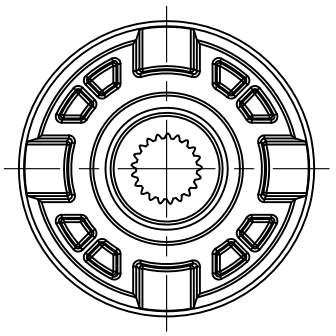
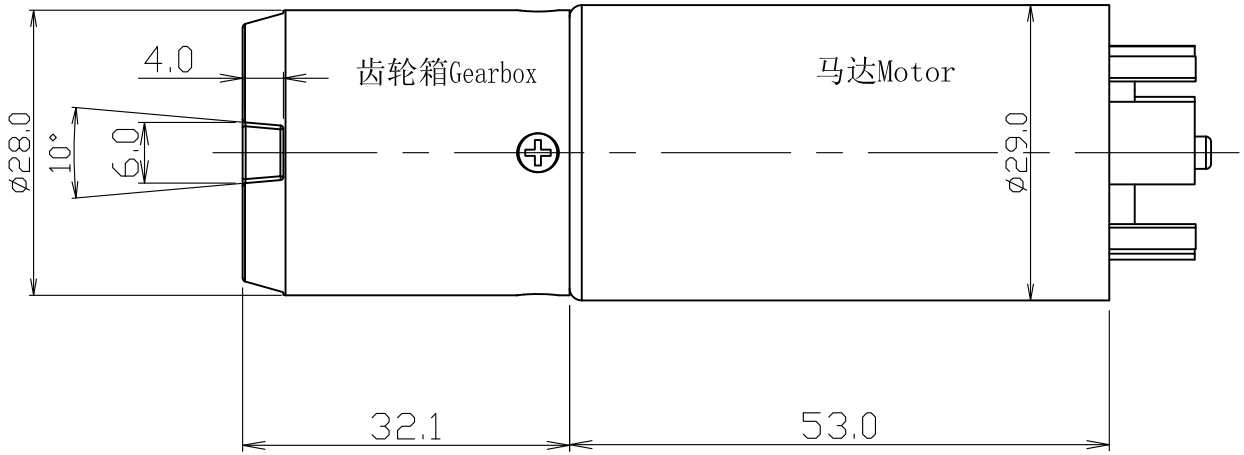
A4	REVISIONS			
ZONE	REV	DESCRIPTION	DATE	APPROVED

28mm行星减速箱，传动比：22:1

28mm planetary gearbox with transmission ratio 22:1

额定电压 Rated Voltage	12.0V DC
使用环境范围 Operating Condition Tempertature Range	-30~+80℃
空载转速 Noload speed	440±10% rpm
空载电流 Noload Current	≤1.2 A
负载转矩 Rated Torque	475 mN.M
负载转速 Rated Speed	404±10% rpm
负载电流 Rated Current	4A
堵转电流 Stall Current	27A
堵转力矩 Stall Torque	47 kg.cm
旋向 Direction	CW/CCW
噪音 Noise	≤50 dB
轴向间隙 Axial gap	0.2MAX





内花键齿形参数		Internal spline tooth profile parameters	
齿轮类别	IS04156	Type of gear	IS04156
齿　　形	渐开线齿形	Gear shape	Involute tooth profile
模　数(m)	0.3	Modulus(m)	0.3
压力角(a)	30°	Pressure angle(a)	30°
齿　数(Z)	21	Number of teeth(z)	21
变位系数(x)	+0	Modification coefficient(x)	+0
分度圆直径(d_0)	ø6.30	Diameter of index circle(d0)	ø6.30
花键大径(d_a)	$ø6.75^{+0.1}_{-0}$	Spline diameter(da)	$ø6.75^{+0.1}_{-0}$
花键小径(d_f)	$ø6.03^{+0.12}_{-0}$	Spline trail(df)	$ø6.03^{+0.12}_{-0}$
测量齿数(Zm)	4枚	Measure the number of teeth(zm)	4 PCS
测量齿厚(Sm)	$3.185^{+0.05}_{-0}$	Measure tooth thickness(sm)	$3.185^{+0.05}_{-0}$
齿形精度等级	/	Tooth profile accuracy grade	/

1. 最大容许扭矩:15kg.cm
2. 瞬间容许扭矩：36kg.cm
3. 回程差≤3°
4. 输出轴径向负载≤50N

1. Maximum allowable torque:15kg.cm
2. Instantaneous allowable torque：36kg.cm
3. Poor return journey≤3°
4. Output shaft radial load≤50N

噪声测试方法：探头距减速器30cm,环境噪音31db测试

Noise test method: 30cm away from the reducer, environmental noise 31db

Tolerance (GB/T1804)	
Size Range	Tolerance
Under3	±0.05
3～6	±0.05
6～20	±0.1
Above20	±0.15

制图 Formulate	黄朝文	2021-7-26	外形图 Outside Drawing		客户确认 Confirmation Approved
审核 Audit			PART NO.:GB28-22-WM17003-1-M		
批准 Approved			Scale 1:1	version A	
			重量		

FORWA 科华精密工业技术有限公司 FORWA PRECISION INDUSTRIAL TECHNOLOGY CO., LTD.

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