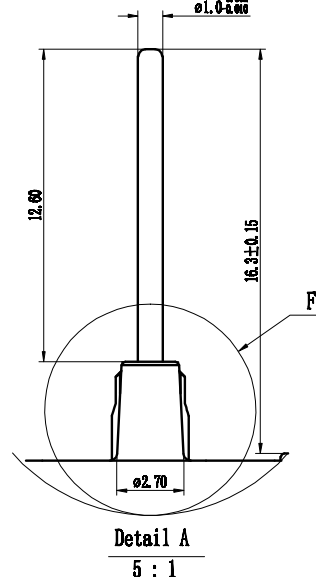
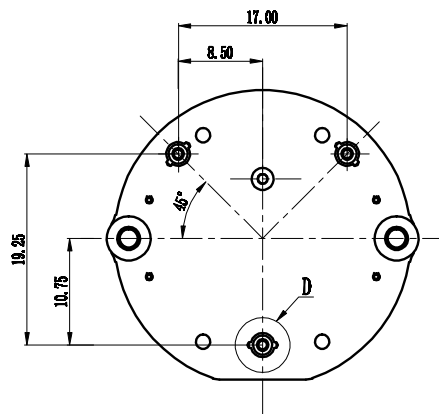
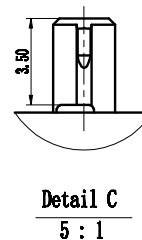
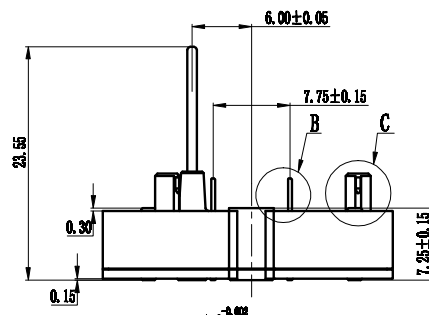
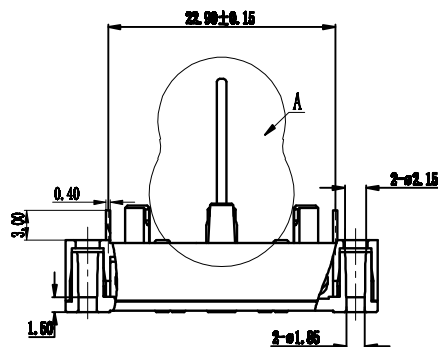
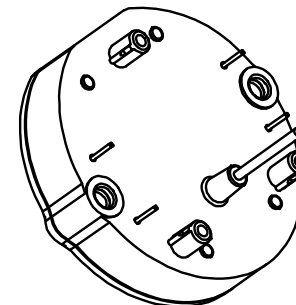
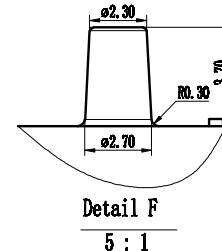
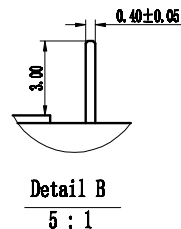
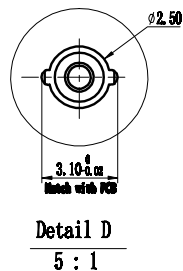
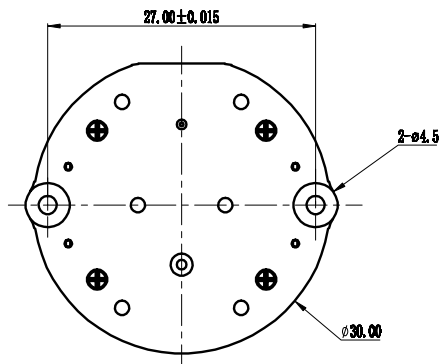




Parameter	Sym.	Test Conditions	Min.	Type	Max.	Units
Operating Temperature	Ta		-40		105	°C
Coil Resistance	Rb		260	280	300	Ω
Operating Current	Im	fz=200Hz		15	20	mA
Magnetic Saturation Voltage	Ubs				9	V
Start-Stop Frequency	fss	JL=2E-7Kg/m*2			200	Hz
Maximum Driving Frequency	fm	JL=2E-7Kg/m*2			600	Hz
Dynamic Torque	M200	fz=200Hz	0.9	1.1	See	mNm
	M400	fz=400Hz	0.75	0.9	fig.3	mNm
Static Torque	Ms	Ub=5V	3.5	4.0		mNm
Backlash	σ		0.5	0.7	1.0	Degree
Axial Push-on Force on shaft	FA		100	120		N
Axial Pull-off Force on shaft	Fa		80	100		N
Radial Force on shaft	Fp		12	15		N
Imposed Acceleration	αp			1,000		Rad/s*2
Holding Torque on shaft	Th		90	120		mNm
Maximum Inertia of the load on shaft	Jm	see Table 4				Kgm*2
Noise Lever	SPL	see Fig.14		38	42	dBA
Angle of Rotation	β				320	Degree

Tamb=25°C,Ub=5V;unless otherwise specified

						DKA30-R5AL		DWG NO.				
						PART NAME	Motor Assembly	WEIGHT	g	REV.	01	
								QUANTITY	1	SHEET 1 OF 1		
MARK	NUMBER	DIVISION	ICON NO.	SIGNATURE	DATE	MATERIAL		SCALE	1:1			
DESIGN				Q A				UNLESS OTHERWISE SPECIFIED				
CHECK				APP'D				TOLERANCES ARE LINEAR 0.5 ±0.02 1.0 ±0.03 >10 ±0.05 ANGULAR 0.5 ±0.04				
ENGINEERING				DATE								



Shenzhen Bectriamus Motor Co. LTD

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE
LINEAR 0.5 ± 0.02
6.0 ± 0.03
>10 ± 0.05
ANGULAR ± 0.3deg