Customer information packet

HDS130-0817BGKNN

HDS130-0817B W/ABSOLUTE SINGL-TURN (DSL)

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11/25/2026 5:02:52 AM

Specifications

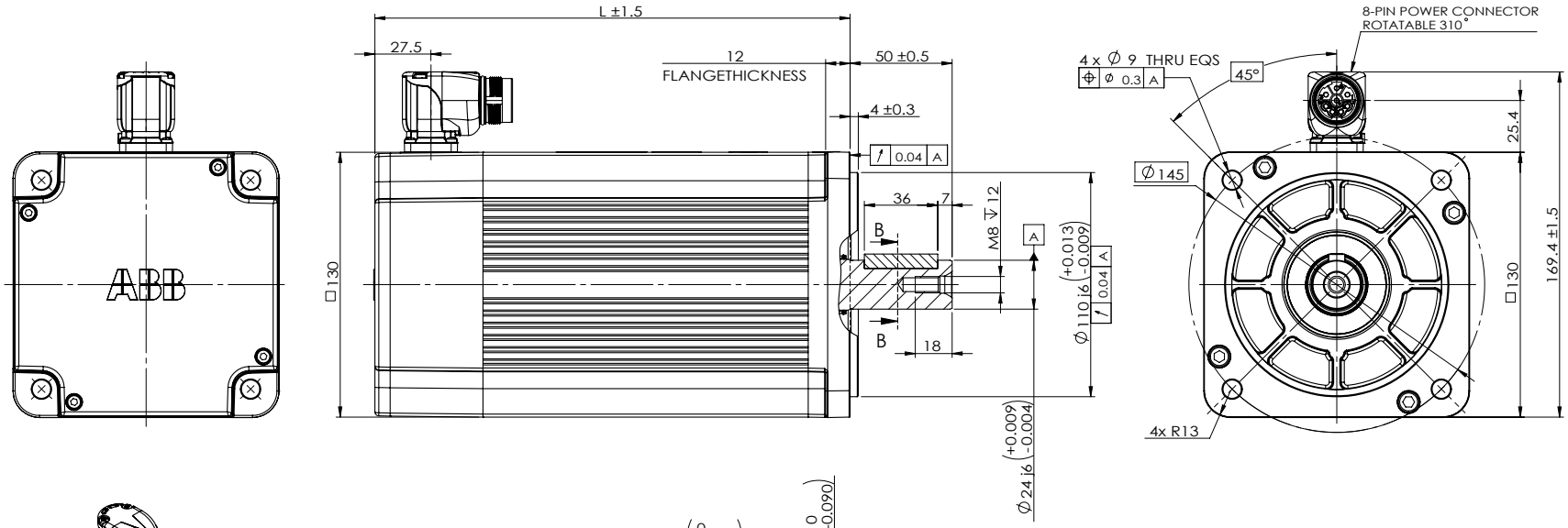
Bearing Grease Type	Polyrex EM
Dimensional Drawing Numbers	HD130LYA002
Nameplate Amps	8

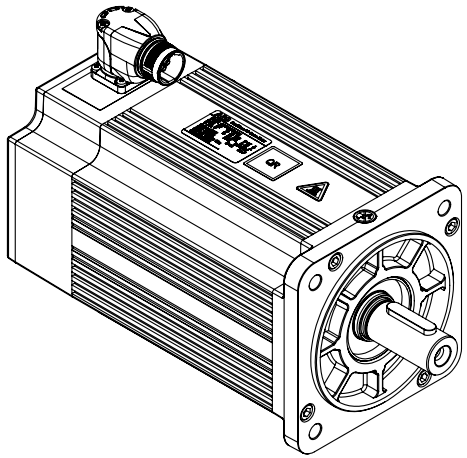
Part Detail

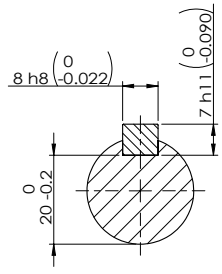
Revision	G
Type	
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	
Layout	HD130LYA002
Eff. date	11-13-2018
CD Diagram	
Poles	
Leads	
Proprietary	False
Created date	08-15-2017

Nameplate

LB1577T01											
MODEL:	HDS130-0817BGKNN										
PN	1.7	**KW**	**TO**	8.0	**N.M**	**IO**	8	**A**			
U	400	**V**	**TP**	24.0	**N.M**	**IP**	27.0	**A**			
NN/N MAX	2000/4000		**RPM**		**3XPTC130**						
FBK	S.DSL		**IP**	IP54	**INS F**						
BRK:		**VDC/**		**N.M**							
S/N											







SECTION B-B

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

MOTOR TYPE	L [mm]	MOMENT OF INERTIA [kg.cm²]		WEIGHT [kg] 01	
				400/460V	
		WITH BRAKE	WITHOUT BRAKE	WITH BRAKE	WITHOUT BRAKE
HDS130-0817xD(G)Kxx	207	5.00	4.00	8.6	6.6
HDS130-1226xD(G)Kxx	233	8.40	7.40	10.7	8.7
HDS130-1829xD(G)Kxx	251	10.68	9.68	12.2	10.2
02 HDS130C-0817xD(G)Kxx	207	11.72	10.72	9.5	7.5
02 HDS130C-1226xD(G)Kxx	233	15.76	14.76	11.7	9.7
02 HDS130C-1829xD(G)Kxx	251	18.48	17.48	13.3	11.3

03

REV. DESC: ADD MATERIALS WITH SINGLE TURN DSL			
REV: C	VERSION: 03	REVISED: 03:08:18 03/12/2019	TDR: 000001102025
MODEL NO. HD130LYA002			REF: -
BY: CNLYLIN4	Material: -		B

BALDOR

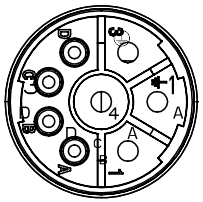
HDS130 LAYOUT,DSL,KEY; OPTIONAL: BRAKE, SEAL,HIGH INERTIA

HD130LYA002

CD2167A02

MOTOR & BRAKE & DSL ENCODER & PTC LEADS

△03



WD1456A26
(PLUG SIDE)

PIN	FUNCTION	COLOR	
1	~~V (S)~~ U (R)	~~RED~~ BLACK	△02
2	GROUND (PE)	YELLOW/GREEN	
3	~~U (R)~~ W (T)	~~BLACK~~ BLUE	△02
4	~~W (T)~~ V (S)	~~BLUE~~ RED	
A	+U_S/DSL+/PTC	GRAY	
B	~~BRAKE~~ GND/DSL-/PTC	~~RED~~ GREEN	△02
C	BRAKE	~~BLUE~~ RED	
D	~~GND/DSL-/PTC~~ BRAKE	~~GREEN~~ BLUE	△02

CD2167A02

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: -	

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CONNECTION DIAGRAM,POWER & DSL

CD2167A02