

ABB BALDOR RELIANCE III

Customer information packet

HDS100-0619AEKNN

HDS100-0619AEKNN, INCR. ENCODER, KEY, 230V

Specifications

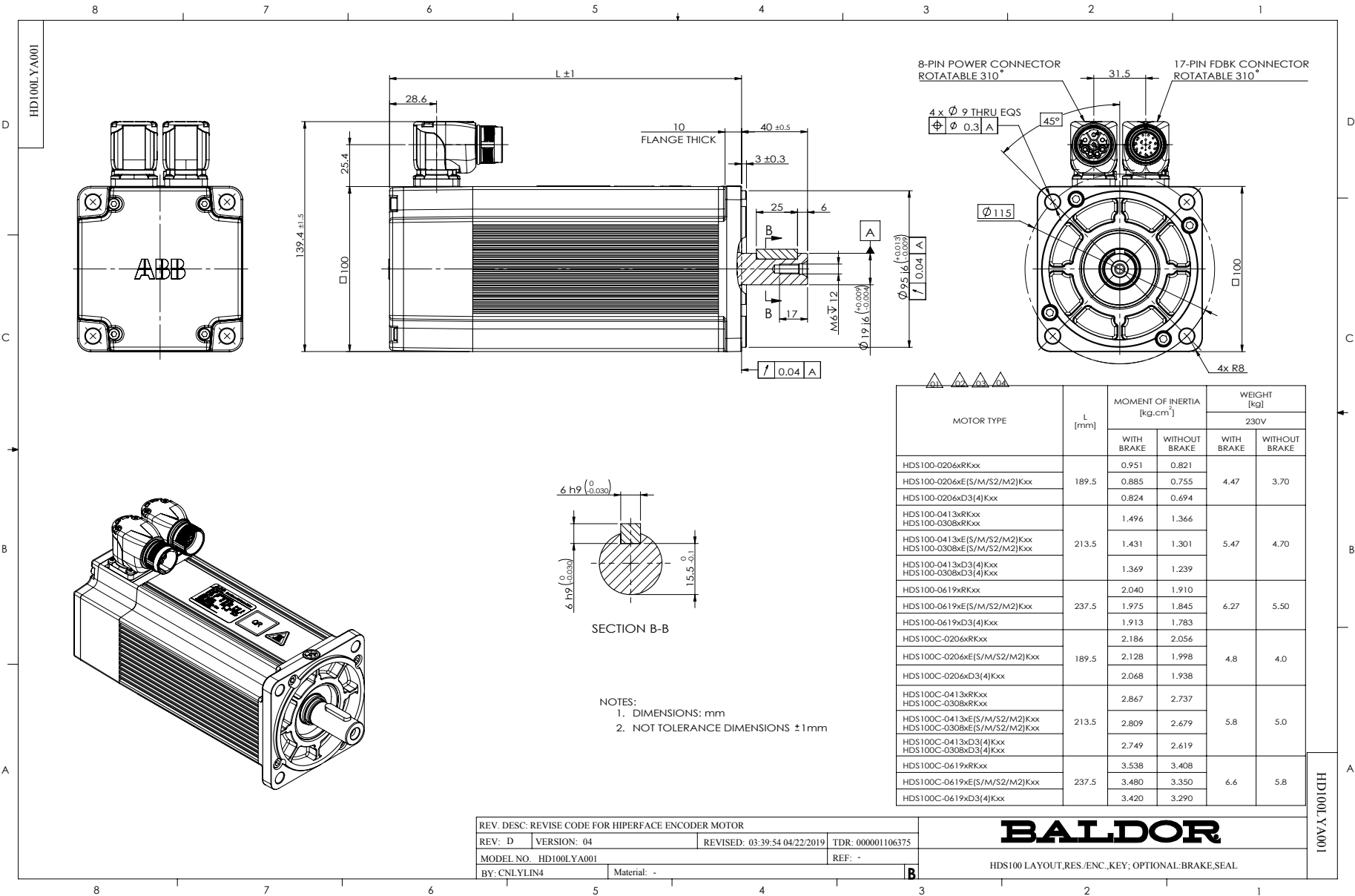
Bearing Grease Type	Polyrex EM
Dimensional Drawing Numbers	HD100LYA001
Frame Material	Laminated
Nameplate Amps	10.0

Part Detail

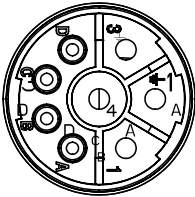
Revision	E
Type	
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	
Layout	HD100LYA001
Eff. date	04-09-2018
CD Diagram	
Poles	
Leads	
Proprietary	False
Created date	08-10-2017

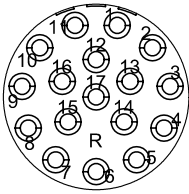
Nameplate

LB1577T01									
MODEL:	HDS100-0619AEKNN								
PN	1.9	KW	TO	6.0	N.M	IO	10.0	A	
U	230	V	TP	18.0	N.M	IP	32.0	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