

ABB BALDOR RELIANCE III

Customer information packet

HDS100-0413AEKNN

HDS100-0413A W/INC ENCODER(2500PPR), KEY

Specifications

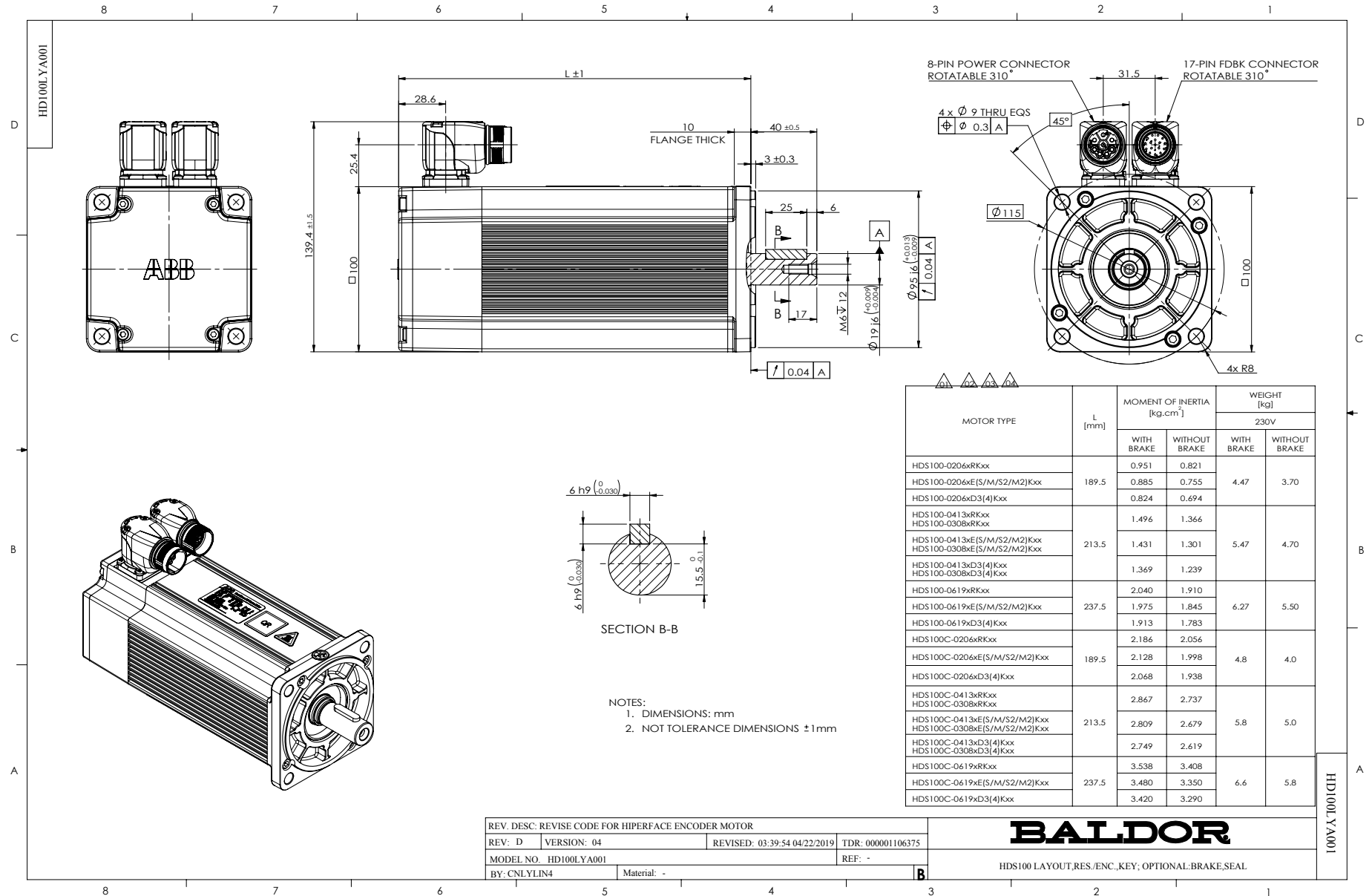
Bearing Grease Type	Polyrex EM
Dimensional Drawing Numbers	HD100LYA001
Nameplate Amps	6.4

Part Detail

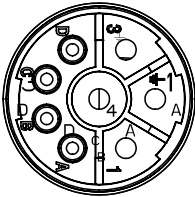
Revision	E
Type	
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	
Layout	HD100LYA001
Eff. date	04-16-2018
CD Diagram	
Poles	
Leads	
Proprietary	False
Created date	08-15-2017

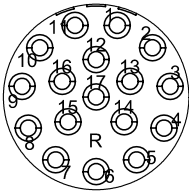
Nameplate

LB1577T01									
MODEL:	HDS100-0413AEKNN								
PN	1.3	KW	TO	4.0	N.M	IO	6.4	A	
U	230	V	TP	12.0	N.M	IP	22.0	A	
NN/N MAX	3000/4000			RPM	3XPTC130				
FBK	ENC			IP	IP54	INS F			
BRK:	VDC/				N.M				
S/N									



CD2167A03

MOTOR &BRAKE & PTC LEADS			
04  WD1456A26 (PLUG SIDE)	PIN	FUNCTION	COLOR
	1	U (R)	BLACK
	2	GROUND (PE)	YELLOW/GREEN
	3	W (T)	BLUE
	4	V (S)	RED
	A	PTC	BLUE BLACK
	B	PTC	BLUE
	C	BRAKE	RED
	D	BRAKE	BLUE

INCREMENTAL ENCODER LEADS						
04  WD1456A21 WD1456A06 (PLUG SIDE) 05	PIN	FUNCTION	COLOR	PIN	FUNCTION	COLOR
	1	DC+5V	RED	10	U	BROWN
	2	GND	BLACK	11	$\overline{U}$	BROWN/BLACK
	3	A	BLUE	12	V	GRAY
	4	$\overline{A}$	BLUE/BLACK	13	$\overline{V}$	GRAY/BLACK
	5	B	GREEN	14	W	WHITE
	6	$\overline{B}$	GREEN/BLACK	15	$\overline{W}$	WHITE/BLACK
	7	Z	YELLOW	16	-	-
	8	$\overline{Z}$	YELLOW/BLACK	17		
	9	-	-			

REV. DESC: CHANGE DESCRIPTION			
REV: E	VERSION: 05	REVISED: 03:49:58 12/23/2024	TDR: 000001247054
CD2167A03	MODEL NO. CD2167A03		REF: -
	BY: CNCONIE	Material: -	

BALDOR

CONNECTION DIAGRAM,POWER &INC. ENCODER

CD2167A03