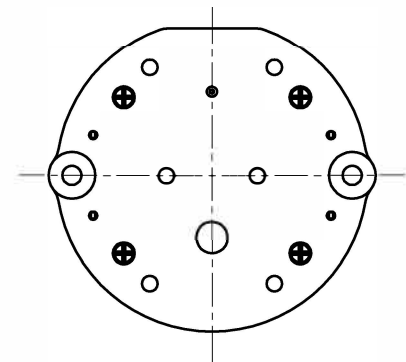
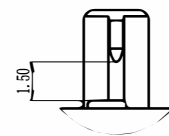
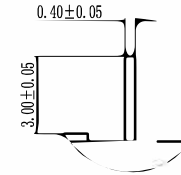


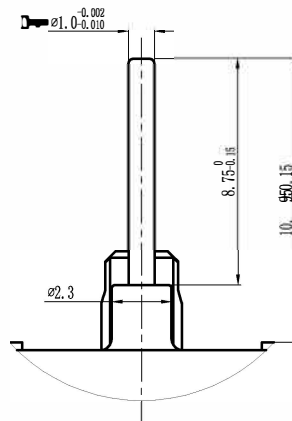
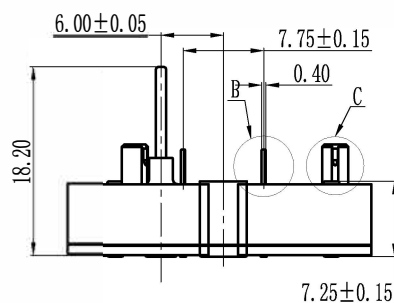
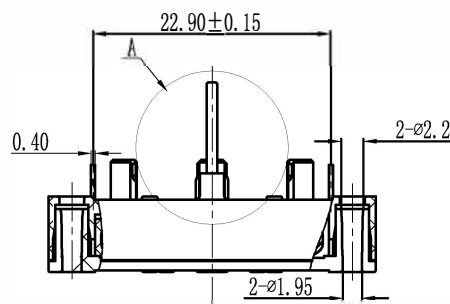
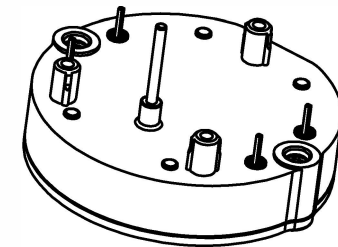
Detail D
5 : 1



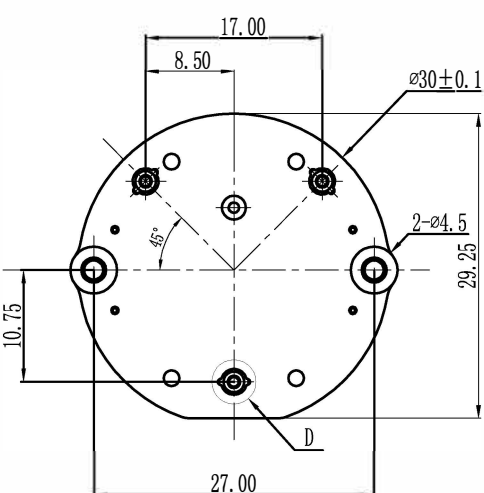
Detail C
5 : 1



Detail B
5 : 1



Detail A
5 : 1



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 fig.3	mNm
	M400	fz=400Hz	0.75	0.9		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 Level	SPL	see Fig.14		38	42	dBA
Angle of Rotation	β				320	Degree

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

				BKA30-R5XY		DWG NO.			
				PART NAME		Motor Assembly		WEIGHT	
				MATERIAL				g	
				MARK NUMBER		DIVISION		REV.	
				ECN NO.		SIGNATURE		DATE	
				DESIGN		Q A		SHEET 1 OF 1	
				CHECK		APPV'D		SCALE	
				ENGINEERING		DATE		1:1	
								UNLESS OTHERWISE SPECIFIED	
								TOLERANCES ARE	
								LINEAR	
								0.5	
								5.10	
								>10	
								±0.05	
								ANGULAR	
								±0.3deg.	

BKA ShenZhen Bactrianus Motor Co. LTD