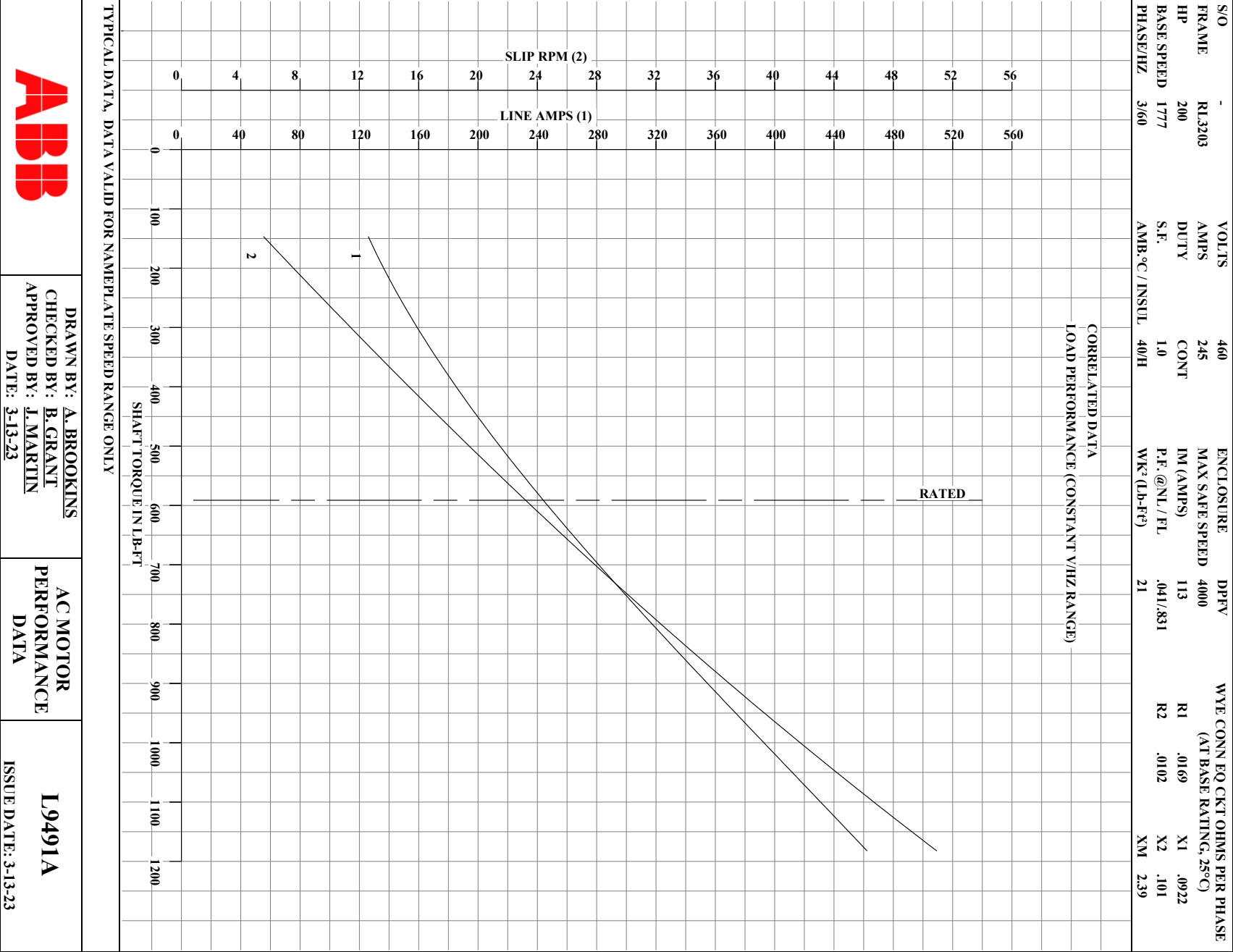
	DRAWN BY: A. BROOKINS CHECKED BY: B. GRANT APPROVED BY: J. MARTIN DATE: 3-13-23	AC MOTOR PERFORMANCE DATA	L9491A ISSUE DATE 3-13-23
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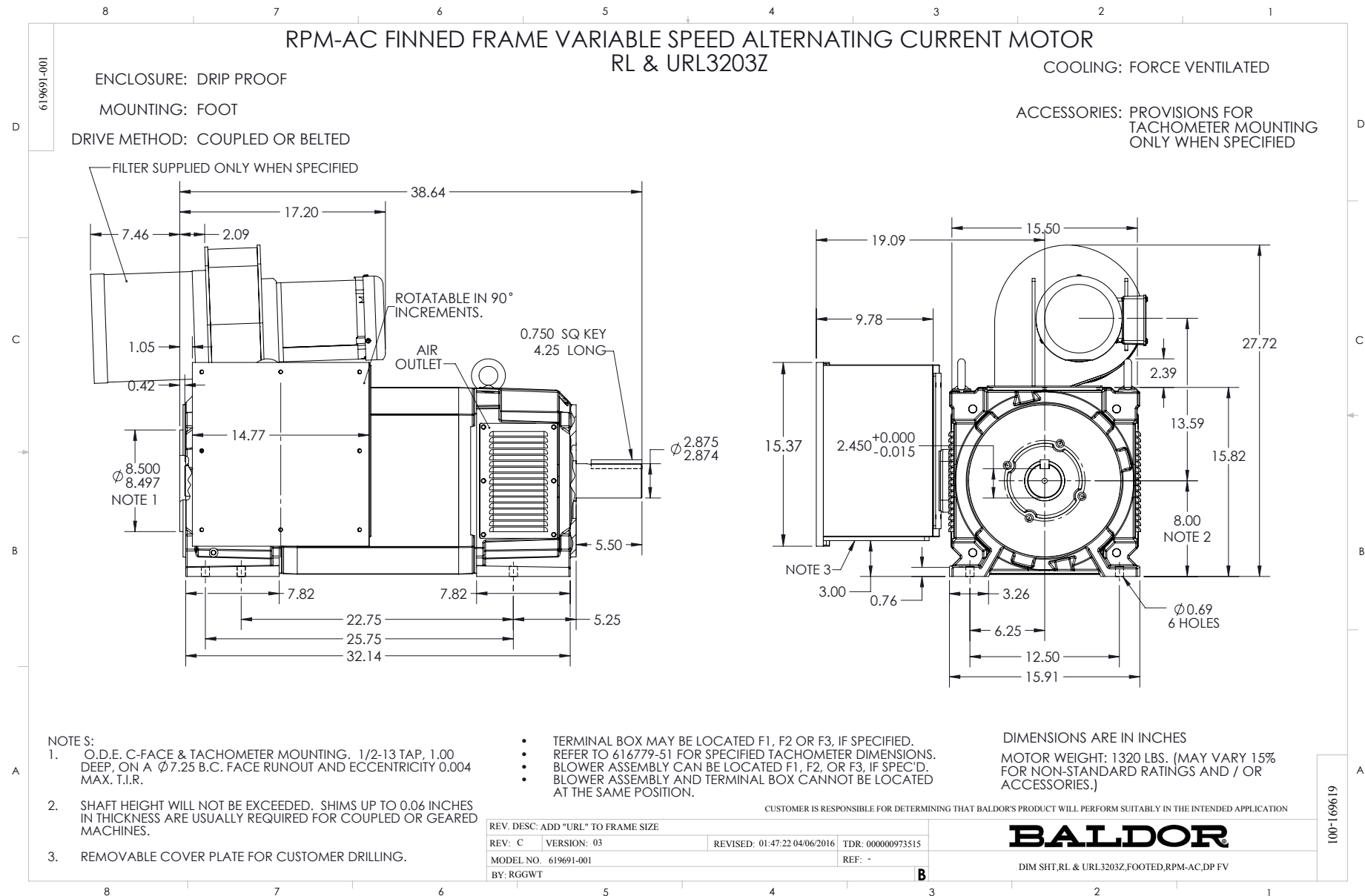
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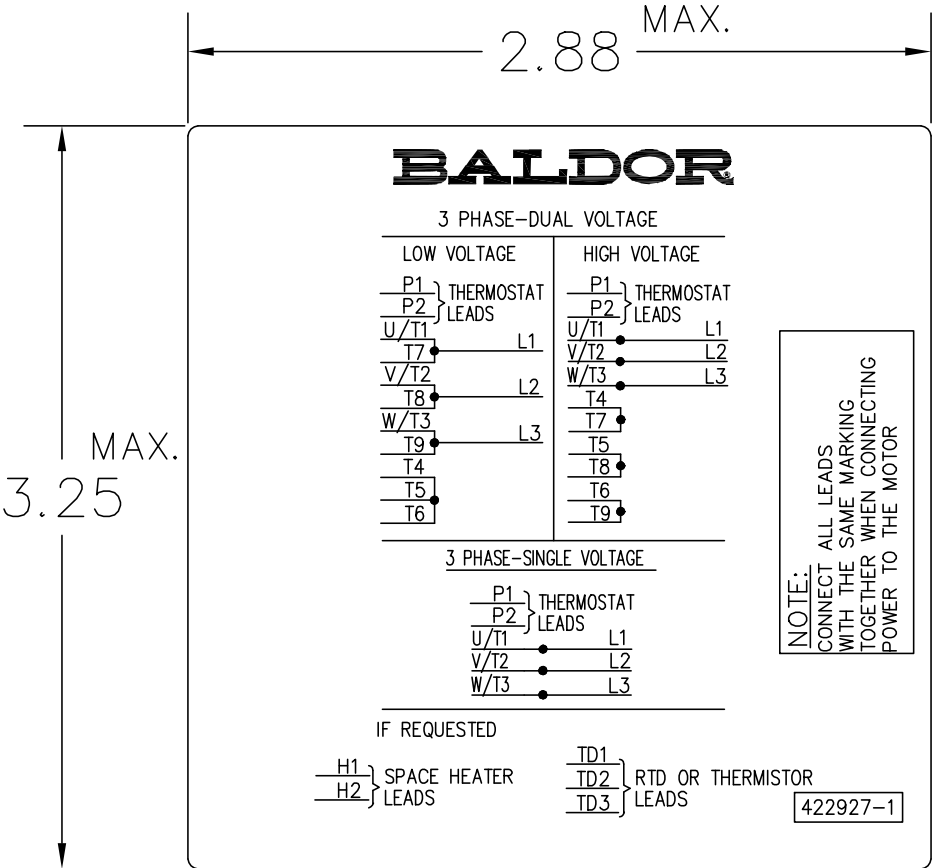
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NOTE:
DATA TO BE SIZED
SO THAT IT FITS INTO
MATERIAL DECAL
DIMENSIONS. MAKE
LETTERS & NUMBERS
AS LARGE AS POSSIBLE.

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