



Customer information packet

IDDRPM323004R1ED

300HP, 1750, 460V, RL3213, DPFV, F1

Specifications

Enclosure	DPFV
Frame	RL3213Z
Frame Material	Exposed Laminations
Frequency	60.00 Hz
Output @ Frequency	300.000 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	351.000 A @ 460.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Frame Prefix	RL
Heater Indicator	No Heater
High Voltage Full Load Amps	351.0 a
Insulation Class	H
IP Rating	NONE
Motor Standards	NEMA
Mounting Arrangement	F1
Overall Length	48.60 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	1770 rpm
Starting Method	Full Voltage

Part detail

Revision	-
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	L9456A
Layout	619695-001
Eff. date	03-15-2023
CD Diagram	422927-001
Poles	04
Leads	
Proprietary	False
Created date	03-01-2023

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

Nameplate

000613006ABS

	DUTY	HP	RPM	AMPS	VOLTS	HZ	
	CONT	300	1770	351	460	60	
	CONT	300	3000	340	460	101.6	
CAT.NO.	IDDRPM323004R1ED		SPEC. NO.		R32-A000-0412		
SER.NO			FR	RL3213Z	INSUL	H	
PH.	3	MAX SAFE SPEED		4000	AMB.	40	MIN. AMB. -25
DESIGN NO.	L9456A		TYPE		ENCL.	DPG-FV	
S.F.	1.00		D.E. BRG.	85BC02J30X			
ENCL MOD			O.D.E. BRG.	6313/C3VL0241			
	IDDRPM323004R1ED				IP23		

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL3213	AMPS	351	MAX SAFE SPEED	4000			
HP	300	DUTY	CONT	IM (AMPS)	120	R1	.0126	X1 .0749
BASE SPEED	1770	S.F.	1.0	P.F. @NL / FL	.039/.865	R2	.00856	X2 .0781
PHASE/HZ	3/60	AMB:°C / INSUL	40/H	WK² (Lb-Ft²)	24			XM 2.09

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1773	300	889	460	60	351
MAX SPEED	2999	300	525	460	101.6	341
MIN SPEED	0	0	889	13.2	.8986	351

LOAD PERFORMANCE AT BASE SPEED

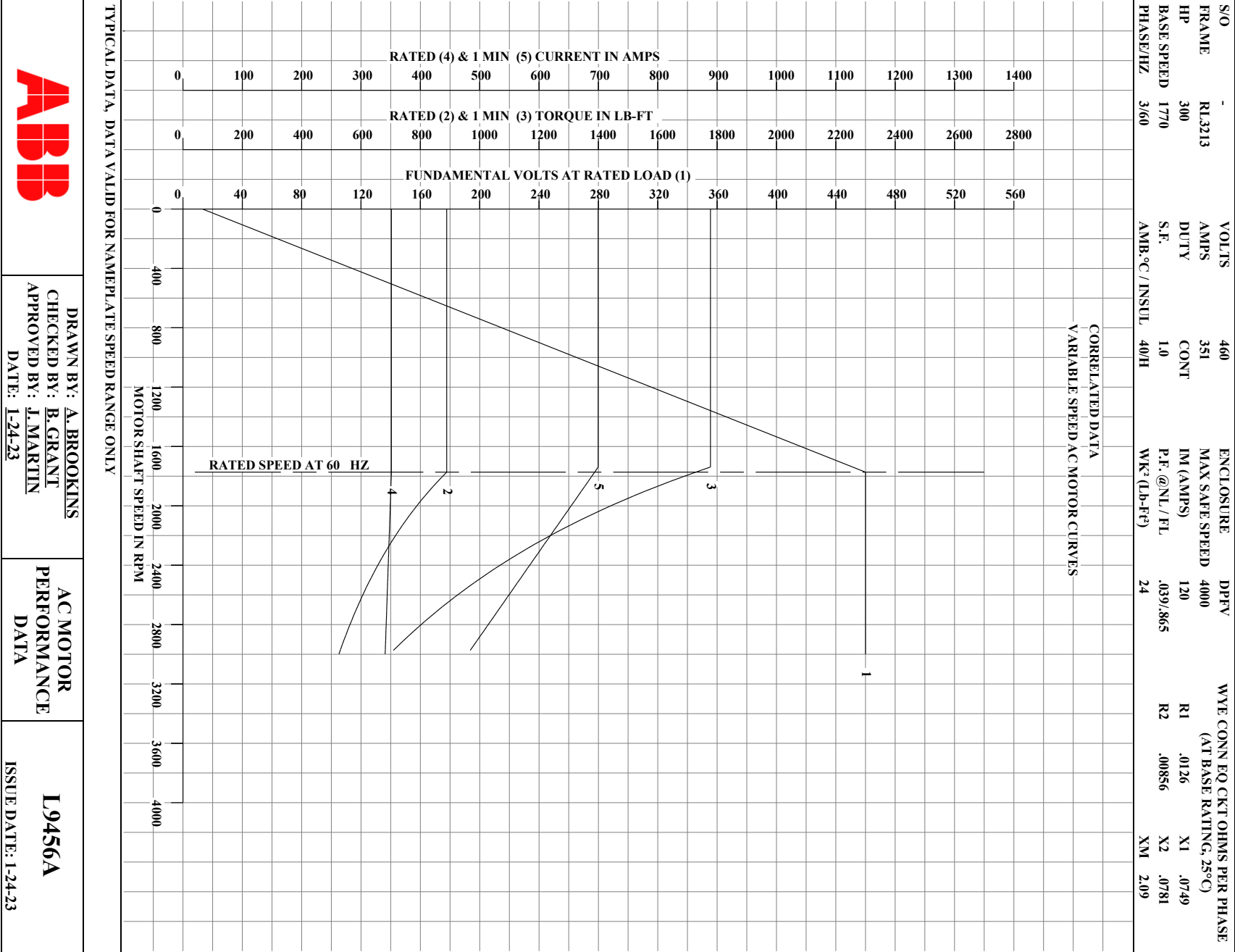
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	127
1/4	1794	75.2	220	460	60	154
1/2	1787	150	441	460	60	207
3/4	1780	225	664	460	60	275
FULL LOAD	1773	300	889	460	60	351
0/L	1739	589	1778	460	60	700

REMARKS:
TYPICAL DATA
CORRELATED DATA

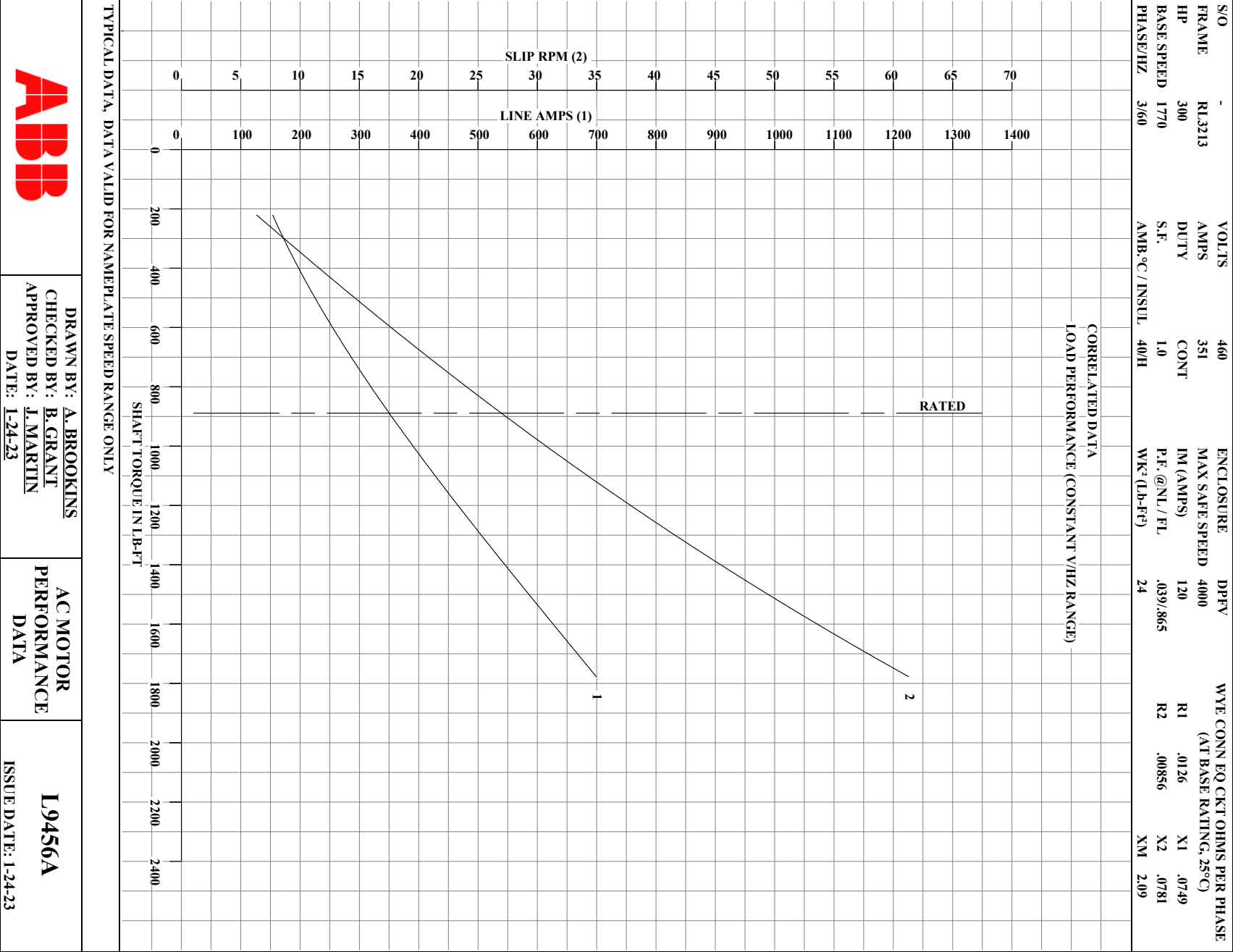
	DRAWN BY: A. BROOKINS CHECKED BY: B. GRANT APPROVED BY: J. MARTIN DATE: 1-24-23	AC MOTOR PERFORMANCE DATA	L9456A ISSUE DATE 1-24-23
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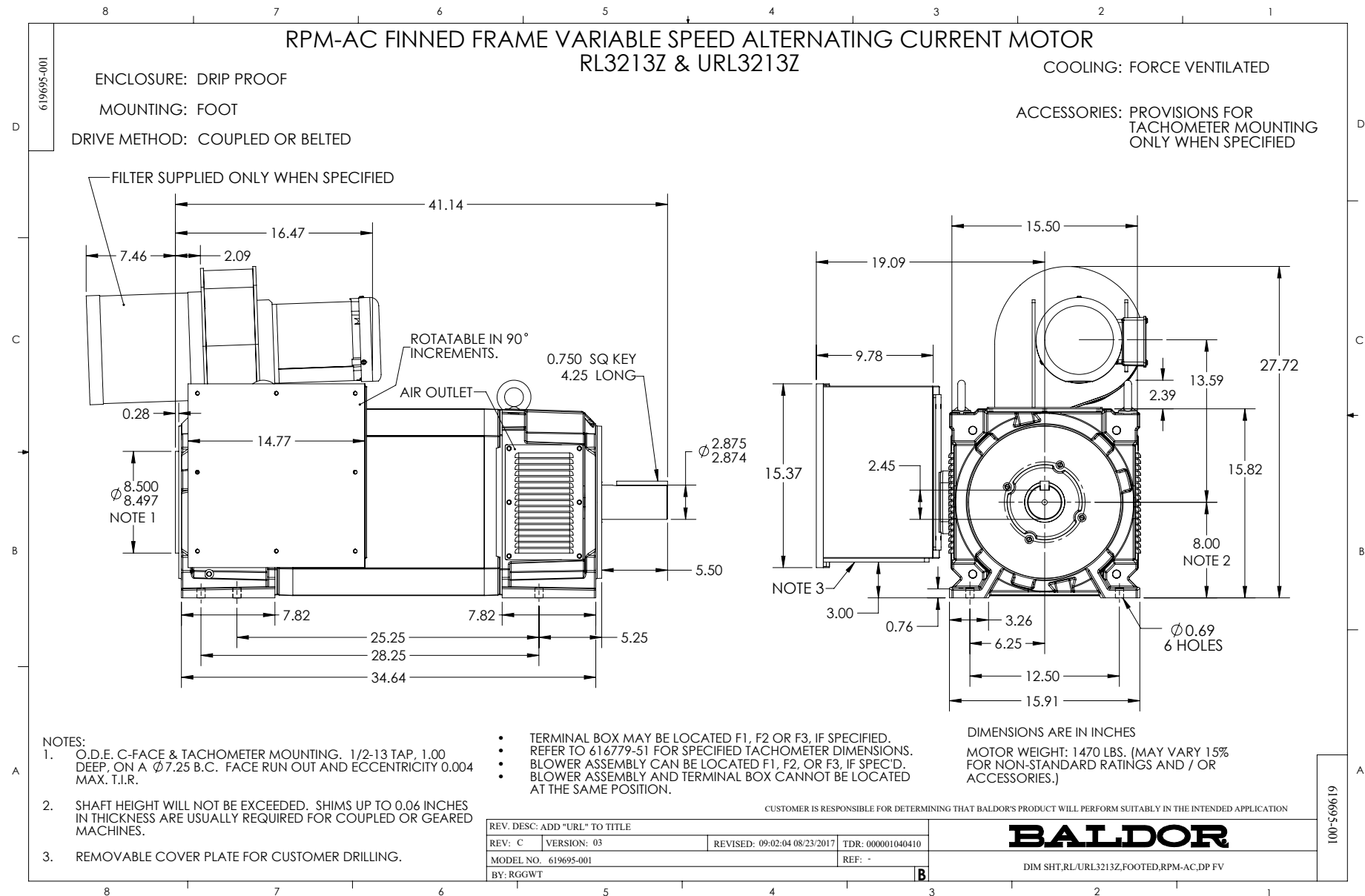
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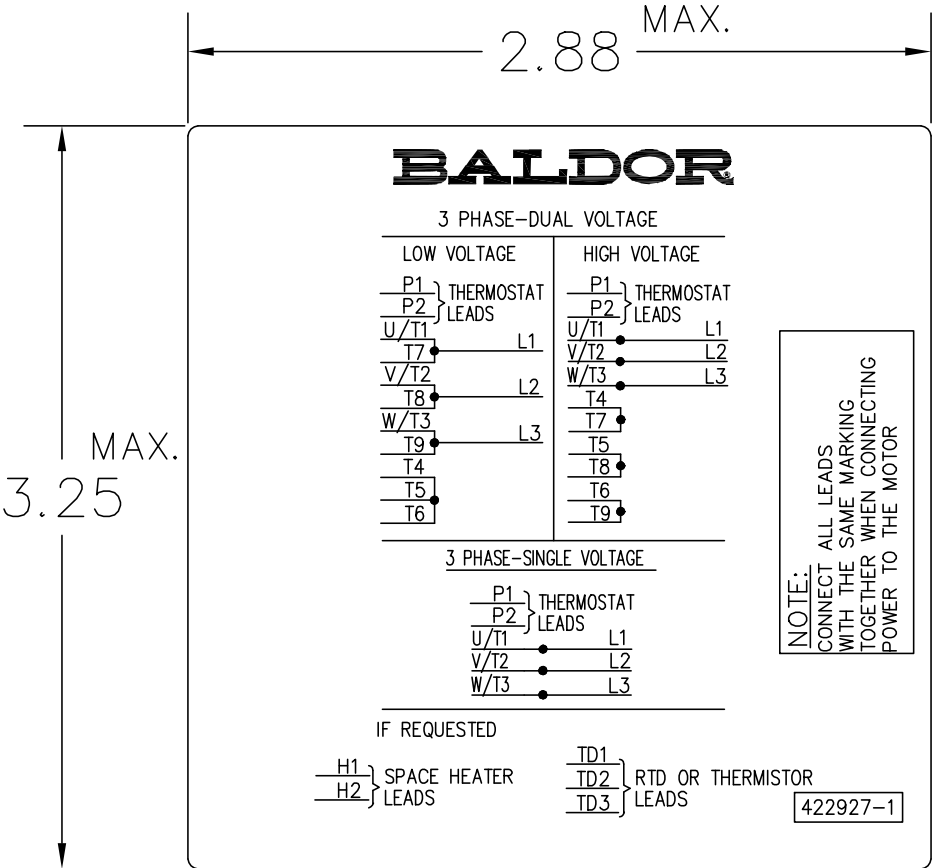
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422927-001



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
SH 1 of 1