



Customer information packet

IDDRPM364004R1M005

400HP, 1750, 460V, RL3614, DPFV, F2

Specifications

Enclosure	DPFV
Frame	RL3614Z
Frame Material	Exposed Laminations
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	400.000 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	459.000 A @ 460.0 V
Duty Rating	CONT
Feedback Device	ENCODER
Frame Prefix	RL
Heater Indicator	No Heater
High Voltage Full Load Amps	459.0 a
Insulation Class	H
IP Rating	IP23
Motor Standards	NEMA
Mounting Arrangement	F2
Number of Poles	4
Overall Length	43.22 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	No Shaft Grounding
Shaft Rotation	Reversible

Part detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	L0809A
Layout	619684-001
Eff. date	03-29-2022
CD Diagram	422927-001
Poles	04
Leads	
Proprietary	False
Created date	08-05-2016

Speed	1775 rpm
Starting Method	Full Voltage
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat

Nameplate

000613006MY									
	DUTY	HP	RPM	AMPS	VOLTS	HZ			
	CONT	400	1775		459	460	60		
	CONT	400	2400		446	460	81.1		
	CONT	400	2700		450	460	91.3		
SPEC. NO.	IDDRPM364004R1M005								
SER.NO			FR	RL3614Z		INSUL	H		
PH.	3	MAX SAFE SPEED			3750	AMB.	40	MIN. AMB.	-25
DESIGN NO.	L0809A		TYPE			ENCL.	DPG-FV		
S.F.	1.00		D.E. BRG.		95BC02J30X				
ENCL MOD			O.D.E. BRG.		80BC03J30X				

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONNECTION PER PHASE (AT BASE RATING, 25°C)
FRAME	RL3614	AMPS	459	MAX SAFE SPEED	3750	
HP	400	DUTY	CONT	IM (AMPS)	146.47	R1 .00662 X1 .0657
BASE SPEED	1775	S.F.	1.0	P.F. @NL / FL	.035/.874	R2 .00528 X2 .0660
PHASE/HZ	3/60	AMB °C / INSUL	40/H	WK² (Lb-Ft²)	45	XM 1.84

RATED FULL LOAD DATA

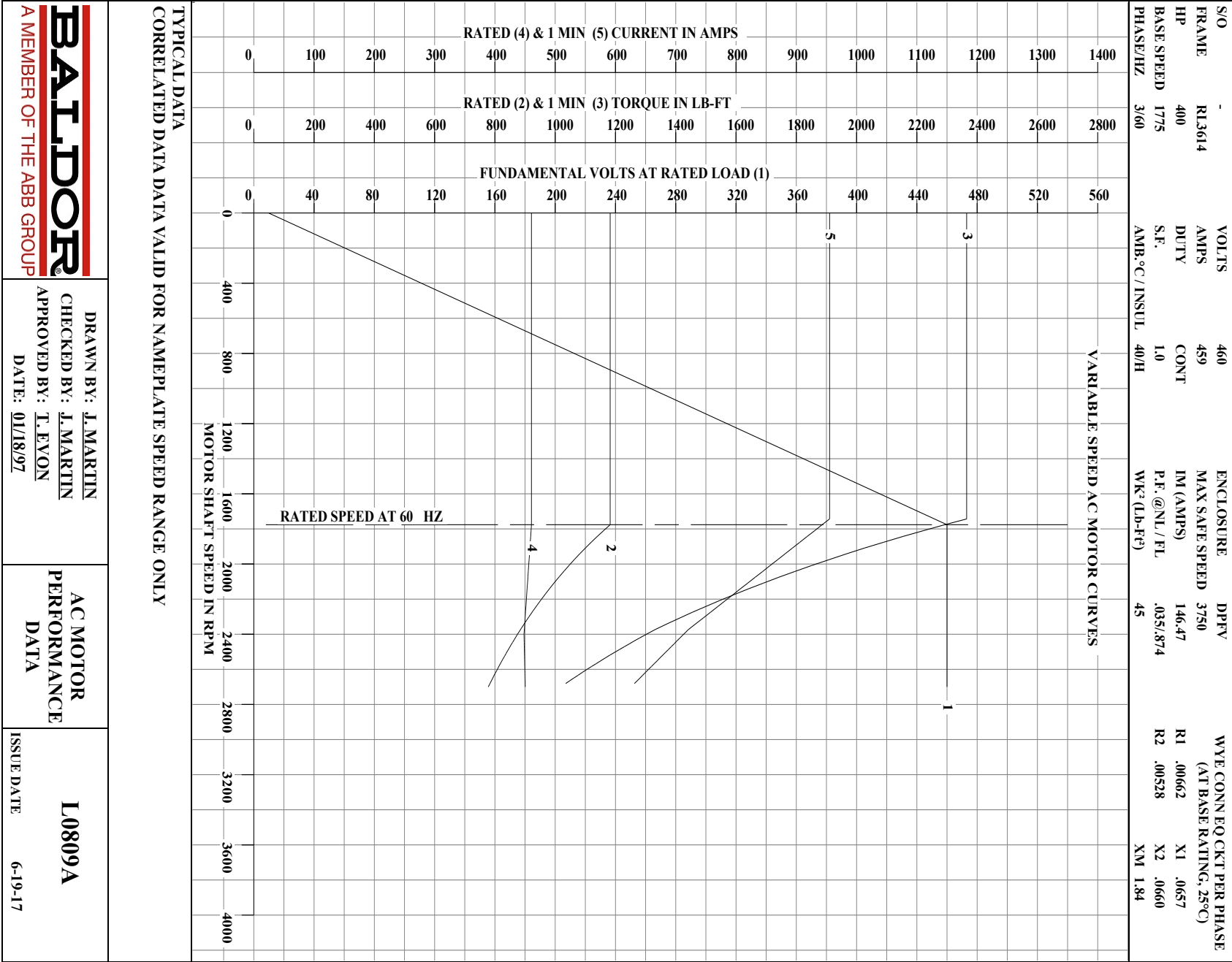
	RPM	HP	TORQUE L.B.-FT	FUND VOLTS	FREQ.-HZ	AMPS
BASE SPEED	1776	400	1183	460	60	461
MAX SPEED	2700	400	778	460	91.3	450
MIN SPEED	0	0	1183	9.76	.804	461

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE L.B.-FT	FUND VOLTS	FREQ.-HZ	AMPS
NO LOAD	1800	0	0	460	60	144
1/4	1794	102	297	460	60	184
1/2	1788	203	595	460	60	263
3/4	1782	304	896	460	60	360
FULL LOAD	1776	400	1183	460	60	461
0/L	1743	785	2365	460	60	955

REMARKS:
TYPICAL DATA
CORRELATED DATA

BALDOR A MEMBER OF THE ABB GROUP	DRAWN BY: J. MARTIN CHECKED BY: J. MARTIN APPROVED BY: T. EVON DATE: 01/18/97	AC MOTOR PERFORMANCE DATA	L0809A ISSUE DATE 6-19-17
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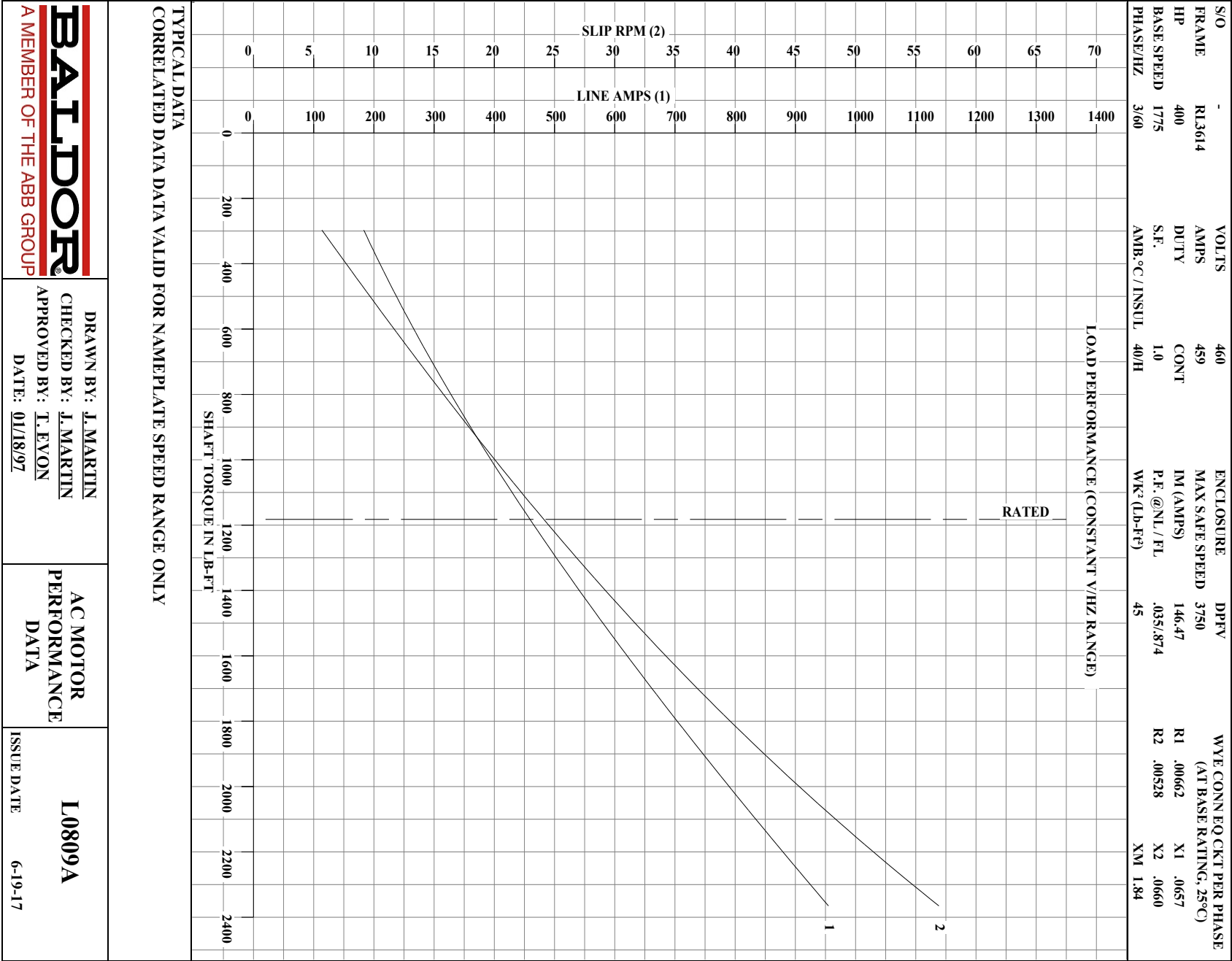


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AC MOTOR
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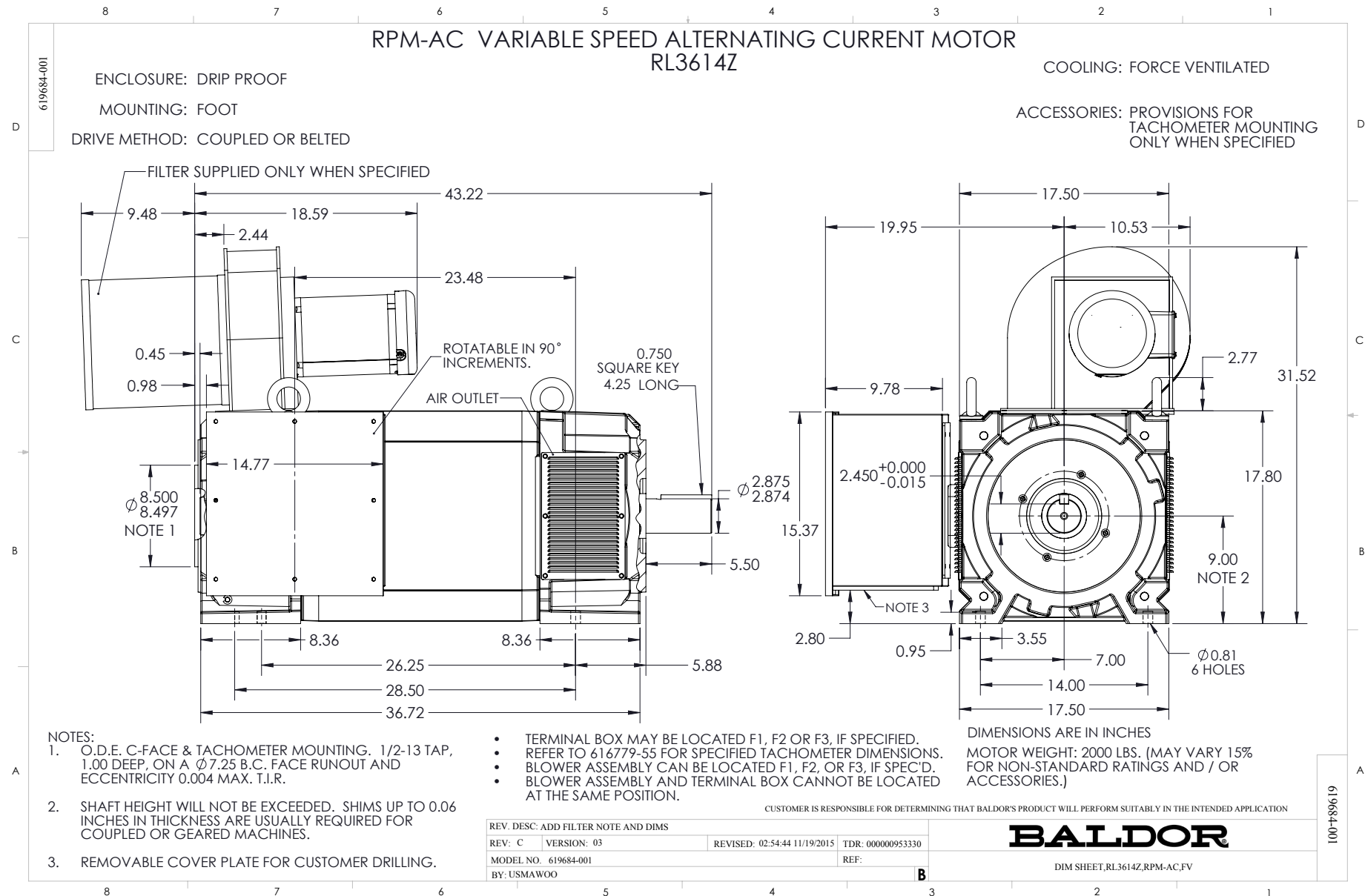


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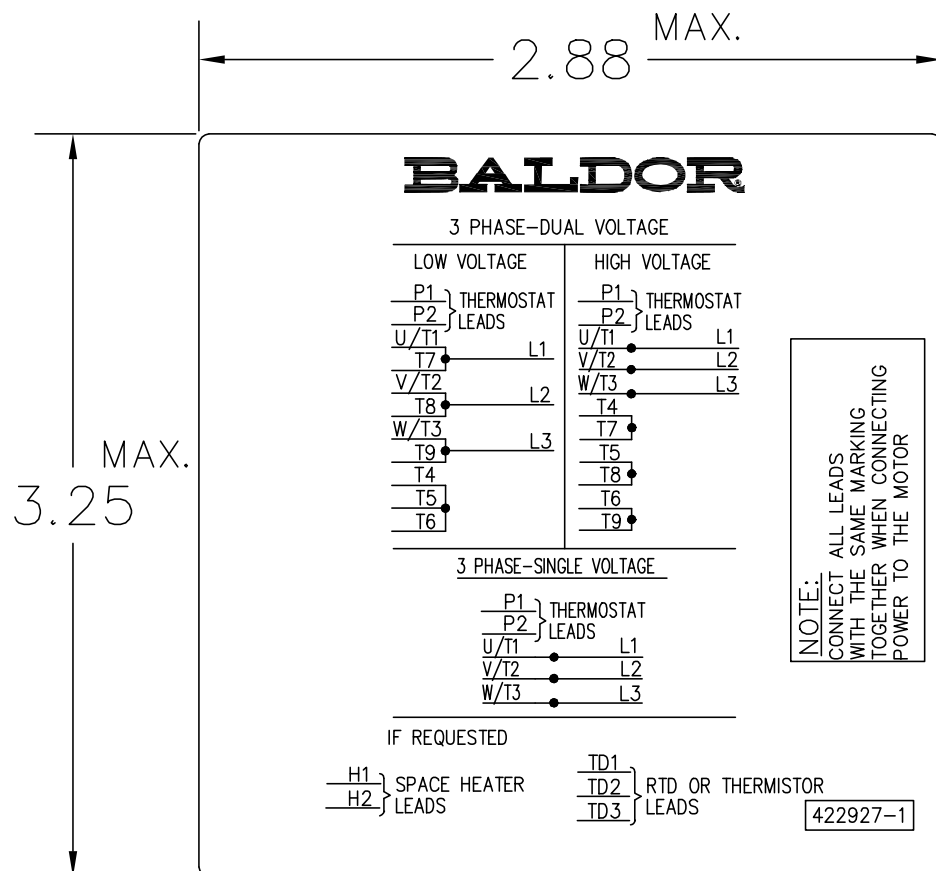
AC MOTOR
PERFORMANCE
DATA

L0809A
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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.

NOTE:
CONNECT
WITH THE
TOGETHER
POWER T

422927-1

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