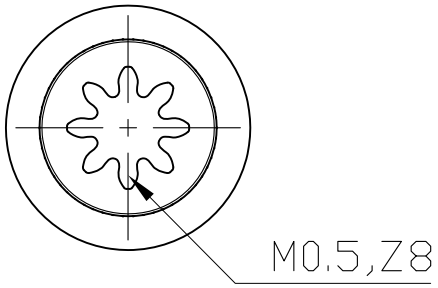
A4	REVISIONS			
ZONE	REV	DESCRIPTION	DATE	APPROVED

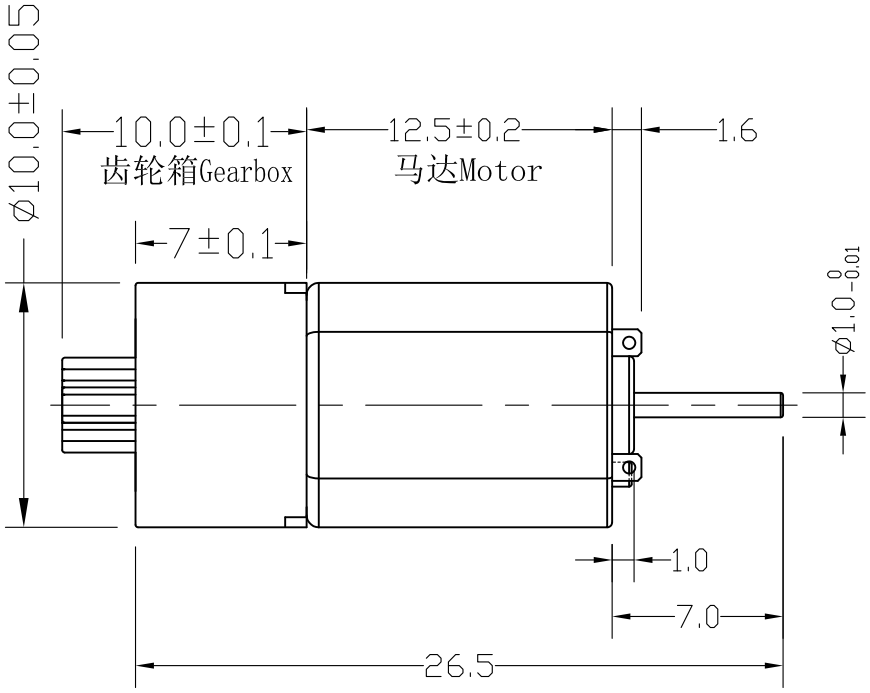
10mm行星减速箱，传动比：171

10mm planetary gearbox with transmission ratio 171:1

额定电压 Rated Voltage	3.0V DC
启动电压 Starting voltage	≤1.2V DC
使用环境范围 Operating Condition Tempertature Range	-20~+50℃
空载转速 Noload speed	63±10% rpm
空载电流 Noload Current	≤60 mA
负载转矩 Rated Torque	110 g.cm
负载转速 Rated Speed	43±10% rpm
负载电流 Rated Current	100 mA
堵转电流 Stall Current	140 mA
堵转力矩 Stall Torque	400 g.cm
旋向 Direction	CW/CCW
噪音 Noise	≤48 dB
轴向间隙 Axial gap	0.2MAX



齿　　形	渐开线内直齿
模　数(m)	0.5
压力角(⫫)	20°
齿　数(Z)	8
基准圆直径(d_0)	φ4.00
齿顶圆直径(d_a)	$*\ \phi 5.00^{+0}_{-0.08}$
齿根圆直径(d_f)	$\phi 2.75^{+0}_{-0.08}$
测量齿数(Zm)	1(枚)
测量齿厚(Sm)	$0.794^{+0}_{-0.04}$



噪声测试方法：探头距减速器10cm,环境噪音31db测试

Noise test method: 10cm 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	2024-11-29	外形图 Outside Drawing		客户确认 Confirmation Approved
审核 Audit			PART NO.:GB10-171-MD17001-8-M03		
批准 Approved			Scale 1:1	version D	
			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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