ABB BALDOR RELIANCE

Customer information packet

IDDRPM322006R1

200HP, 1150, 460V, RL3213, DPFV, F1

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11/17/2026 2:16:09 AM

Specifications

Enclosure	DPFV
Frame	RL3213Z
Frame Material	Exposed Laminations
Frequency	40.00 Hz
Output @ Frequency	200.000 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	236.000 A @ 460.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Frame Prefix	RL
Heater Indicator	No Heater
High Voltage Full Load Amps	236.0 a
Insulation Class	H
IP Rating	NONE
Motor Standards	NEMA
Mounting Arrangement	F1
Overall Length	41.14 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.	L1699A
Layout	619695-001
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	200	1170	236	460	40
CONT	200	1750	226	460	60
CONT	200	2000	230	460	68.4

CAT.NO.	IDDRPM322006R1		**SPEC. NO.**	R32-A000-0010			
SER.NO		**FR**	RL3213Z	**INSUL**	H		
PH.	3	**MAX SAFE SPEED**	4000	**AMB.**	40	**MIN. AMB.**	-25
DESIGN NO.	L1699A	**TYPE**		**ENCL.**	DPG-FV		
S.F.	1.00	**D.E. BRG.**	85BC02J30X				
ENCL MOD		**O.D.E. BRG.**	65BC03J30X				

		VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)			
FRAME	L3213	AMPS	236	MAX SAFE SPEED	4000				
HP	200	DUTY	CONT	IM (AMPS)	87	R1	.0228	X1	.112
BASE SPEED	1170	S.F.	1.0	P.F. @NL / FL	.04/.87	R2	.0192	X2	.116
PHASE/HZ	3/40	AMB.°C / INSUL	40/H	WK² (Lb-Ft²)	24			XM	3.16

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1173	200	896	460	40	236
MAX SPEED	2002	200	525	460	68.4	230
MIN SPEED	0	0	0	16.0	.914	236

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1200	0	0	460	40	84.9
1/4	1194	50.2	221	460	40	103
1/2	1187	100	443	460	40	138
3/4	1180	150	668	460	40	184
FULL LOAD	1173	200	896	460	40	236
0/L	1137	388	1792	460	40	475

REMARKS:
TYPICAL DATA

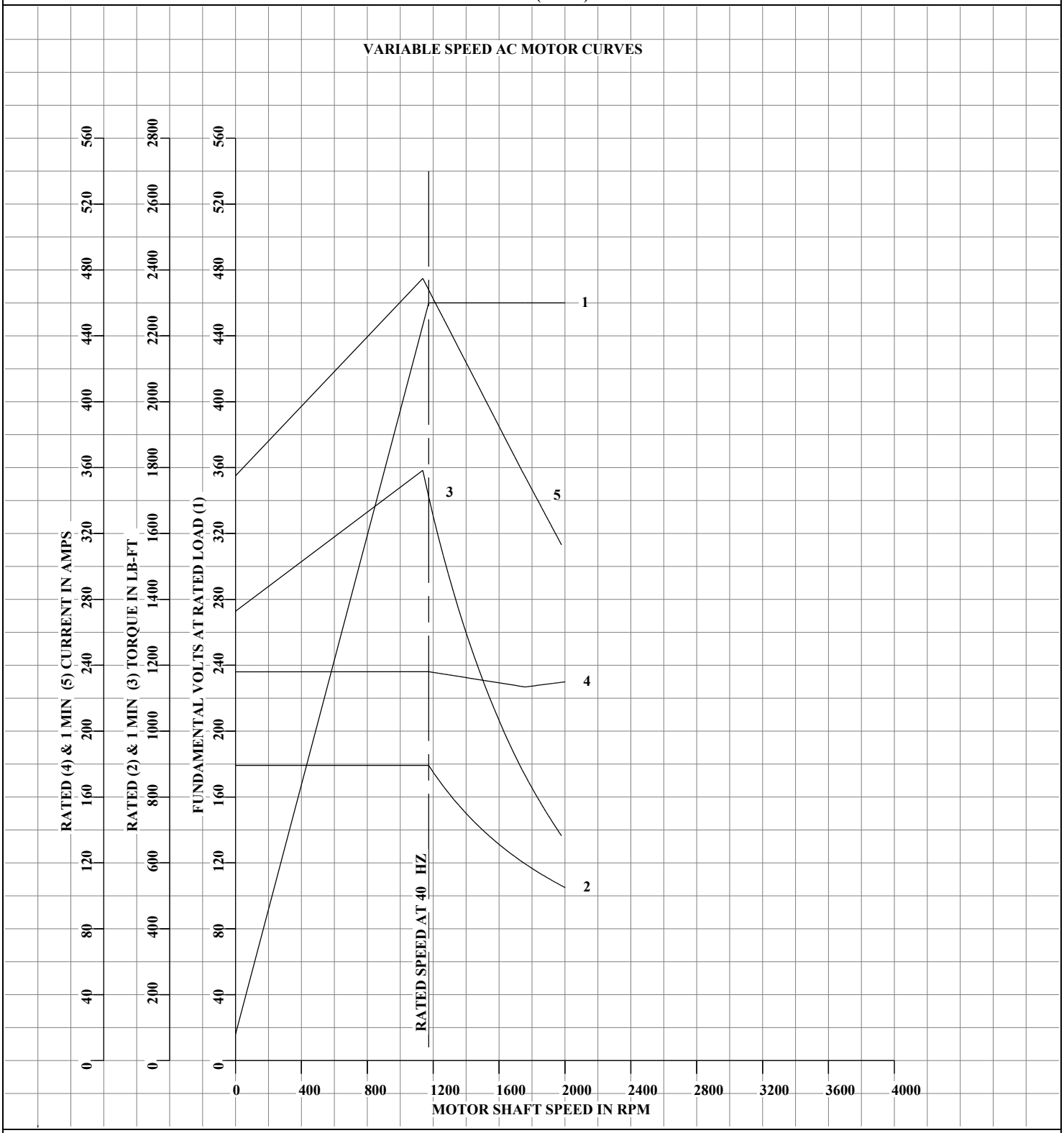
ABB	DRAWN BY: M. ORDERS CHECKED BY: B. GRANT APPROVED BY: T. EVON DATE: 1/26/00	AC MOTOR PERFORMANCE DATA	L1699A ISSUE DATE 3-12-01

ABB BALDOR RELIANCE

CUSTOMER INFORMATION PACKET

FRAME	**L3213**	**VOLTS**	**460**	**ENCLOSURE**	**DPFV**	**WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)**			
HP	**200**	**AMPS**	**236**	**MAX SAFE SPEED**	**4000**				
BASE SPEED	**1170**	**DUTY**	**CONT**	**IM (AMPS)**	**87**	**R1**	**.0228**	**X1**	**.112**
PHASE/HZ	**3/40**	**S.F.**	**1.0**	**P.F. @NL / FL**	**.04/.87**	**R2**	**.0192**	**X2**	**.116**
		AMB.°C / INSUL	**40/H**	**WK² (Lb-Ft²)**	**24**			**XM**	**3.16**

VARIABLE SPEED AC MOTOR CURVES

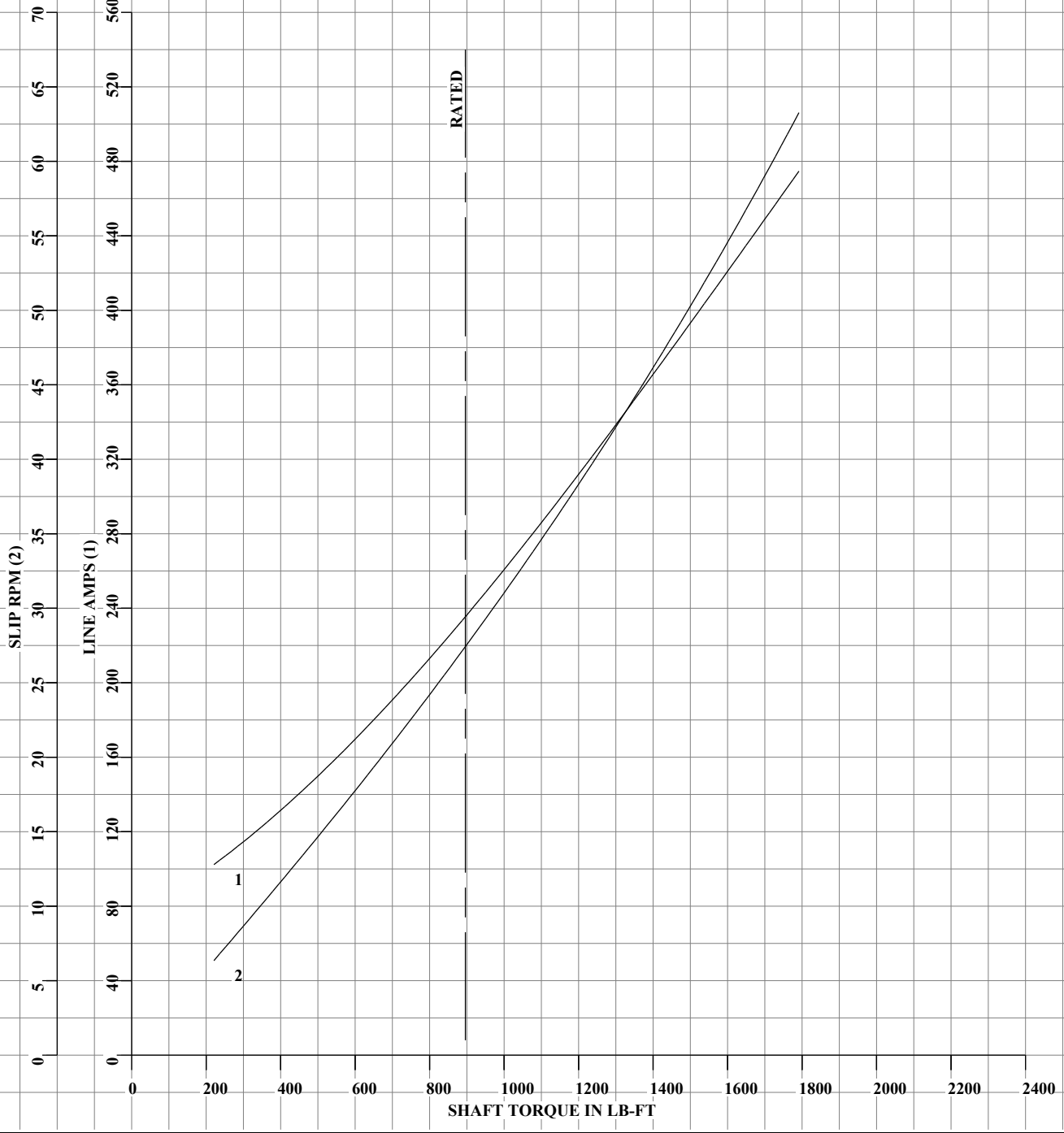


TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

ABB	DRAWN BY: M. ORDERS CHECKED BY: B. GRANT APPROVED BY: T. EVON DATE: 1/26/00	**AC MOTOR PERFORMANCE DATA**	**L1699A** **ISSUE DATE: 3-12-01**

SPEC		VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)			
FRAME	L3213	AMPS	236	MAX SAFE SPEED	4000				
HP	200	DUTY	CONT	IM (AMPS)	87	R1	.0228	X1	.112
BASE SPEED	1170	S.F.	1.0	P.F. @NL / FL	.04/.87	R2	.0192	X2	.116
PHASE/HZ	3/40	AMB.°C / INSUL	40/H	WK² (Lb-Ft²)	24			XM	3.16

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

ABB	DRAWN BY: M. ORDERS CHECKED BY: B. GRANT APPROVED BY: T. EVON DATE: 1/26/00	AC MOTOR PERFORMANCE DATA	L1699A ISSUE DATE: 3-12-01

RPM-AC FINNED FRAME VARIABLE SPEED ALTERNATING CURRENT MOTOR
RL3213Z & URL3213Z

619695-001

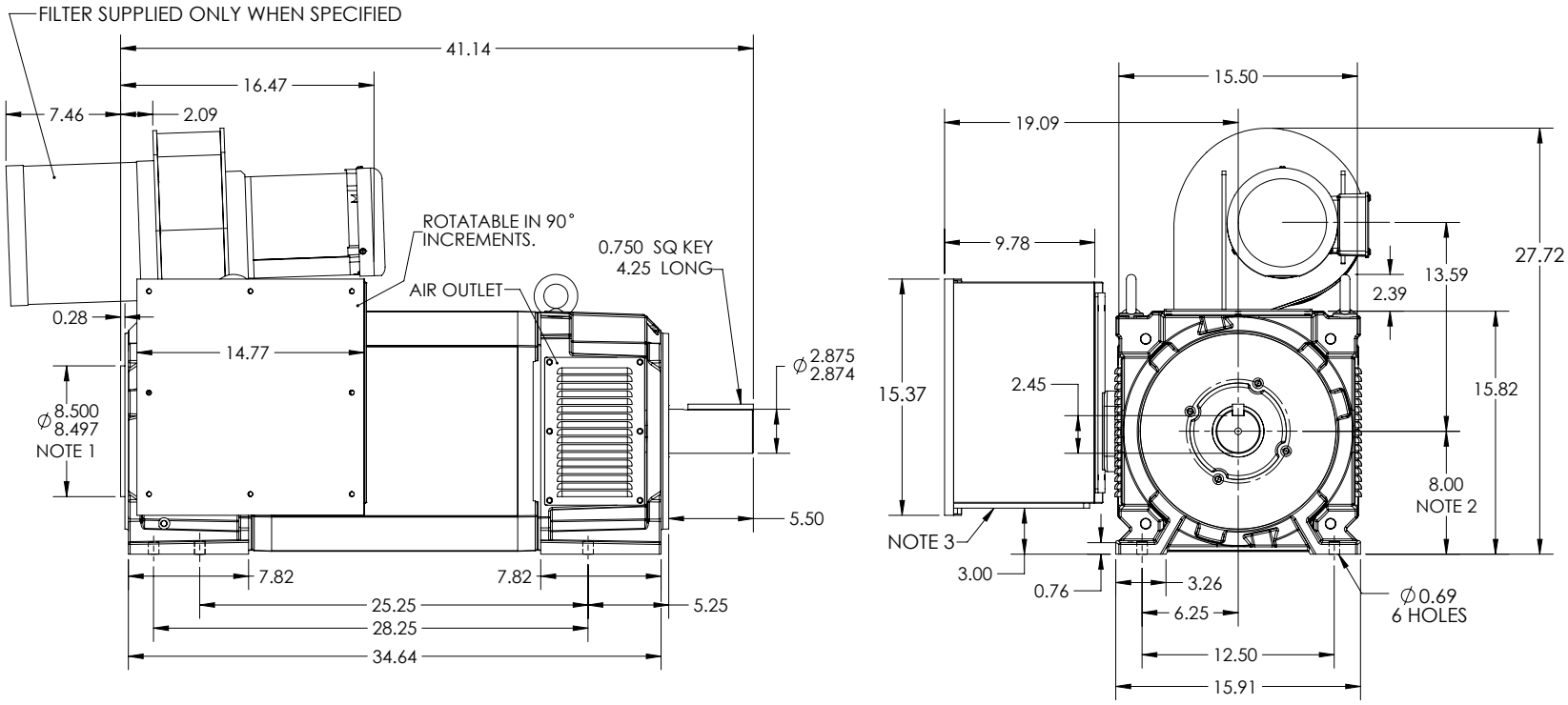
ENCLOSURE: DRIP PROOF

MOUNTING: FOOT

DRIVE METHOD: COUPLED OR BELTED

COOLING: FORCE VENTILATED

ACCESSORIES: PROVISIONS FOR TACHOMETER MOUNTING ONLY WHEN SPECIFIED



NOTES:

1. O.D.E. C-FACE & TACHOMETER MOUNTING. 1/2-13 TAP, 1.00 DEEP, ON A ∅7.25 B.C. FACE RUN OUT AND ECCENTRICITY 0.004 MAX. T.I.R.
2. SHAFT HEIGHT WILL NOT BE EXCEEDED. SHIMS UP TO 0.06 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
3. REMOVABLE COVER PLATE FOR CUSTOMER DRILLING.

- TERMINAL BOX MAY BE LOCATED F1, F2 OR F3, IF SPECIFIED.
- REFER TO 616779-51 FOR SPECIFIED TACHOMETER DIMENSIONS.
- BLOWER ASSEMBLY CAN BE LOCATED F1, F2, OR F3, IF SPEC'D.
- BLOWER ASSEMBLY AND TERMINAL BOX CANNOT BE LOCATED AT THE SAME POSITION.

DIMENSIONS ARE IN INCHES

MOTOR WEIGHT: 1470 LBS. (MAY VARY 15% FOR NON-STANDARD RATINGS AND / OR ACCESSORIES.)

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

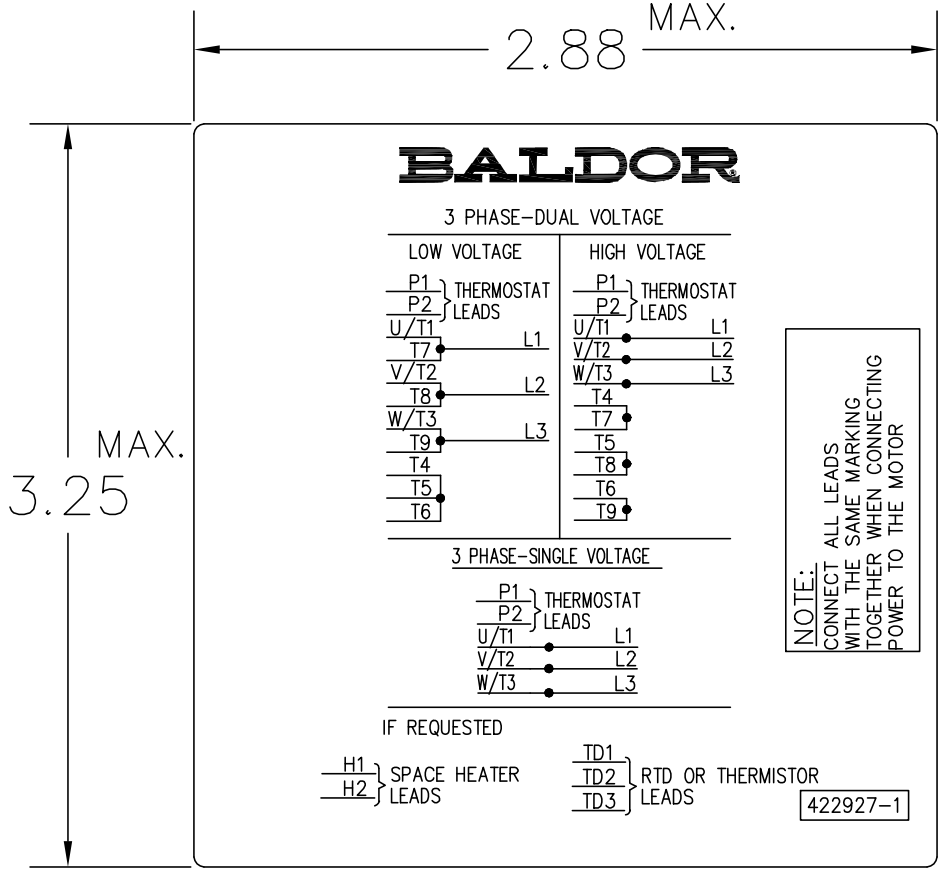
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MODEL NO. 619695-001			REF: -
BY: RGGWT			B

BALDOR

DIM SHT,RL/URL3213Z,FOOTED,RPM-AC,DP FV

619695-001

422927–001



NOTE:
DATA TO BE SIZED SO THAT IT FITS INTO MATERIAL DECAL DIMENSIONS. MAKE LETTERS & NUMBERS AS LARGE AS POSIBLE.

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			BALDOR
REV. LTR: B	VERSION: 02	TDR: 000000788708	
FILE: \RGG\00000\203		REVISED: 08:09:29 03/04/2013	EXTERNAL CONNECTION LABEL
MTL: –		BY: RGGWT	SH 1 of 1