



Customer information packet

IDDRPM449004R1

900HP, 1750, 460V, RL4461, DPFV, F1

Specifications

Enclosure	DPFV
Frame	RL4461Z
Frame Material	Exposed Laminations
Frequency	90.00 Hz
Output @ Frequency	900.000 HP @ 90 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 90 HZ
Voltage @ Frequency	460.0 V @ 90 HZ
Agency Approvals	CCSA US
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	1077.000 A @ 460.0 V
Duty Rating	CONT
Feedback Device	ENCODER
Frame Prefix	RL
Heater Indicator	No Heater
High Voltage Full Load Amps	1077.0 a
Insulation Class	H
IP Rating	NONE
Motor Standards	NEMA
Mounting Arrangement	F1
Overall Length	64.64 IN
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.00
Shaft Diameter	4.250 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Speed	1785 rpm
Starting Method	Full Voltage

Part detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	L9465A
Layout	617602-001
Eff. date	03-23-2023
CD Diagram	422927-001
Poles	06
Leads	
Proprietary	False
Created date	02-28-2023

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

Nameplate

000613006MY

	DUTY	HP	RPM	AMPS	VOLTS	HZ	
	CONT	900	1785	1077	460	90	
	CONT	900	2625	1073	460	132.4	
CAT.NO.	IDDRPM449004R1		SPEC. NO.		R44-A000-0226		
SER.NO			FR	RL4461Z	INSUL	H	
PH.	3	MAX SAFE SPEED		2700	AMB.	40	MIN. AMB. -25
DESIGN NO.	L9465A		TYPE		ENCL.	DPG-FV	
S.F.	1.00		D.E. BRG.	110BC02J30X			
ENCL MOD			O.D.E. BRG.	6222/C3VL0241			
	IP23						

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EO CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4461	AMPS	1077	MAX SAFE SPEED	2700			
HP	900	DUTY	CONT	IM (AMPS)	385	R1	.00181	X1 .0288
BASE SPEED	1785	S.F.	1.0	P.F. @NL / FL	.028/.827	R2	.00145	X2 .0420
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK² (Lb-Ft²)	207			X4 .684

RATED FULL LOAD DATA

	RPM	HP	TORQUE Lb-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1785	900	2648	460	90	1077
MAX SPEED	2624	901	1802	460	132.4	1073
MIN SPEED	0	0	2648	5.78	.7362	1077

LOAD PERFORMANCE AT BASE SPEED

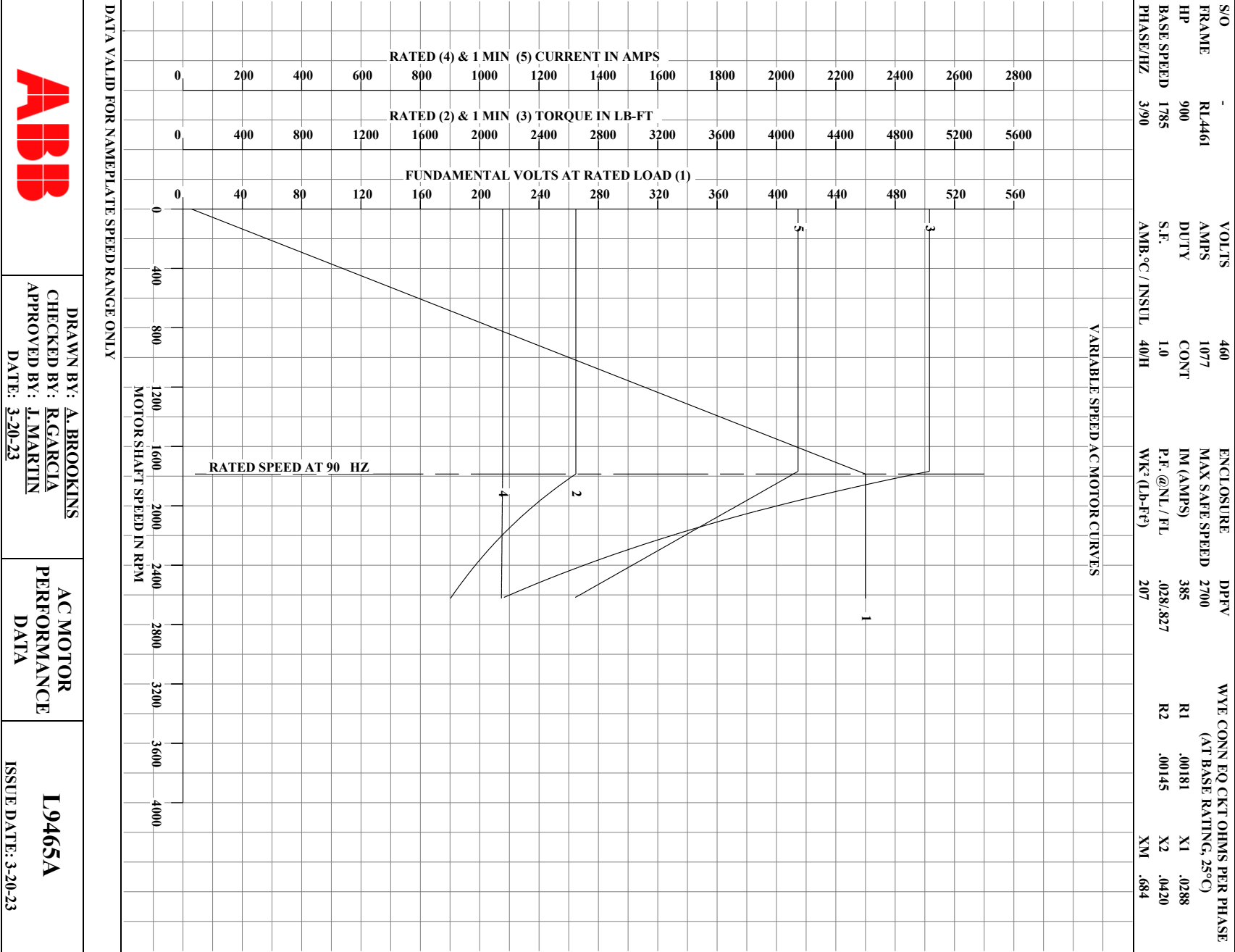
	RPM	HP	TORQUE Lb-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	90	385
1/4	1797	225	659	460	90	461
1/2	1793	450	1319	460	90	633
3/4	1789	675	1981	460	90	843
FULL LOAD	1785	900	2648	460	90	1077
0/L	1767	1693	5031	460	90	2073

REMARKS:

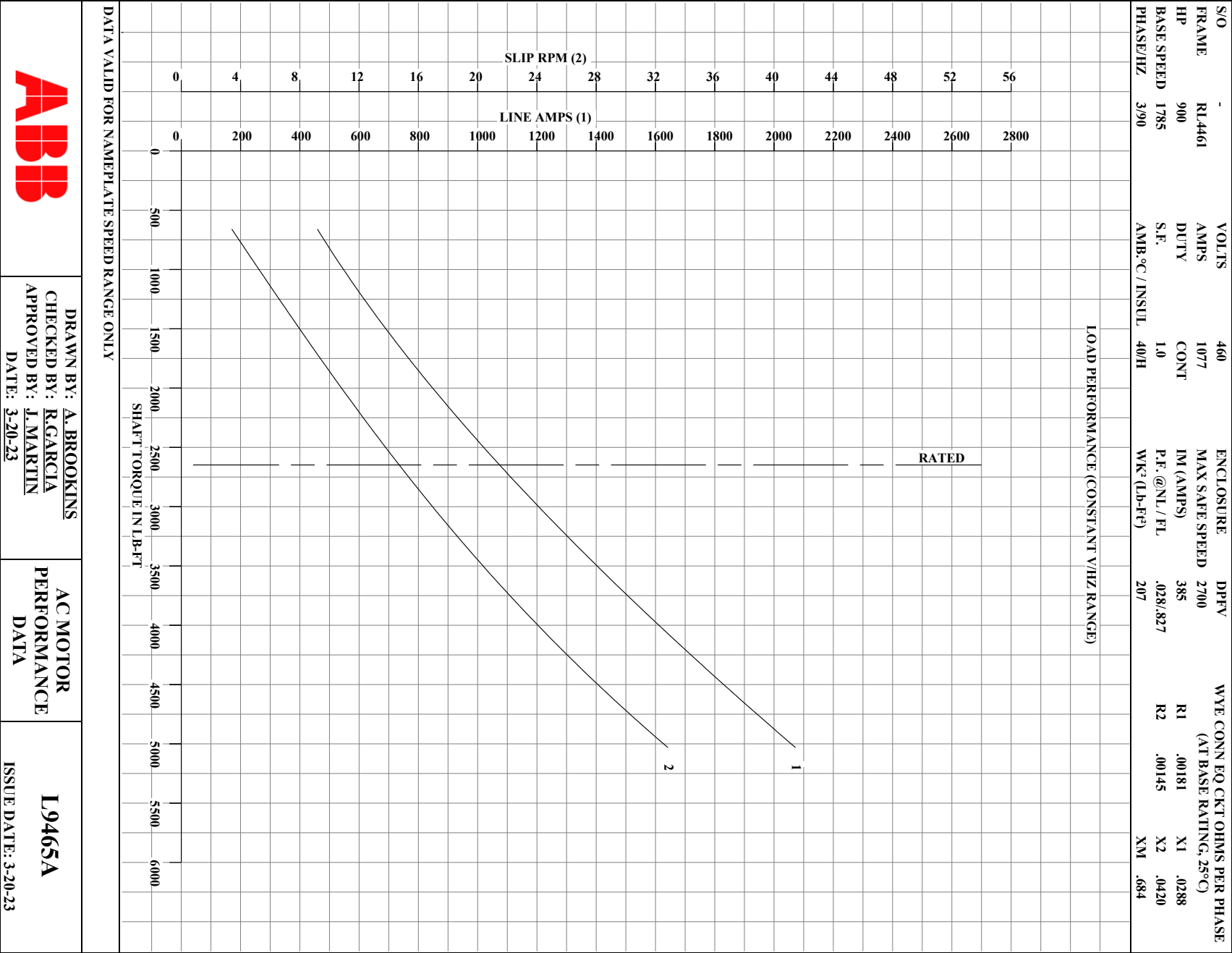
	DRAWN BY: A. BROOKINS CHECKED BY: R.GARCIA APPROVED BY: J. MARTIN DATE: 3-20-23	AC MOTOR PERFORMANCE DATA	L9465A ISSUE DATE 3-20-23
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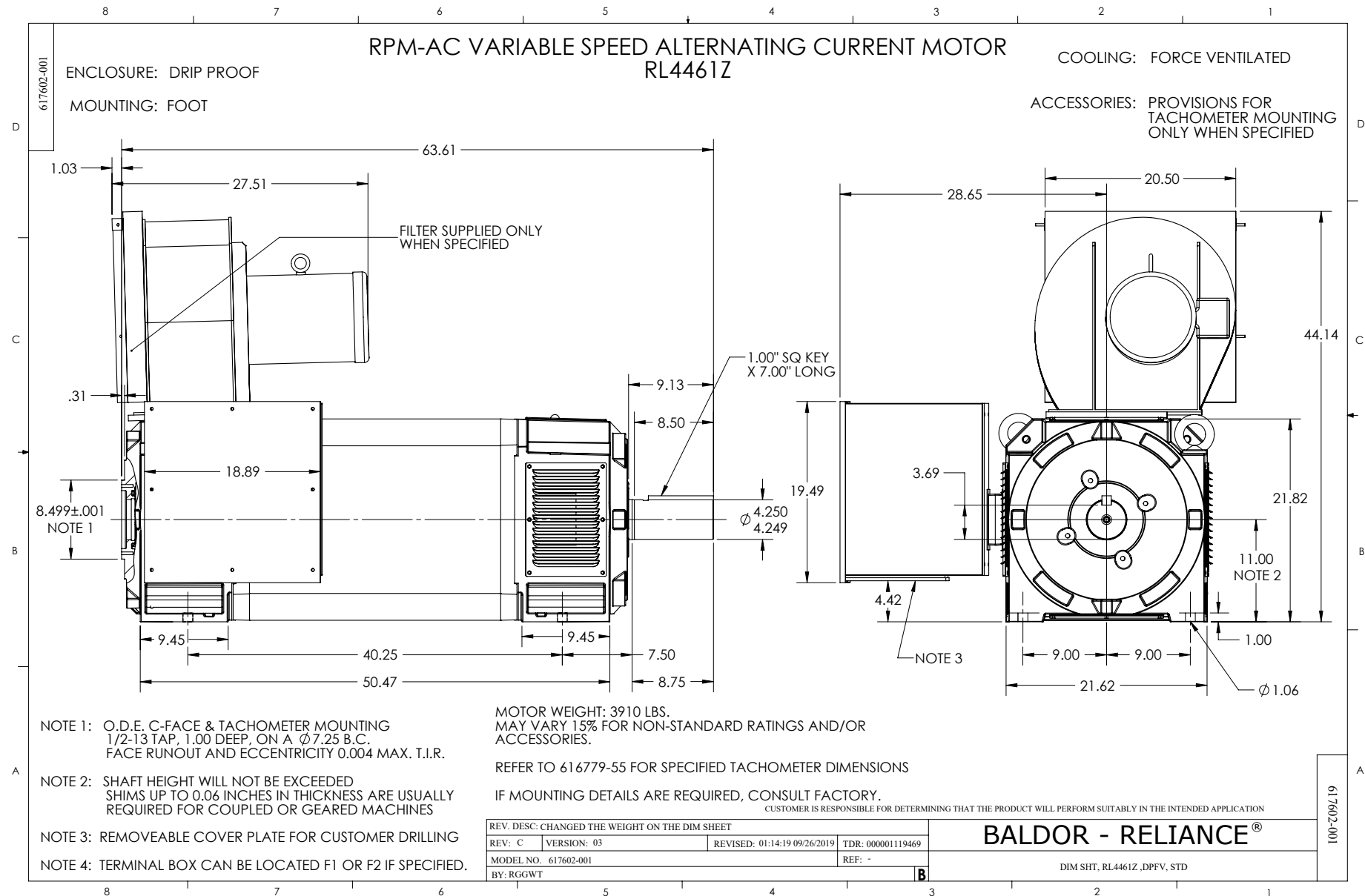
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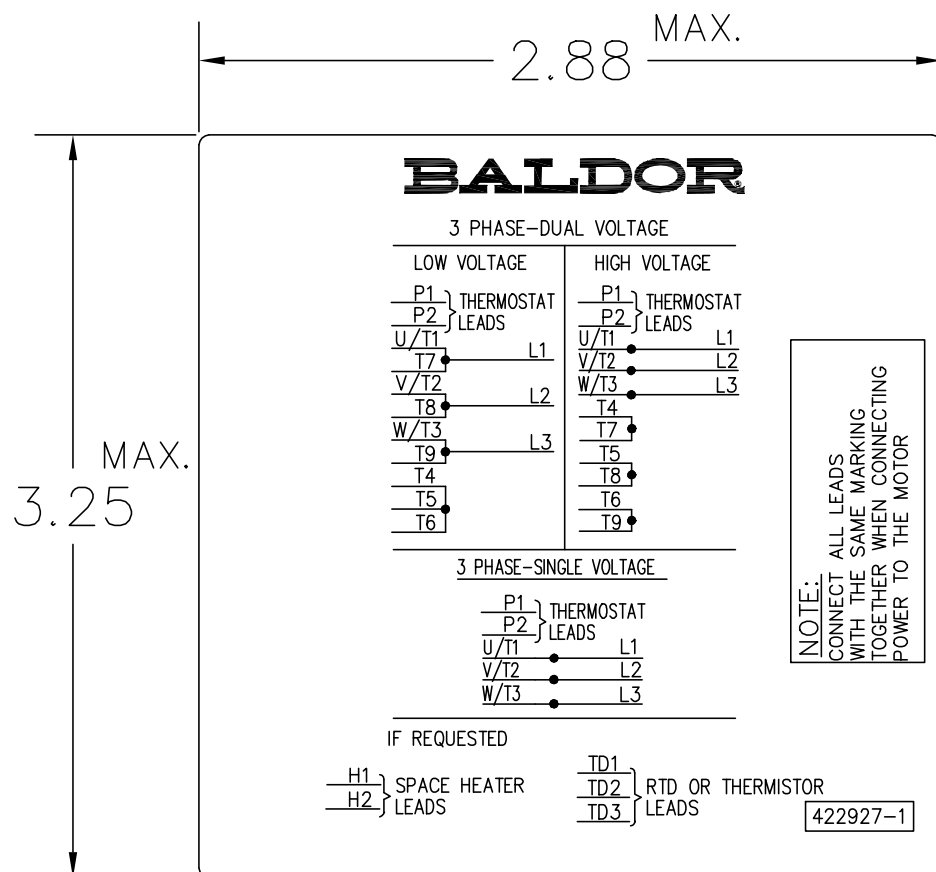
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422927-001



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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