ABB BALDOR RELIANCE

Customer information packet

24E109W049G2

G.M. T16NA 460V AC 60:1

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Specifications

Enclosure	TENV
	TENV
Frequency	60.00 Hz
	60.00 Hz
Gear Ratio	60:1
Gear Style	PSSH
Gearhead Type	PARALLEL SHAFT
Number of Poles	4
	4
Output Speed	29 rpm
Output Torque	112.00 lb-in
Phase	3
	3
Speed	1725 rpm
	1725 rpm
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage	460 V
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CSA
	UR
Ambient Temperature	40 °C
Connection Diagram	CD0006A16
Current @ Voltage	.300 A @ 460.0 V
Dimensional Drawing Numbers	24LYE109
Duty Rating	CONT
	CONT
Feedback Signal	NONE
Insulation Class	F
	F
Inverter Code	Not Inverter
KVA Code	-
	-

Part Detail

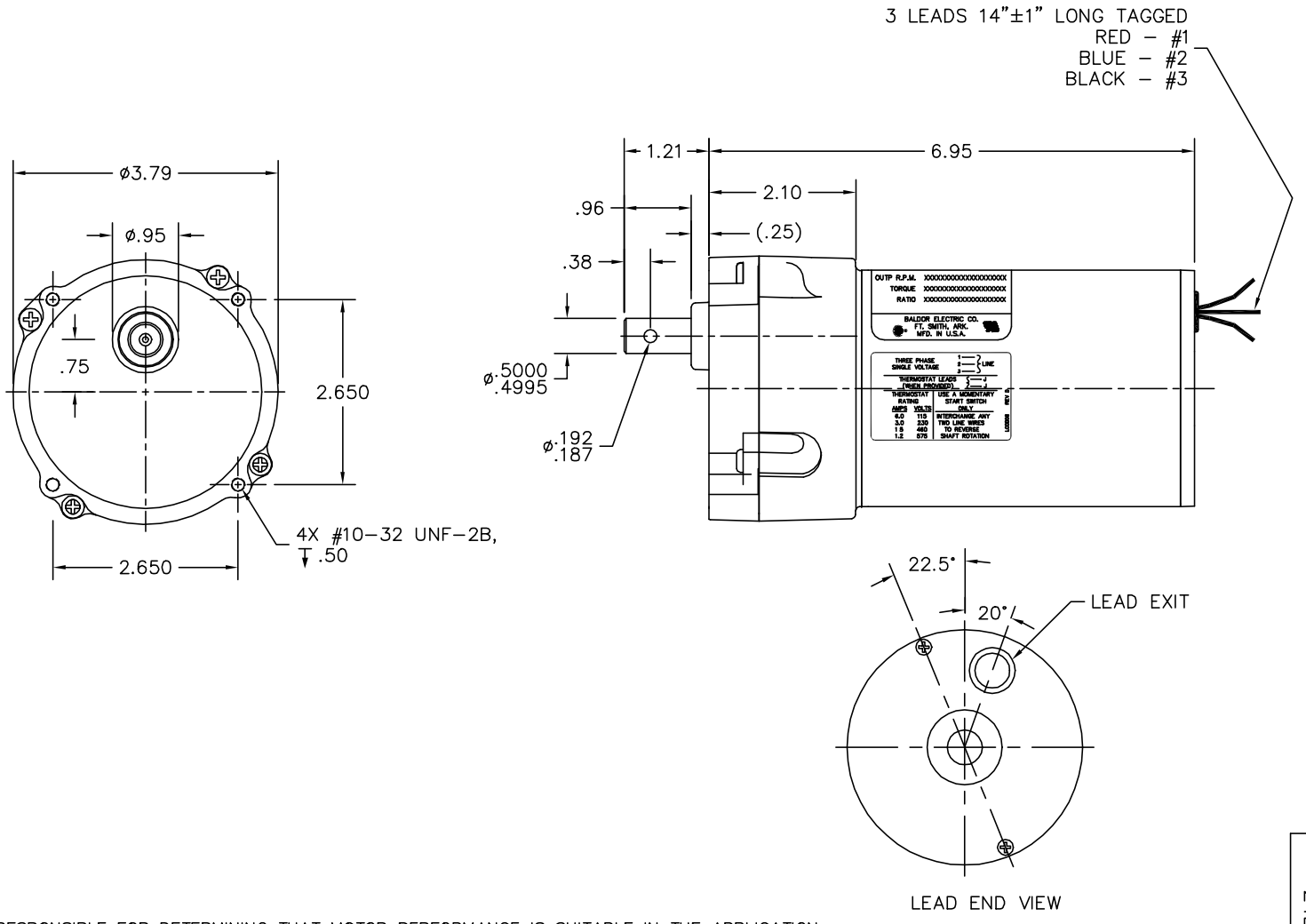
Revision	T
Type	AC
Mech. spec.	
Base	
Status	INA/A
Elec. spec.	24WGW049
Layout	24LYE109
Eff. date	01-10-2008
CD Diagram	CD0006A16
Poles	04
Leads	3#18
Proprietary	False
Created date	01-01-0001

Motor Lead Exit	Lead Hole In End Bell
Motor Lead Quantity/Wire Size	3 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Type	2416M
Overall Length	0.00 IN
Product Family	General Purpose
Service Factor	1.00
Shaft Diameter	0.000 IN
Shaft Rotation	Reversible
Thermal Device - Winding	None

Nameplate

NP1220A07					
CAT.NO.					
SER.NO	DATE CODE				
SPEC.	24E109W049G2				
HP	.08 TE				
VOLTS	460				
AMP	.27				
HZ	60	**PH**	3		
AMB.	40C	**DUTY**	CONT		
CAP		**CODE**	-		
SER.F.	1.00	**CLASS**	F		
R.P.M.	29				
TORQ/IN LB	112				
RATIO	60:1				
APRV-CSA		**APRV-UL**			

24LYE109



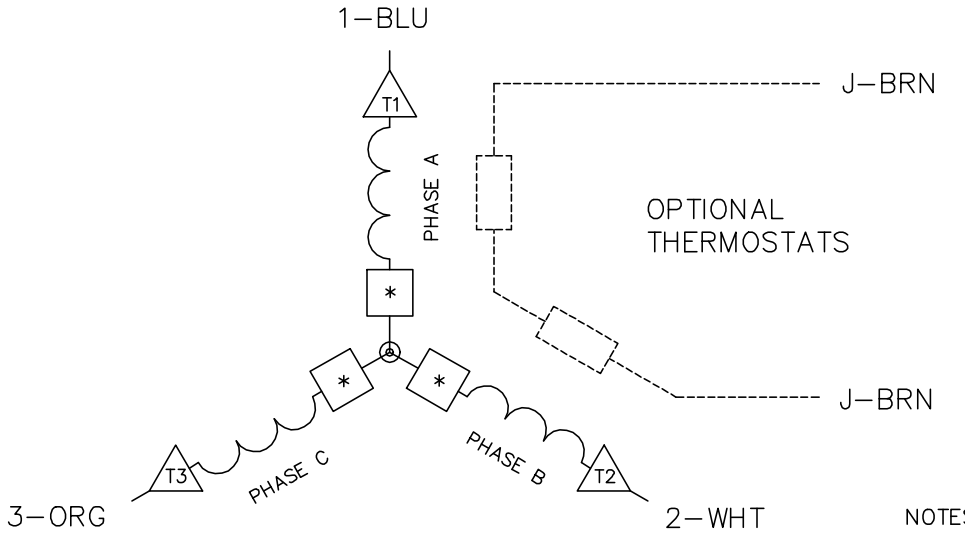
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

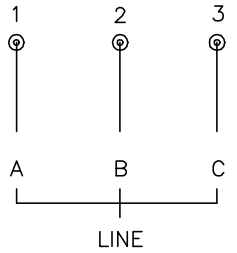
REV. DESC: REVISE LEAD COLORS			BALDOR ELECTRIC Co.
REV. LTR: L	VERSION: 07	TDR: 000000415909	
24LYE109	FILE: \CKA\00008\425	REVISED: 13:54:24 12/04/2006	LAYOUT,24AC PSSH RSB TENV 1.210 0.500
	MTL: –	BY: CKGLEH0	

24LYE109

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TYPICAL WYE–CONNECTED MOTOR





NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.
6. △# = MAGNET WIRE COIL END WITH I.D. NUMBER.

   [*] = MAGNET WIRE COIL END WITH I.D. SYMBOL.
7. REFERENCE CW PRINT FOR NEST TO NEST CROSSOVER CONNECTIONS.

REV. DESC: REMOVE DELTA CONNECTION		
REV. LTR: C	VERSION: 03	TDR: 000000977108
FILE: \CKA\00024\426	REVISED: 09:42:02 08/16/2016	BY: CKPAUD0
MTL: –		

BALDOR

3PH, SV, 3 LEADS, WYE CONNECTED, CK

SH 1 of 1

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