ABB BALDOR RELIANCE

Customer information packet

CECG338015T-4

CECG338015T-4 460VAC, 1.5HP, 900RPM

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Specifications

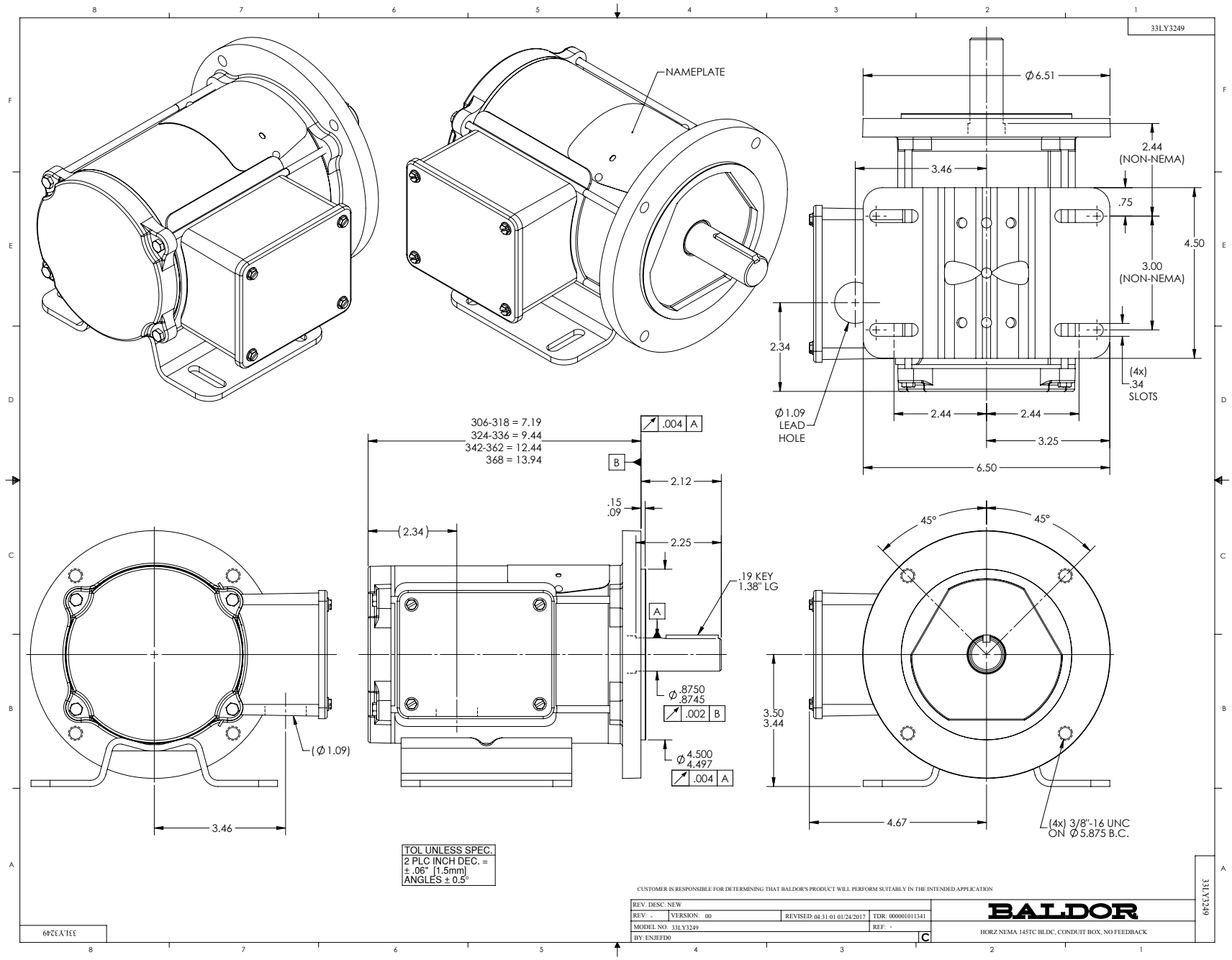
Enclosure	TENV
Nameplate Speed	900
Agency Approvals	CSA
	UR
Base Indicator	Rigid
Dimensional Drawing Numbers	33LY3249
Frame	145TC
Frame Material	Steel
Motor Lead Quantity/Wire Size	3 @ 18 AWG
Motor Standards	NEMA
Mounting Arrangement	F1
Nameplate Output	1.500
Shaft Rotation	Reversible
Thermal Device - Winding	Normally Closed Thermostat

Part Detail

Revision	E
Type	AC
Mech. spec.	33-3249
Base	
Status	PRD/A
Elec. spec.	33WGT049
Layout	33LY3249
Eff. date	10-29-2024
CD Diagram	CD0006A02
Poles	08
Leads	3#18
Proprietary	False
Created date	03-03-2017

Nameplate

NP3620L					
CAT.NO.	CECG338015T-4				
SPEC.	33-3249T049				
HP	1.5	**RPM**	900		
FRAME	145TC	**SER.F.**	1.00		
AC VOLTS	460				
MOT NOM CURRENT	2.62				
MOT NOM FREQ	60				
BEMF	273.87				
CLASS	F	**AMB**	40		
DUTY	CONT	**ENCL**	TENV		
DE	6205	**ODE**	6203		
SN					


33LY3249
NAMEPLATE
Ø6.51
2.44
(NON-NEMA)
3.46
.75
4.50
3.00
(NON-NEMA)
2.34
(4x)
.34
SLOTS
Ø1.09
LEAD
HOLE
2.44
2.44
3.25
6.50
306-318 = 7.19
324-336 = 9.44
342-362 = 12.44
368 = 13.94
.004 A
B
2.12
.15
.09
(2.34)
2.25
.19 KEY
1.38" LG
A
Ø.8750
Ø.8745
.002 B
Ø4.500
Ø4.497
.004 A
45°
45°
3.50
3.44
(Ø1.09)
3.46
4.67
(4x) 3/8"-16 UNC
ON Ø5.875 B.C.
TOL UNLESS SPEC.
2 PLC INCH DEC. = ± .06" [1.5mm]
ANGLES ± 0.5°
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: NEW
REV: - VERSION: 00 REVISED: 04:31:01 01/24/2017 TDR: 000001011341
MODEL NO. 33LY3249 REF: -
BY: ENJEFD0 C
BALDOR
HORZ NEMA 145TC BLDC, CONDUIT BOX, NO FEEDBACK
33LY3249

CD1212

MOTOR CONNECTIONS

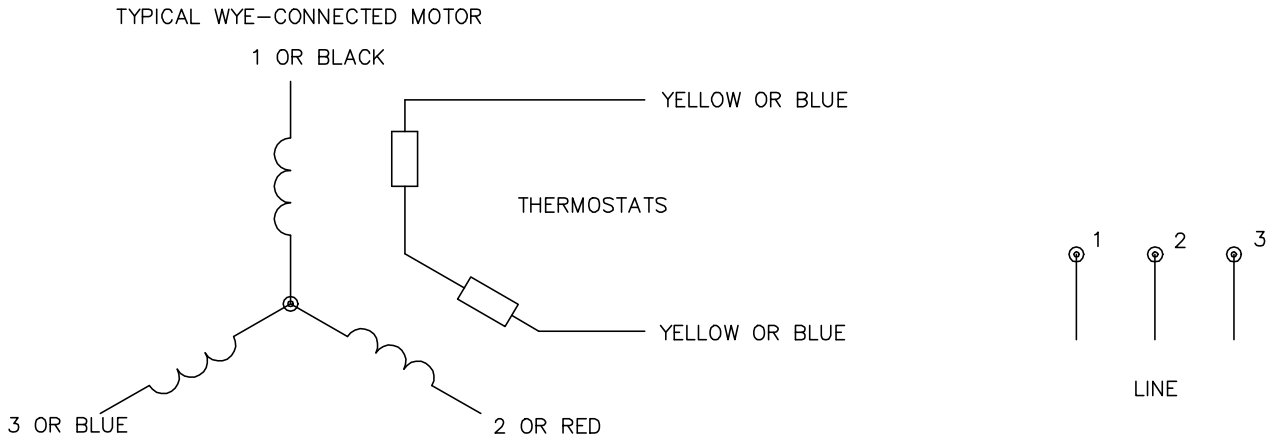
FUNCTION	INTERNAL/EXTERNAL MARKINGS
GROUND	GREEN/YELLOW
U	BLACK OR T1
V	RED OR T2
W	BLUE OR T3
* THERMAL SWITCH	YELLOW OR BLUE
* THERMAL SWITCH	YELLOW OR BLUE
* BRAKE	BLACK
* BRAKE	BLACK

* WHEN REQUIRED

CD1212

REV. DESC: REMOVE "BSM90 & 100" FROM DESCRIPTION			BALDOR - RELIANCE
REV. LTR: C	VERSION: 02	TDR: 000001064992	
FILE: \AAA\00043\247	REVISED: 01:04:07 03/20/2018	BY: ENJEFDO	WIRING DIAG – POWER LEADS ONLY, FOR MOTORS WITH FLYING LEADS
MTL: –			SH 1 of 1

CD0006A02



NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.

REV. DESC: REMOVED "OPTIONAL" FROM PRINT, SERVO REQ'S T'STATS			BALDOR ELECTRIC Co.
REV. LTR: D	VERSION: 03	TDR: 000000414937	
CD0006A02	FILE: \AAA\00068\606	REVISED: 10:02:28 11/21/2006	3PH, SV, 3 LEADS, WYE CONNECTED
	MTL: –	BY: ENJEFDO	

CD0006A02