

**BALDOR® • RELIANCE®**

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# Customer information packet

## HDS100-0206AEKNN

HDS100-0206AEKNN, INCR.ENCODER, KEY, 230V

**Specifications**

<b>Bearing Grease Type</b>	Polyrex EM
<b>Dimensional Drawing Numbers</b>	HD100LYA001
<b>Nameplate Amps</b>	3.2

**Part detail**

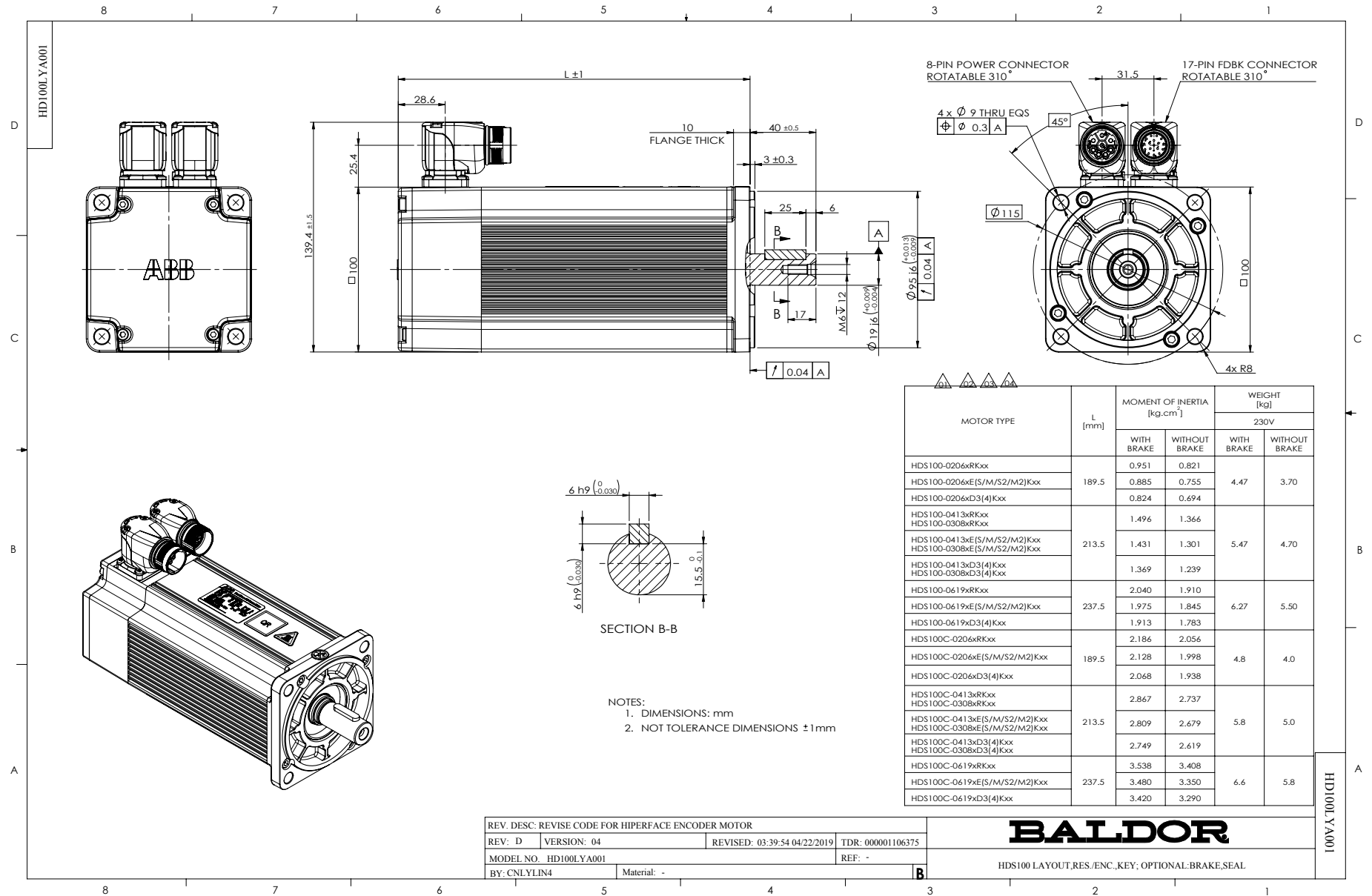
<b>Revision</b>	F
<b>Type</b>	
<b>Mech. spec.</b>	
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	
<b>Layout</b>	HD100LYA001
<b>Eff. date</b>	04-09-2018
<b>CD Diagram</b>	
<b>Poles</b>	
<b>Leads</b>	
<b>Proprietary</b>	False
<b>Created date</b>	08-15-2017

**Nameplate**



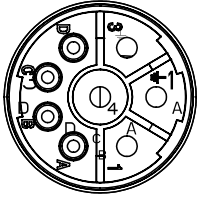

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


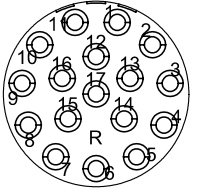
<b>LB1577T01</b>									
<b>MODEL:</b>	HDS100-0206AEKNN								
<b>PN</b>	0.6	<b>KW</b>	<b>TO</b>	2.0	<b>N.M</b>	<b>IO</b>	3.2	<b>A</b>	
<b>U</b>	230	<b>V</b>	<b>TP</b>	6.0	<b>N.M</b>	<b>IP</b>	11.0	<b>A</b>	
<b>NN/N MAX</b>	3000/4000		<b>RPM</b>	3XPTC130					
<b>FBK</b>	ENC		<b>IP</b>	IP54		<b>INS F</b>			
<b>BRK:</b>	VDC/		<b>N.M</b>						
<b>S/N</b>									

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CD2167A03

MOTOR & BRAKE & PTC LEADS			
	PIN	FUNCTION 	COLOR
 <p>WD1456A26 (PLUG SIDE)</p>	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						
	PIN	FUNCTION 	COLOR	PIN	FUNCTION 	COLOR
 <p>WD1456A06 (PLUG SIDE)</p>	1	DC+5V	RED	10	U	BROWN
	2	GND	BLACK	11	$\bar{U}$	BROWN/BLACK
	3	A	BLUE	12	V	GRAY
	4	$\bar{A}$	BLUE/BLACK	13	$\bar{V}$	GRAY/BLACK
	5	B	GREEN	14	W	WHITE
	6	$\bar{B}$	GREEN/BLACK	15	$\bar{W}$	WHITE/BLACK
	7	Z	YELLOW	16	-	-
	8	$\bar{Z}$	YELLOW/BLACK	17		
	9	-	-			

REV. DESC: ENGINEERING CHANGE

REV: D    VERSION: 04    REVISED: 04:11:40 03/04/2024    TDR: 000001227267

CD2167A03

MODEL NO. CD2167A03

REF: -

BY: CNCONIE    Material: -

**BALDOR**

CONNECTION DIAGRAM, POWER & INC. ENCODER

CD2167A03