

BALDOR • RELIANCE

Customer information packet

IDDRPM509006

900HP, 1150, 460V, RL5024, DPFV, F1

Specifications

Enclosure	DPFV
Frame	RL5024Z
Frame Material	Exposed Laminations
Frequency	389.00 Hz
Output @ Frequency	900.000 HP @ 389 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 389 HZ
Voltage @ Frequency	460.0 V @ 389 HZ
Agency Approvals	CCSA US
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	1031.000 A @ 460.0 V
Duty Rating	CONT
Feedback Device	ENCODER
Frame Prefix	RL
Heater Indicator	No Heater
High Voltage Full Load Amps	1031.0 a
Insulation Class	H
IP Rating	NONE
Motor Standards	NEMA
Mounting Arrangement	F1
Overall Length	65.51 IN
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.00
Shaft Diameter	4.500 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Speed	1150 rpm
Starting Method	Full Voltage

Part detail

Revision	C
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	L9079A
Layout	622012-011
Eff. date	08-24-2023
CD Diagram	422927-001
Poles	04
Leads	
Proprietary	False
Created date	11-11-2021

Thermal Device - Bearing

None

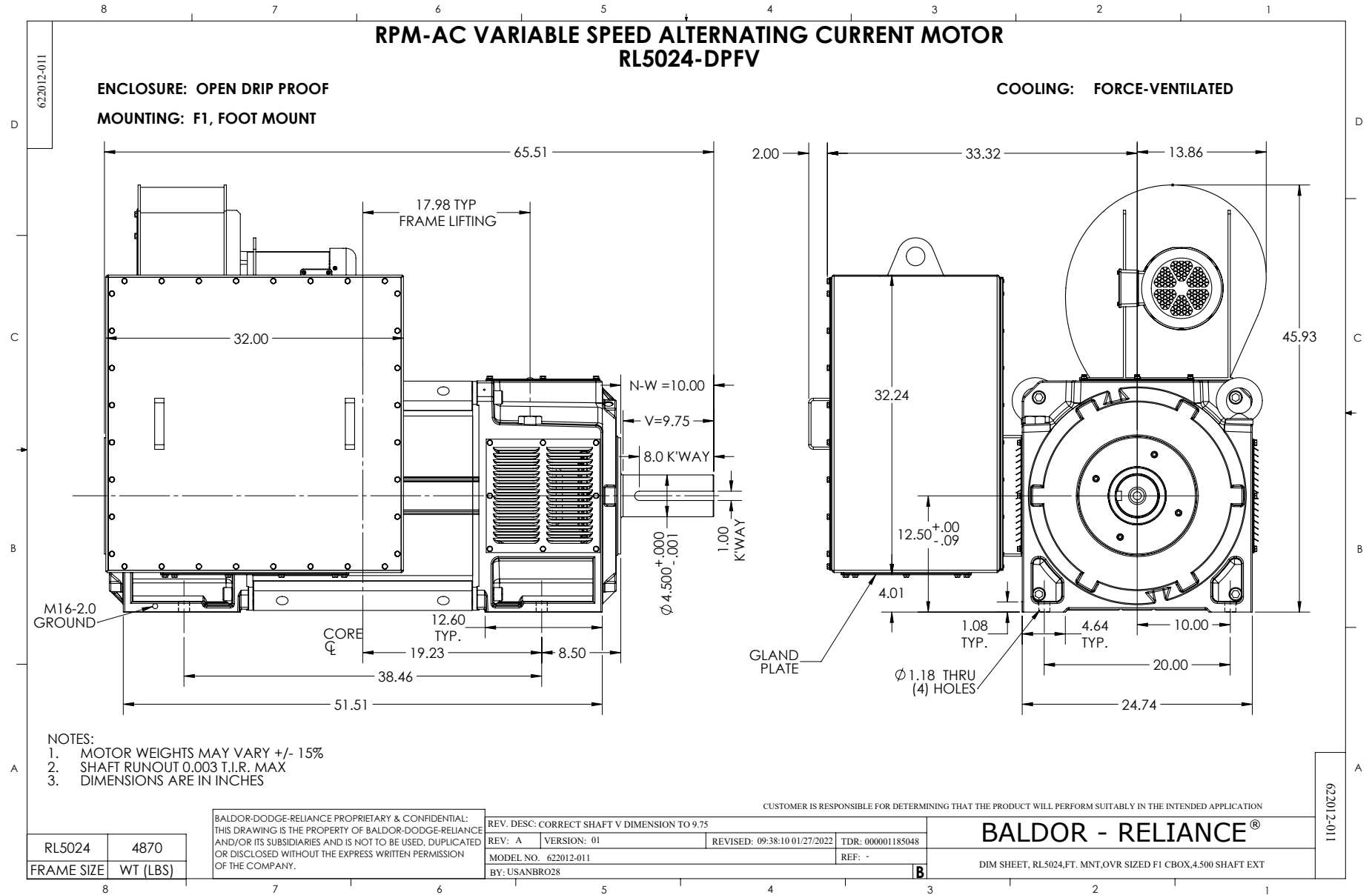
Thermal Device - Winding

Normally Closed Thermostat

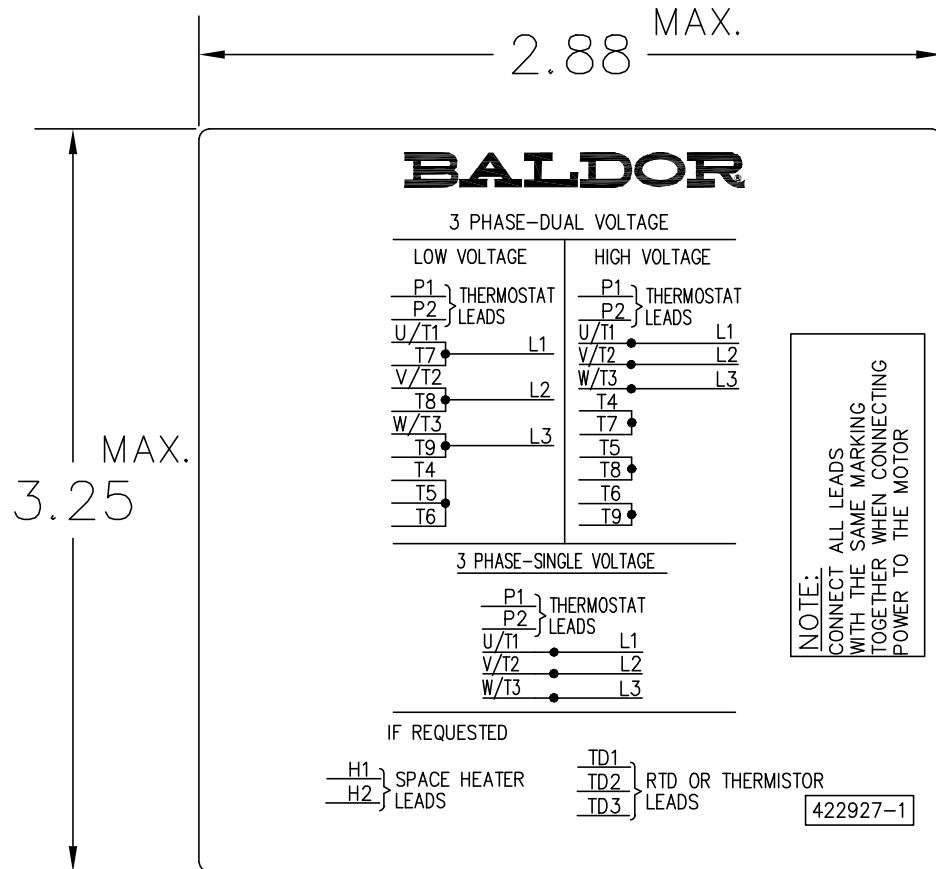
Nameplate

000613006MY

	DUTY	HP	RPM	AMPS	VOLTS	HZ	
	CONT	900	1150	1031	460		38.9
	CONT	900	1725	1036	460		58.5
CAT.NO.	IDDRPM509006		SPEC. NO.		R50-A000-0009		
SER.NO		FR	RL5024Z	INSUL	H		
PH.	3	MAX SAFE SPEED		3000	AMB.	40	MIN. AMB. -25
DESIGN NO.	L9079A	TYPE			ENCL.	DPG-FV	
S.F.	1.00		D.E. BRG.		120BC02J30X		
ENCL MOD		O.D.E. BRG.		6224/C3J20AA			
	IP23						



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: 00000788708
FILE: \RGG\00000\203	REVISED: 08:09:29 03/04/2013	
MTL: -	BY: RGGWT	

BALDOR

EXTERNAL CONNECTION LABEL

SH 1 of 1