

# **ABB BALDOR RELIANCE III**



## **Customer information packet**

HDS100-0413AGKNN

HDS100-0413A W/ABSOLUTE SINGL-TURN (DSL)

Copyright © All product information within this document is subject to ABB Motors and Mechanical Inc. copyright © protection, unless otherwise noted.

7/8/2026 5:41:17 PM

**Specifications**

<b>Bearing Grease Type</b>	Polyrex EM
<b>Dimensional Drawing Numbers</b>	HD100LYA002
<b>Nameplate Amps</b>	6.4

**Part Detail**

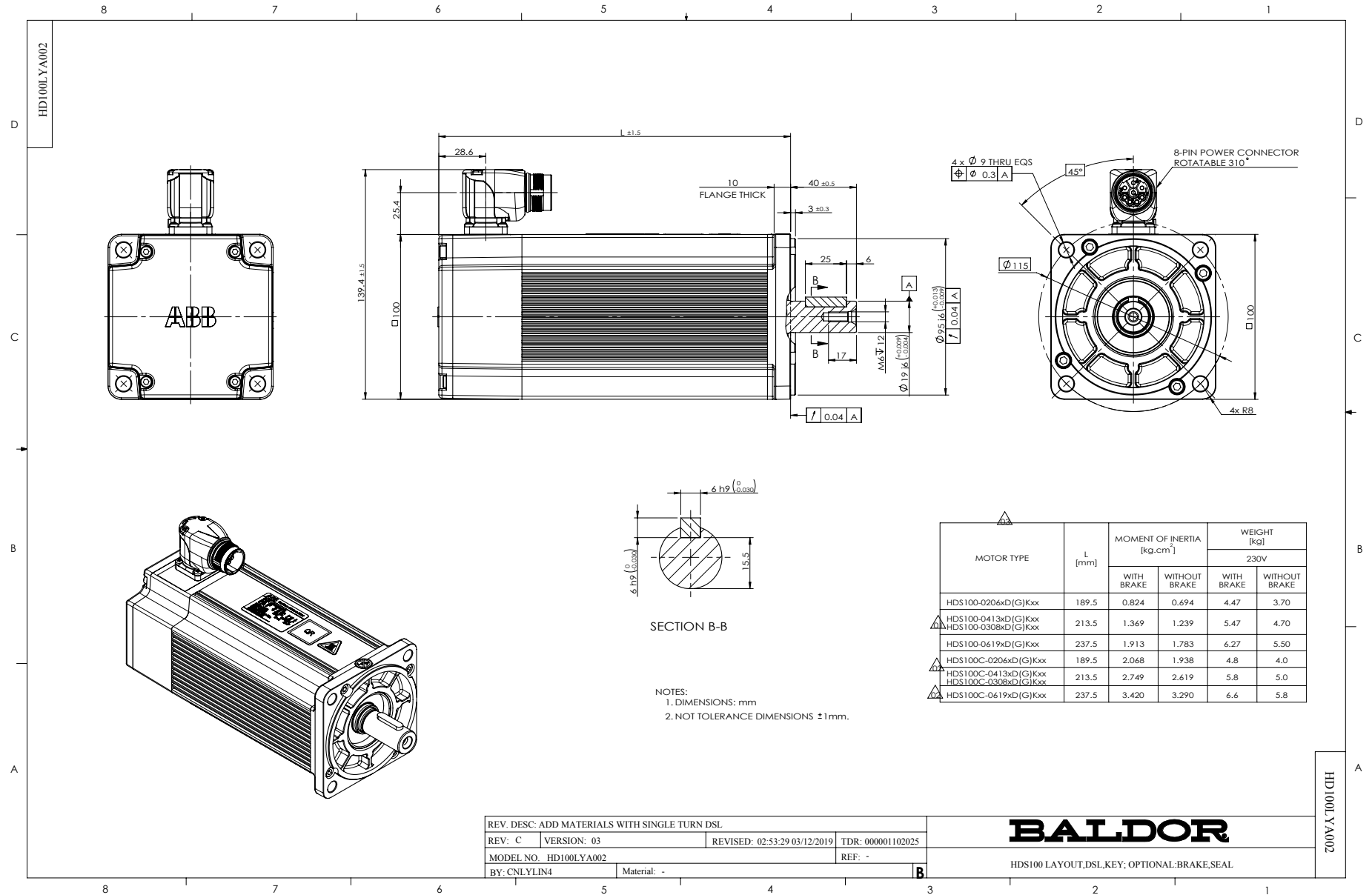
<b>Revision</b>	D
<b>Type</b>	
<b>Mech. spec.</b>	
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	
<b>Layout</b>	HD100LYA002
<b>Eff. date</b>	04-16-2018
<b>CD Diagram</b>	
<b>Poles</b>	
<b>Leads</b>	
<b>Proprietary</b>	False
<b>Created date</b>	08-15-2017

**Nameplate**

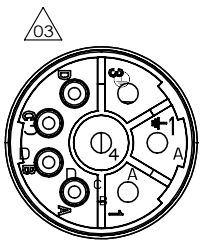
---

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

---



CD2167A02

MOTOR & BRAKE & DSL ENCODER & PTC LEADS			
 WD1456A26 (PLUG SIDE)	PIN	FUNCTION	COLOR
	1	V(S) U (R)	RED BLACK
	2	GROUND (PE)	YELLOW/GREEN
	3	U(R) W (T)	BLACK BLUE
	4	W(T) V (S)	BLUE RED
	A	+U <sub>s</sub> /DSL+/PTC	GRAY
	B	BRAKE GND/DSL-/PTC	RED GREEN
	C	BRAKE	BLUE RED
	D	GND/DSL-/PTC BRAKE	GREEN BLUE

REV. DESC: ENGINEERING CHANGE

REV: C    VERSION: 03    REVISED: 03:56:22 03/04/2024    TDR: 000001227267

CD2167A02

MODEL NO. CD2167A02

REF: -

BY: CNCONIE

Material: -

**BALDOR**

CONNECTION DIAGRAM, POWER & DSL

CD2167A02