

**BALDOR® • RELIANCE™**

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# Customer information packet

## HDS130-1226CRKNN

HDS130-1226CRKNN, RESOLVER, KEY

**Specifications**

<b>Bearing Grease Type</b>	Polyrex EM
<b>Dimensional Drawing Numbers</b>	HD130LYA001
<b>Nameplate Amps</b>	8.0

**Part detail**

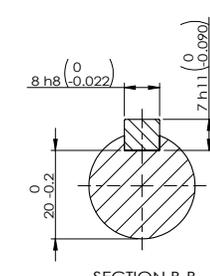
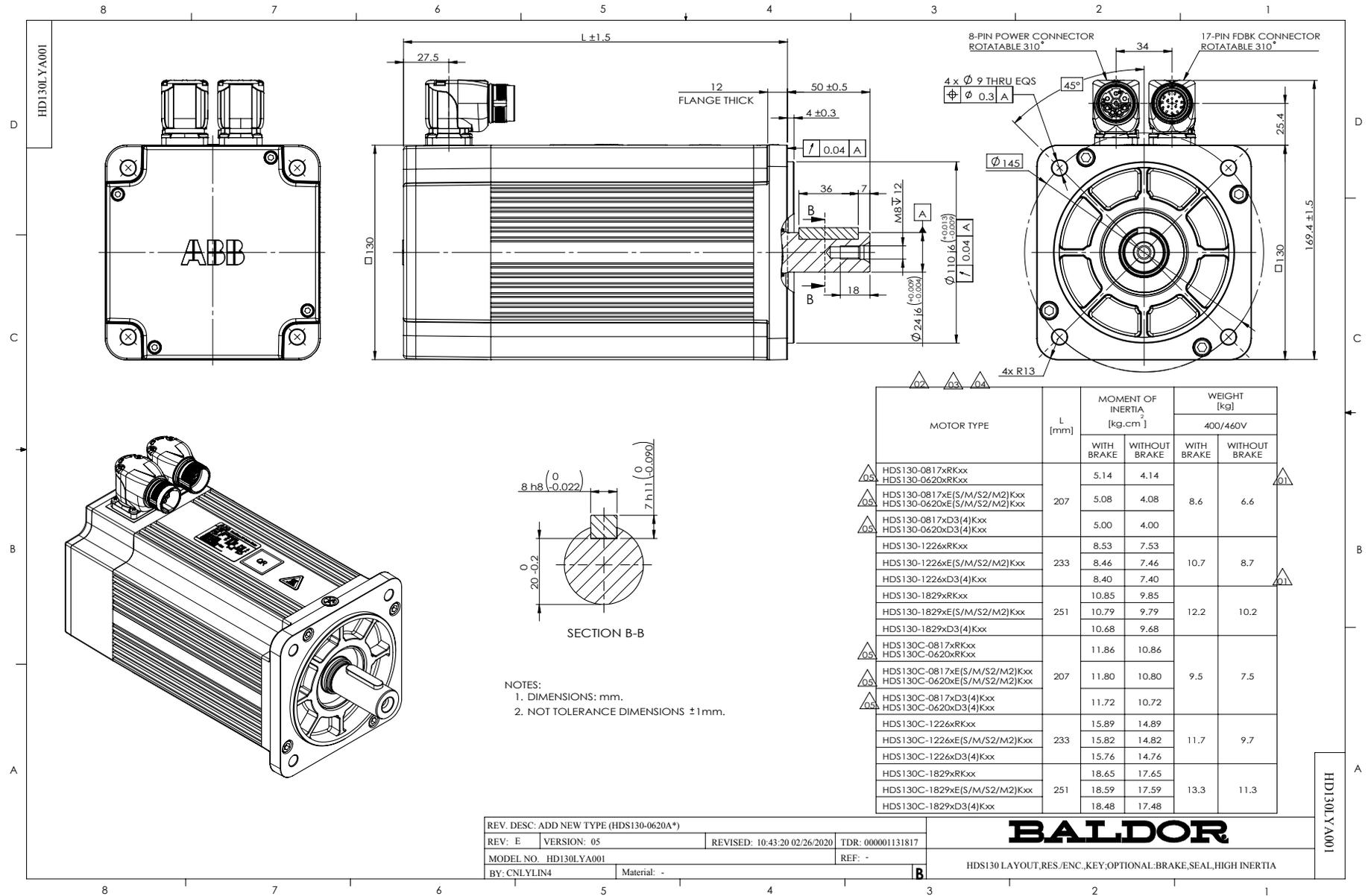
<b>Revision</b>	F
<b>Type</b>	
<b>Mech. spec.</b>	
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	
<b>Layout</b>	HD130LYA001
<b>Eff. date</b>	04-09-2018
<b>CD Diagram</b>	
<b>Poles</b>	
<b>Leads</b>	
<b>Proprietary</b>	False
<b>Created date</b>	08-15-2017

**Nameplate**

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<b>LB1577T01</b>									
<b>MODEL:</b>	HDS130-1226CRKNN								
<b>PN</b>	2.6	<b>KW</b>	<b>TO</b>	12.0	<b>N.M</b>	<b>IO</b>	8.0	<b>A</b>	
<b>U</b>	460	<b>V</b>	<b>TP</b>	36.0	<b>N.M</b>	<b>IP</b>	26.0	<b>A</b>	
<b>NN/N MAX</b>	2000/4000		<b>RPM</b>	3XPTC130					
<b>FBK</b>	RES		<b>IP</b>	IP54	<b>INS F</b>				
<b>BRK:</b>		<b>VDC/</b>		<b>N.M</b>					
<b>S/N</b>									

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NOTES:  
 1. DIMENSIONS: mm.  
 2. NOT TOLERANCE DIMENSIONS ±1mm.

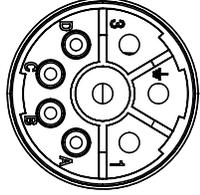
MOTOR TYPE	L [mm]	MOMENT OF INERTIA [kg.cm <sup>2</sup> ]		WEIGHT [kg]	
		WITH BRAKE	WITHOUT BRAKE	WITH BRAKE	WITHOUT BRAKE
HDS130-0817xRKxx HDS130-0620xRKxx	207	5.14	4.14		
HDS130-0817xE(S/M/S2/M2)Kxx HDS130-0620xE(S/M/S2/M2)Kxx		5.08	4.08	8.6	6.6
HDS130-0817xD3(4)Kxx HDS130-0620xD3(4)Kxx	251	5.00	4.00		
HDS130-1226xRKxx HDS130-1226xE(S/M/S2/M2)Kxx HDS130-1226xD3(4)Kxx		8.53	7.53	10.7	8.7
HDS130-1829xRKxx HDS130-1829xE(S/M/S2/M2)Kxx HDS130-1829xD3(4)Kxx	251	10.85	9.85		
HDS130C-0817xRKxx HDS130C-0620xRKxx		10.79	9.79	12.2	10.2
HDS130C-0817xE(S/M/S2/M2)Kxx HDS130C-0620xE(S/M/S2/M2)Kxx	207	10.68	9.68		
HDS130C-0817xD3(4)Kxx HDS130C-0620xD3(4)Kxx		11.86	10.86	9.5	7.5
HDS130C-1226xRKxx HDS130C-1226xE(S/M/S2/M2)Kxx HDS130C-1226xD3(4)Kxx	233	11.72	10.72		
HDS130C-1829xRKxx HDS130C-1829xE(S/M/S2/M2)Kxx HDS130C-1829xD3(4)Kxx		15.89	14.89	11.7	9.7
	251	15.82	14.82		
		18.65	17.65	13.3	11.3
	251	18.59	17.59		
		18.48	17.48		

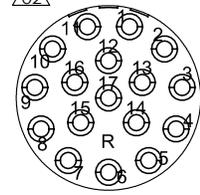
REV. DESC: ADD NEW TYPE (HDS130-0620A\*)  
 REV: E VERSION: 05 REVISÉD: 10.43.20 02/26/2020 TDR: 000001131817  
 MODEL NO. HD130LYA001 REF: -  
 BY: CNLYLIN4 Material: -

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HDS130 LAYOUT, RES./ENC./KEY/OPTIONAL: BRAKE, SEAL, HIGH INERTIA

CD2167A09

MOTOR & BRAKE & PTC LEADS			
 <p>WD1456A26 (PLUG SIDE)</p>	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

RESOLVER LEADS			
 <p>WD1456A21 (PLUG SIDE)</p>	PIN	FUNCTION	COLOR
	1	R1 (REF+)	RED/WHITE
	2	R2 (REF-)	YELLOW/WHITE
	3	S1 (COS+)	RED
	4	S3 (COS-)	BLACK
	5	S4 (SIN-)	BLUE
	6	S2 (SIN+)	YELLOW
	7~17	-	-

REV. DESC: ENGINEERING CHANGE			
REV: B	VERSION: 02	REVISED: 04:41:51 03/04/2024	TDR: 000001227267
60A71DC CD2167A09	MODEL NO. CD2167A09		REF: -
	BY: CNCONIE	Material: -	

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CONNECTION DIAGRAM, POWER & RESOLVER

CD2167A09