

ABB BALDOR RELIANCE III

Customer information packet BSM63N-133AA

BSM63N-133AA (NEO) T'STAT, RESOLVE

Specifications

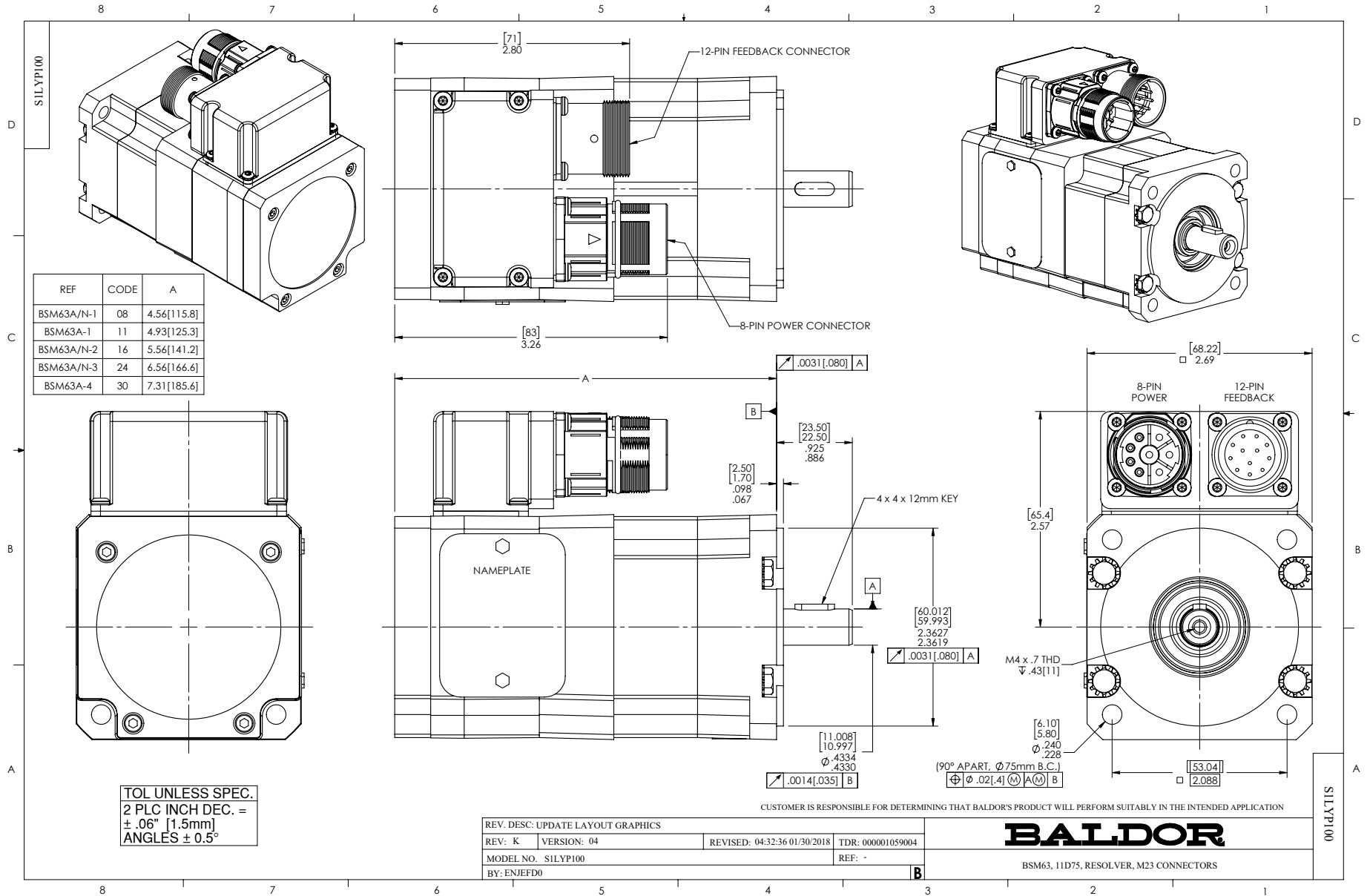
Enclosure	TENV
Nameplate Speed	6000
Agency Approvals	CE CSA TUV UR
Base Indicator	No Mounting
Dimensional Drawing Numbers	S1LYP100
Frame Material	Exposed Laminations
Motor Lead Quantity/Wire Size	3 @ 18 AWG
Motor Standards	Other
Mounting Arrangement	F1
Nameplate Output	0.45KW
Shaft Rotation	Reversible

Part Detail

Revision	AE
Type	AC
Mech. spec.	S1P100
Base	
Status	PRD/A
Elec. spec.	S1WGW036
Layout	S1LYP100
Eff. date	07-11-2025
CD Diagram	CD0006A02
Poles	04
Leads	3#18
Proprietary	False
Created date	01-01-0001

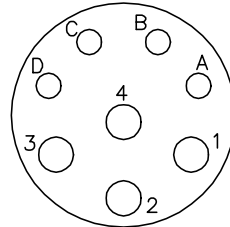
Nameplate

NP2859L						
CAT.						
SPEC	S1P100W036G1					
MFG						
TORQ CONT STALL	0.77 NM					
CUR CONT STALL/A RMS	2.01					
POWER	0.24KW					
RATED SPEED/RPM(1/MIN)	4000					
RATED BUS VOLTS	160					
PEAK CUR/A RMS	8.04					
MAX SPEED/RPM(1/MIN)	10000		WT.	2.7		
CLASS	F	IP	54	IC	410	25C RATED

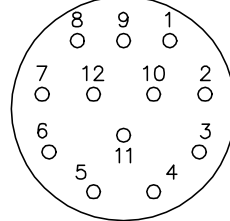


CD1321

8 PIN THREADED CONNECTOR
(CRIMP STYLE)
(INSERTION SIDE)



12 PIN THREADED CONNECTOR
(CRIMP STYLE)
(INSERTION SIDE)



MOTOR CONNECTIONS

PIN	FUNCTION	INTERNAL/EXTERNAL MARKINGS
A	THERMAL SWITCH	YELLOW
B	THERMAL SWITCH	YELLOW
C	BRAKE (OPTIONAL)	BLACK (* RED)
D	BRAKE (OPTIONAL)	BLACK
1	U	BLACK OR T1
2	GROUND	GREEN OR **GREEN/YELLOW
3	W	BLUE OR T3
4	V	RED OR T2

* WHEN REQUIRED

**CE MOTORS REQUIRE GREEN/YELLOW GROUND

RESOLVER CONNECTIONS

PIN	FUNCTION	INTERNAL WIRE COLOR
1	REF HI R1	RED/WHITE
2	REF LO R2	YELLOW/WHITE
3	COS+ S1	RED
4	COS- S3	BLACK
5	SINE- S4	BLUE
6	SINE+ S2	YELLOW

CD1321

REV. DESC: ADD CE NOTE AND GREEN/YELLOW GROUND

REV. LTR: F

VERSION: 03

TDR: 000001192301

FILE: \AAA\00055\309

REVISED: 02: 34: 44 06/13/2022

BY: ENDANDO

MTL: -

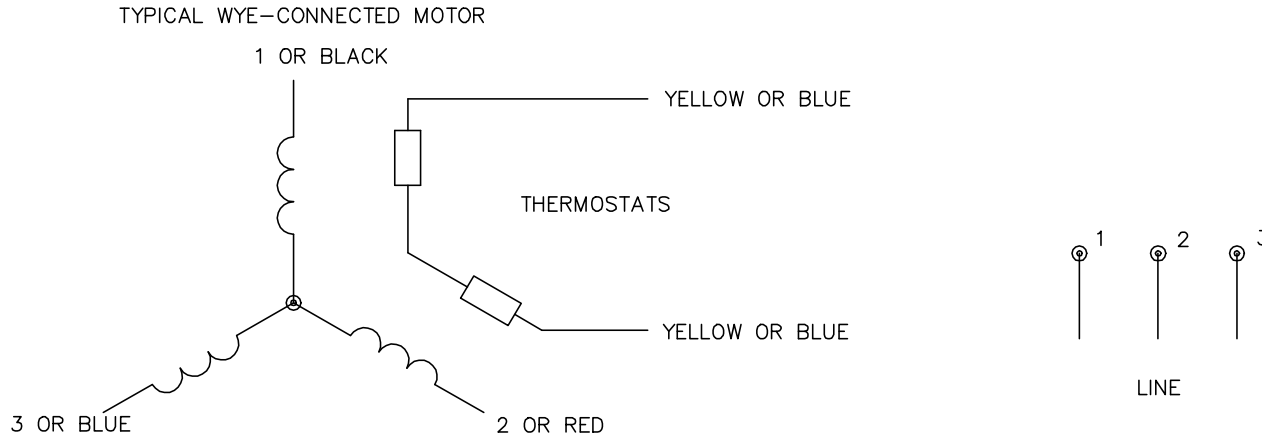


BALDOR - RELIANCE®

BSM WIRING DIAG, POWER & RESOLVER, 8 & 12 PIN THD CONNECT.

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		
REV. LTR: D	VERSION: 03	TDR: 000000414937
CD0006A02	FILE: \AAA\00068\606	REVISED: 10:02:28 11/21/2006
	MTL: -	BY: ENJFDO

BALDOR ELECTRIC Co.

3PH, SV, 3 LEADS, WYE CONNECTED

CD0006A02