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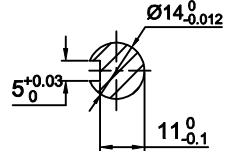
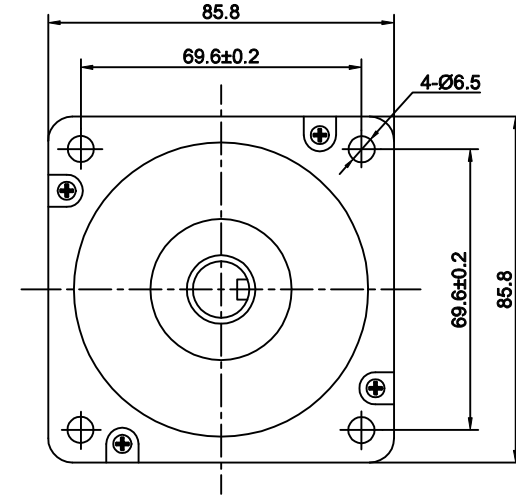
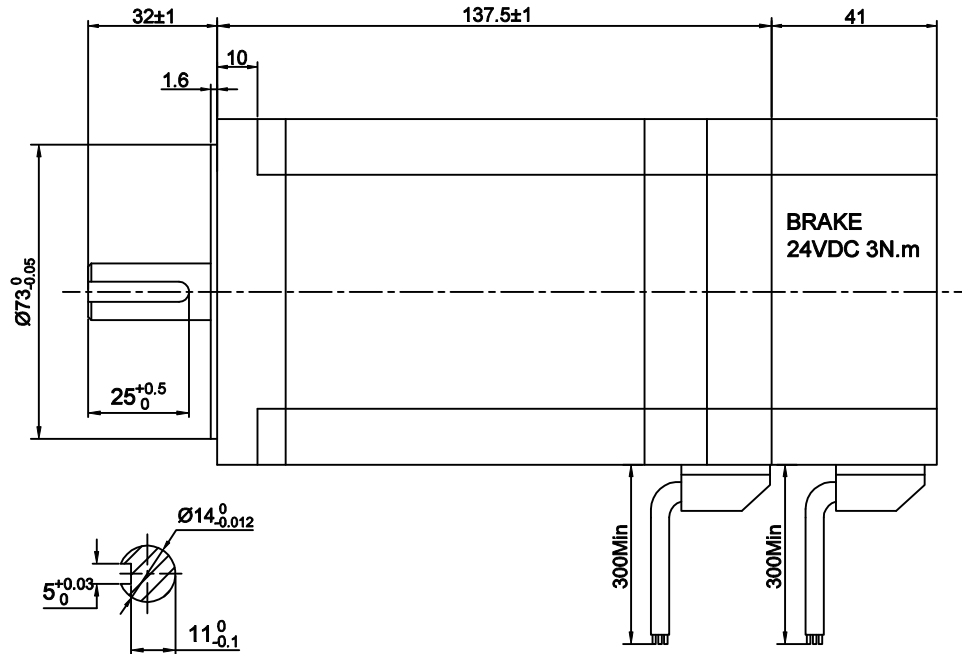
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DC BRUSHLESS MOTOR SPECIFICATION

unit=mm



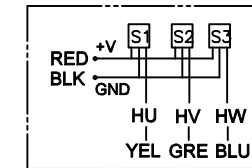
ROTATION: CW VIEWED FROM OUTPUT SHAFT

NUMBER OF POLES	8
PHASE TO PHASE RESISTANCE	0.037 OHMS
RATED VOLTAGE	24 VDC
NO LOAD SPEED	3700±10% RPM
NO LOAD CURRENT	4 Amps
RATED TORQUE	2 N-m
RATED SPEED	3000±10% RPM
RATED CURRENT	35 Amps
OUTPUT POWER	628 W
BACK EMF CONSTANT	4.1 V/kRPM
TORQUE CONSTANT	0.057 N-m/A
INSULATION CLASS	B

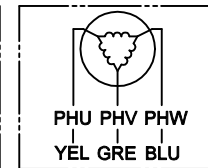
ELECTRICAL CONNECTION TABLE

+5V	RED	红	UL3266 AWG26
HALL U	YEL	黄	
HALL V	GRE	绿	
HALL W	BLU	蓝	
GND	BLK	黑	FF46-1 AF2.5mm ²
PHASE U	YEL	黄	
PHASE V	GRE	绿	
PHASE W	BLU	蓝	

Motor Connection diagram:



Hall sensor cable
Note: hall sensor power supply
voltage +5 to +20VDC



Wiring cable



公司
COMPANY

WWW.KALATEC.COM.BR

版本
REV.

变更内容
REVISION RECORD

日期
DATE

设计 DESIGN	ZY	2025.12.25	标准化 STANDARDIZATION
制图 DRAWN			
校对 PROOFREAD			审核 CHECKED
工艺 PROCESSED			批准 APPROVED

图号
DWG.NO.

KTC86-BLS125-22-BRAKE-V2

材料 MATERIAL	变更标识 ECN SIGN	※	SIZE	A4
版本 REV.	A	比例 SCALE	页 SHEET	1 of 1