



Customer information packet

IDDRPM321506R1

150HP, 1150, 460V, RL3203, DPFV, F1

Specifications

Enclosure	DPFV
Frame	RL3203Z
Frame Material	Exposed Laminations
Frequency	40.00 Hz
Output @ Frequency	150.000 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	180.000 A @ 460.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Frame Prefix	RL
Heater Indicator	No Heater
High Voltage Full Load Amps	180.0 a
Insulation Class	H
IP Rating	NONE
Motor Standards	NEMA
Mounting Arrangement	F1
Overall Length	38.64 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.	L0339A
Layout	619691-001
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	150	1170		180	460		40	
	CONT	150	1600		177	460		55	
	CONT	75	3600		90	460		121.7	
CAT.NO.	IDDRPM321506R1			SPEC. NO.		R32-A000-0008			
SER.NO				FR	RL3203Z	INSUL	H		
PH.	3	MAX SAFE SPEED			4000	AMB.	40	MIN. AMB.	-25
DESIGN NO.	L0339A			TYPE		ENCL.	DPG-FV		
S.F.	1.00			D.E. BRG.		85BC02J30X			
ENCL MOD				O.D.E. BRG.		65BC03J30X			

REL. S. O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25 °C)
FRAME	RL3203	AMPS	175.44	MAX SAFE RPM	4000	
HP	150	DUTY	CONT	IM (AMPS)	57.23	R1 .0324 X1 .161
BASE SPEED	1170	S.F.	1.0	P.F.@NL/FL	.04/.883	R2 .0270 X2 .157
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (lb-ft ²)	21.3	XM 4.79

RATED FULL LOAD DATA

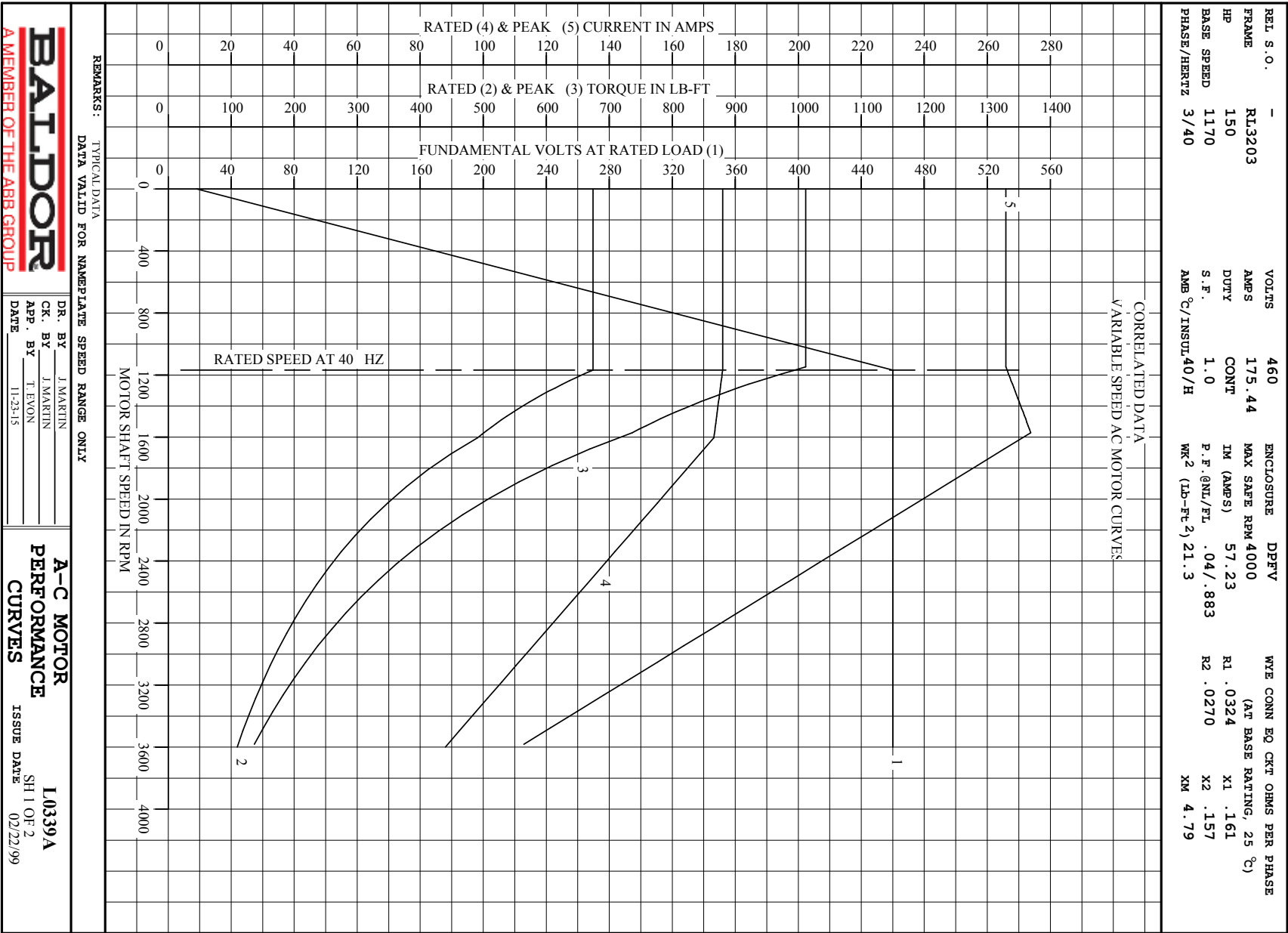
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1168	150	674	460	40	176
MAX SPEED	3599	75.0	109	460	121.7	88.0
MIN SPEED	0	0	674	18.2	1.060	176

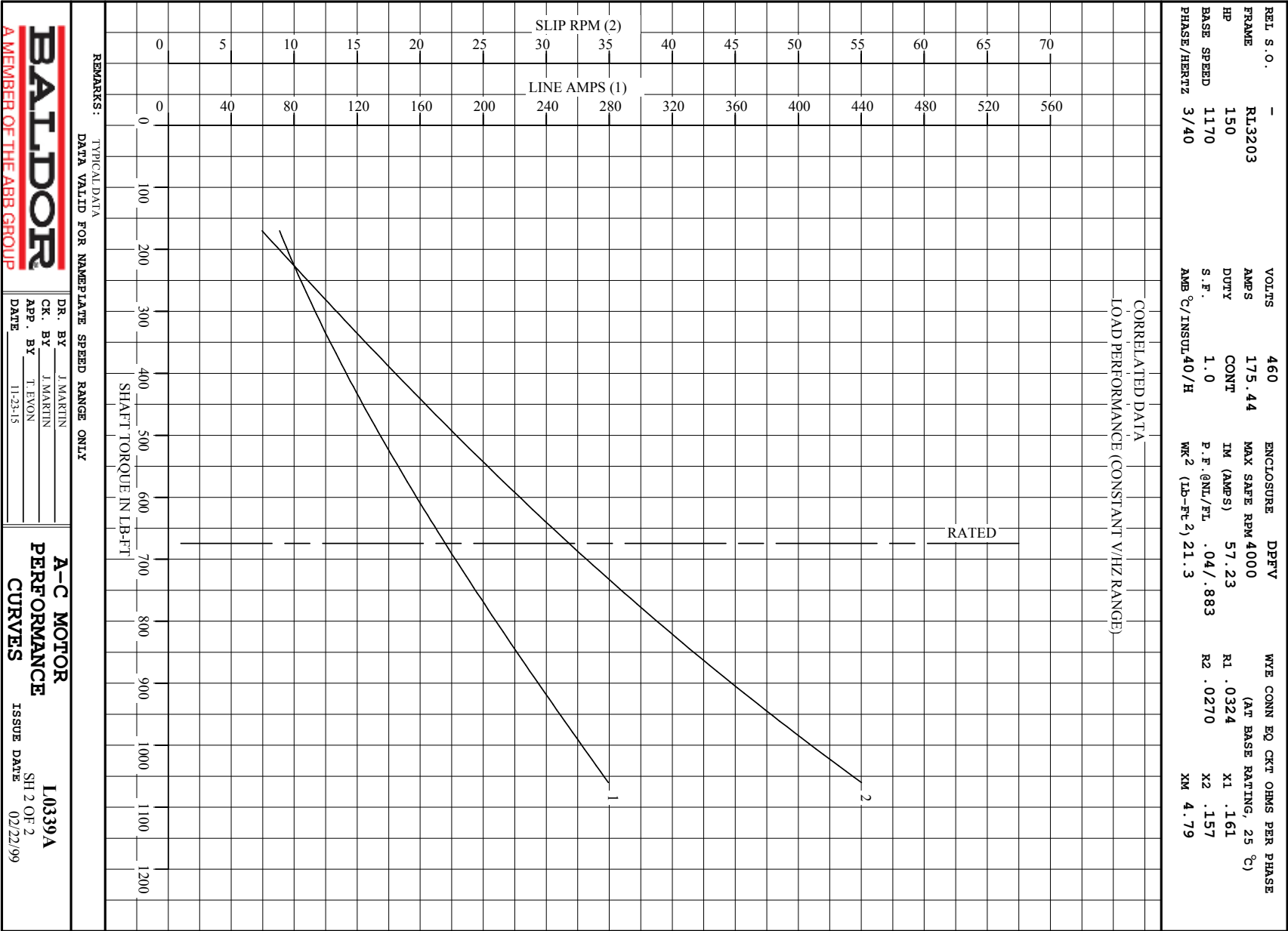
LOAD PERFORMANCE AT BASE SPEED

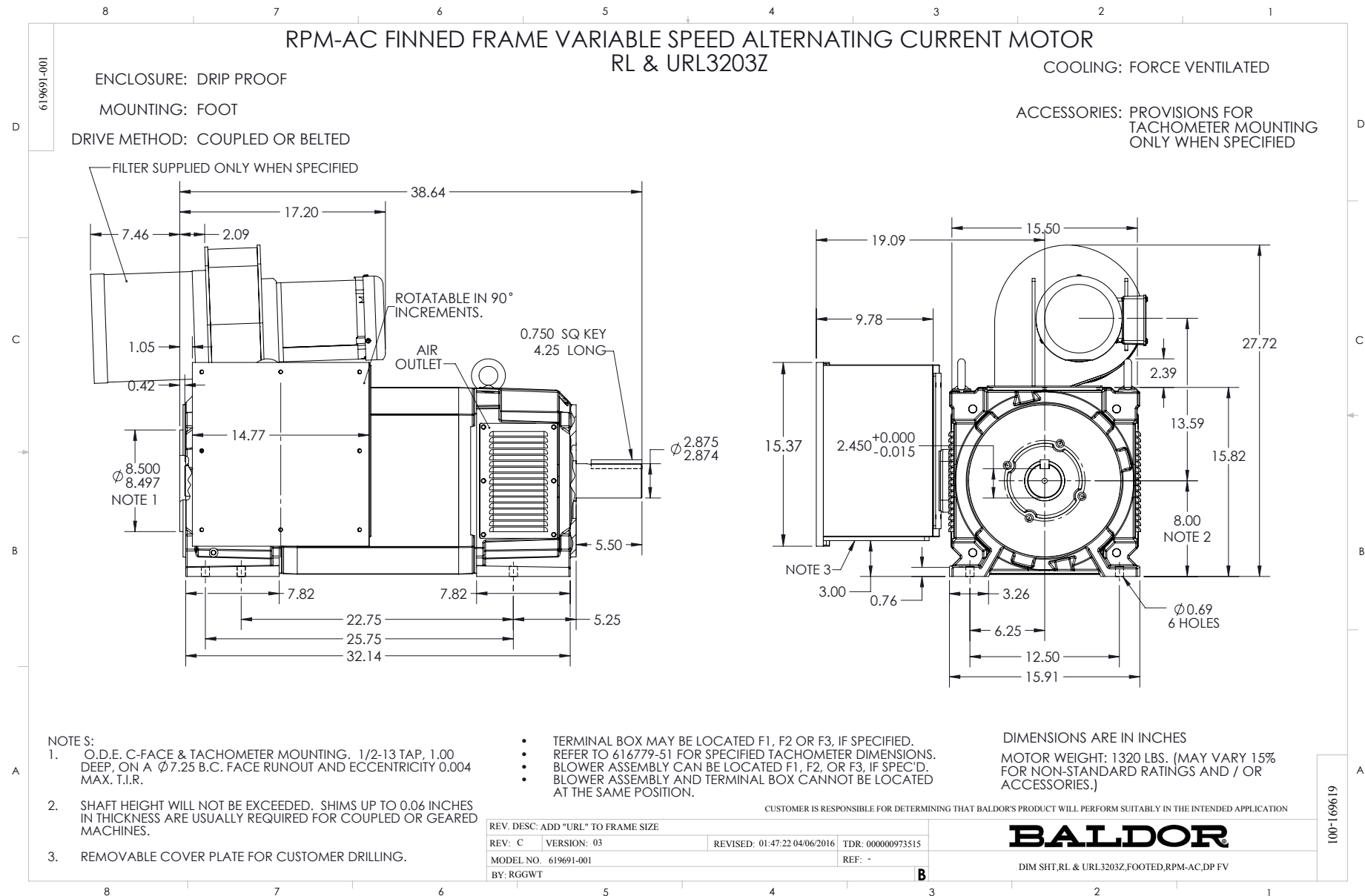
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1200	0	0	460	40	55.6
1/4	1193	38.6	170	460	40	70.8
1/2	1185	77.1	342	460	40	101
3/4	1176	116	516	460	40	138
FULL LOAD	1168	150	674	460	40	176
O/L	1148	221	1012	460	40	266

REMARKS: TYPICAL DATA
CORRELATED DATA

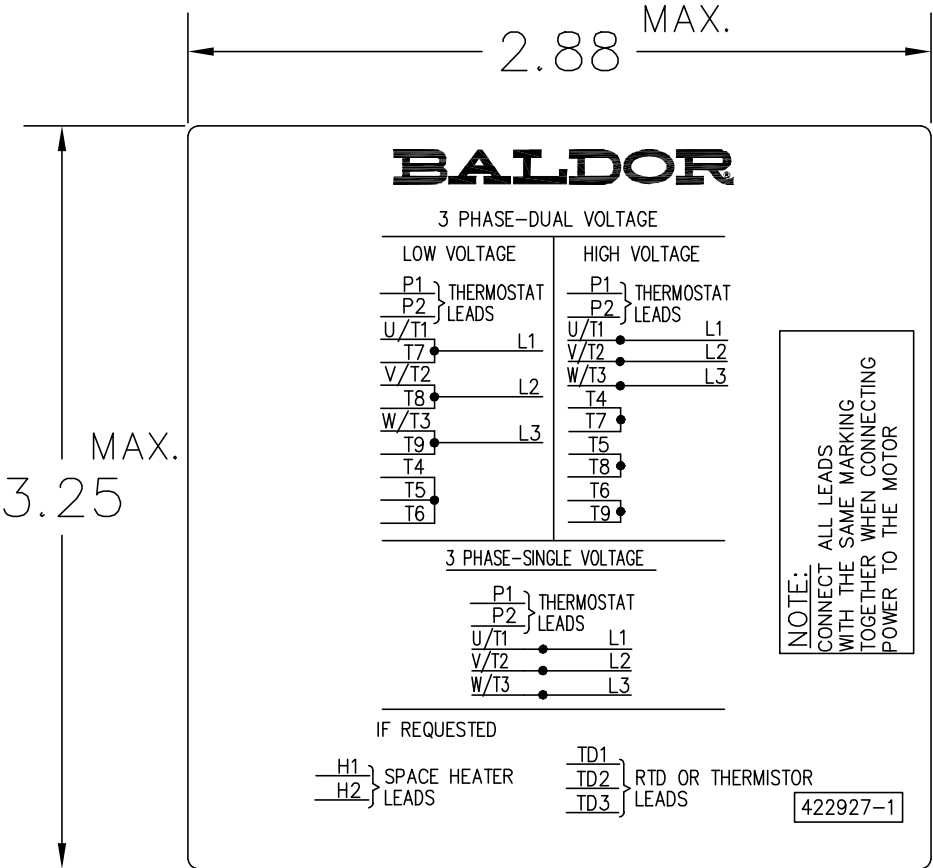
BALDOR A MEMBER OF THE ABB GROUP	DR. BY	J. MARTIN	A-C MOTOR PERFORMANCE DATA I0339A ISSUE DATE 02/22/99
	CK. BY	J. MARTIN	
	APP. BY	T. EVON	
	DATE	11-23-15	







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