ABB BALDOR RELIANCE

Customer information packet

BSM132C-6200AF

BSM132C-6200AF T'STAT, ENCODER

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Specifications

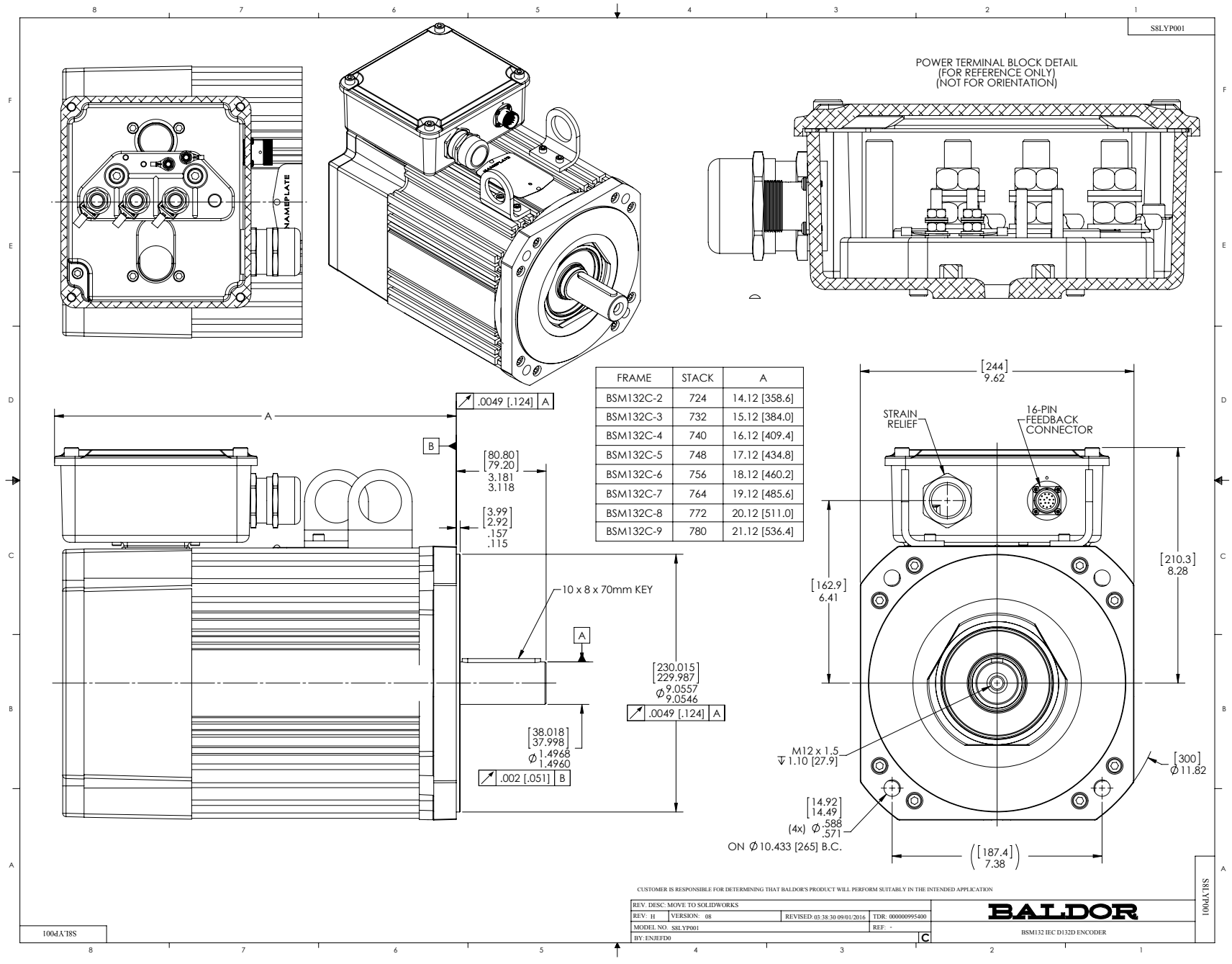
Enclosure	TENV
Nameplate Speed	3500
Base Indicator	Bracket Mounted
Dimensional Drawing Numbers	S8LYP001
Frame	D132D
Motor Lead Quantity/Wire Size	3 @ 10 AWG
Motor Standards	IEC
Mounting Arrangement	F1
Nameplate Output	9.8KW
Shaft Rotation	Reversible

Part Detail

Revision	W
Type	AC
Mech. spec.	S8P001
Base	
Status	PRD/A
Elec. spec.	S8WGW019
Layout	S8LYP001
Eff. date	05-13-2025
CD Diagram	CD0006A02
Poles	08
Leads	3#8 Y
Proprietary	False
Created date	07-08-2010

Nameplate

NP3306L					
CAT.NO.	BSM132C-6200AF				
SPEC.	S8P001W019				
MFG.NO.					
TORQ CONT STALL	105 NM				
CUR CONT STALL/A RMS	63				
POWER	15.69KW				
RATED SPEED/RPM(1/MIN)	3500				
RATED BUS VOLTS	650				
MAX SPEED/RPM(1/MIN)	5000				
PEAK CUR/A RMS	201				
MAXIMUM POWER/KW	15.69KW				
TORQ PEAK STALL/NM	315				
TORQ CONSTANT-NM/A	2				
IP	54	**IC**	410	**KG**	85

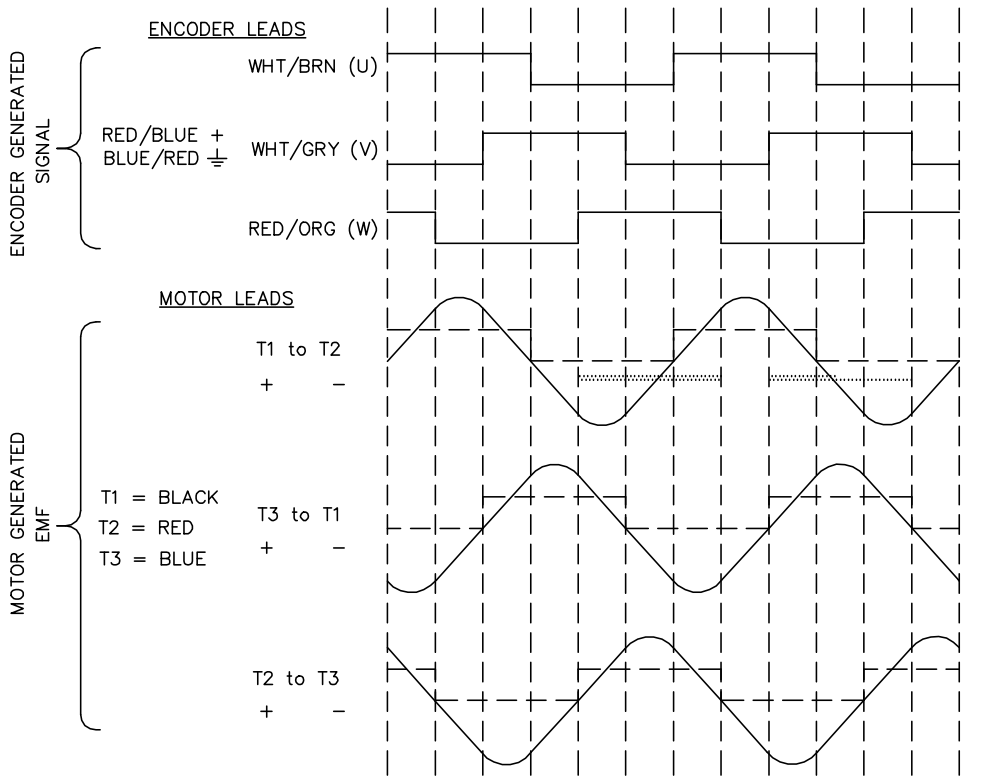


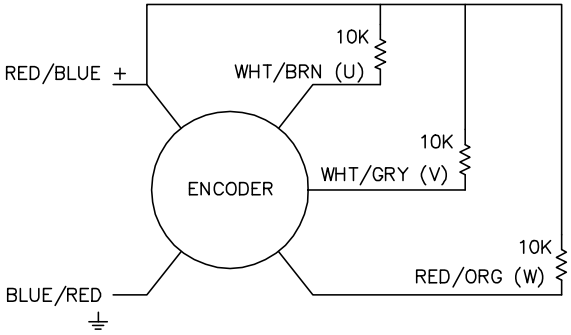
FRAME	STACK	A
BSM132C-2	724	14.12 [358.6]
BSM132C-3	732	15.12 [384.0]
BSM132C-4	740	16.12 [409.4]
BSM132C-5	748	17.12 [434.8]
BSM132C-6	756	18.12 [460.2]
BSM132C-7	764	19.12 [485.6]
BSM132C-8	772	20.12 [511.0]
BSM132C-9	780	21.12 [536.4]

CD1338A06

BRUSHLESS D.C. COMMUTATION

8 POLE MECHANICAL DEGREES	0	15	30	45	60	75	90	105	120	135	150	165	180
4 POLE MECHANICAL DEGREES	0	30	60	90	120	150	180	210	240	270	300	330	360
ELECTRICAL DEGREES	0	60	120	180	240	300	360	420	480	540	600	660	720





NOTE:
CCW ROTATION VIEWING
MOTOR SHAFT END

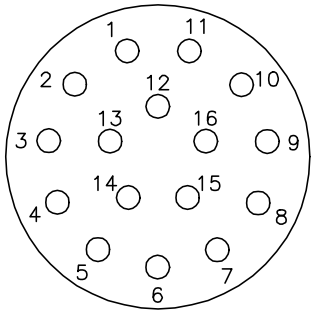
REV. DESC: UPDATED ENCODER COLORS TO CURRENT STANDARD			**Baldor • Dodge • Reliance**
REV. LTR: A	VERSION: 01	TDR: 000000437502	
CD1338A06	FILE: \AAA\00129\958	REVISED: 10:22:27 08/09/2007	BLDC COMMUTATION DYNAPAR F14 (CHNNLS MATCH TMGW SUMTAK KOYO)
	MTL: –	BY: ENJEFDO	

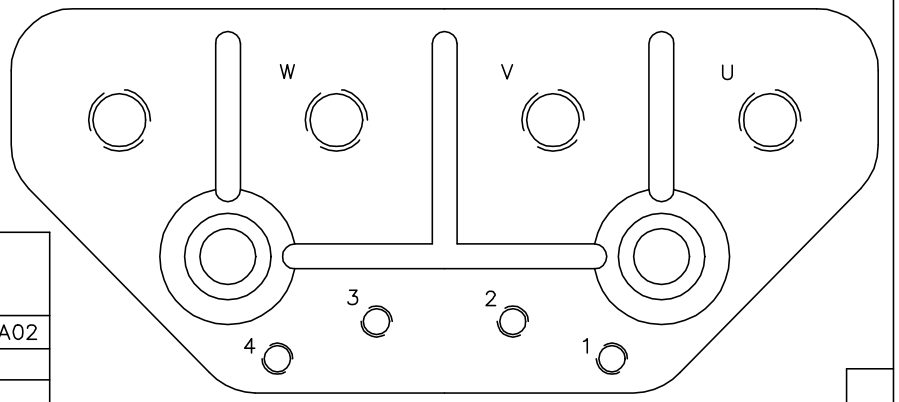
CD1338A06

CD2008A01

PIN	FUNCTION	WIRE COLOR
1	DC+5V	RED/BLUE
2	GROUND	BLUE/RED
3	CHANNEL A	BLUE
4	CHANNEL $\overline{A}$	ORANGE
5	CHANNEL B	GREEN
6	CHANNEL $\overline{B}$	BROWN
7	CHANNEL Z	BLACK
8	CHANNEL $\overline{Z}$	YELLOW
9	OPEN	---
10	CHANNEL U	WHITE/BROWN
11	CHANNEL $\overline{U}$	BROWN/WHITE
12	CHANNEL V	WHITE/GRAY
13	CHANNEL $\overline{V}$	GRAY/WHITE
14	CHANNEL W	RED/ORANGE
15	CHANNEL $\overline{W}$	ORANGE/RED
16	OPEN	---

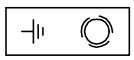
16 PIN THREADED CONNECTOR
(INSERTION SIDE)





MOTOR CONNECTIONS

TERMINAL LABEL	FUNCTION	INTERNAL WIRE MARKING		
		CD0006	*or*	CD0006A02
1	THERMAL SWITCH		YELLOW	
2	THERMAL SWITCH		YELLOW	
3	BRAKE (OPTIONAL)		BLACK	
4	BRAKE (OPTIONAL)		BLACK	
⏚	GROUND		–	
U	PHASE U	(T1) BLUE	*or*	(T1) BLACK
V	PHASE V	(T2) WHITE		(T2) RED
W	PHASE W	(T3) ORANGE		(T3) BLUE



GROUND
BOSS

CD2008A01

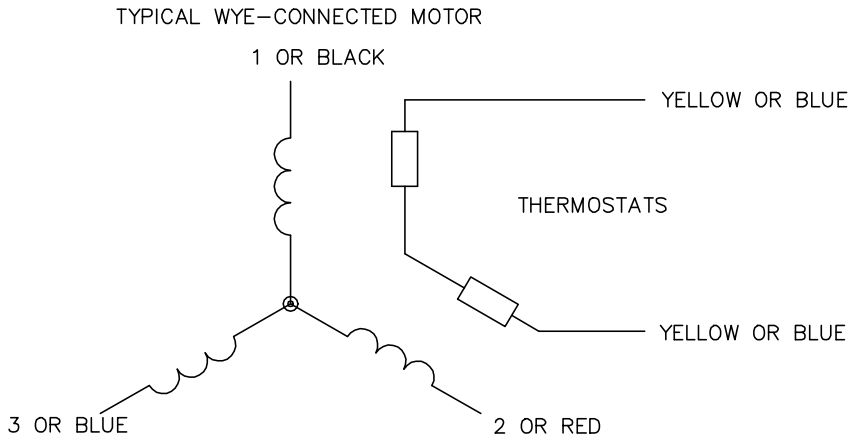
REV. DESC: ADD COLORS TO MOTOR PHASES		
REV. LTR: B	VERSION: 02	TDR: 000000802466
FILE: \AAA\00144\962		REVISED: 09:53:48 06/04/2013
MTL: –		BY: ENJEFDO

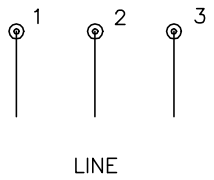
BALDOR

CONN DIAG BSM132, DANAHER ENCODER, WD1327A02 TERM BLOCK, 16P

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