

产品规格书

PRODUCT SPECIFICATION

客户名称/Customer:

产品型号/Model: JYN30PA-11130V-27

规格书编号/ SPECIFICATION NO /20241209-01

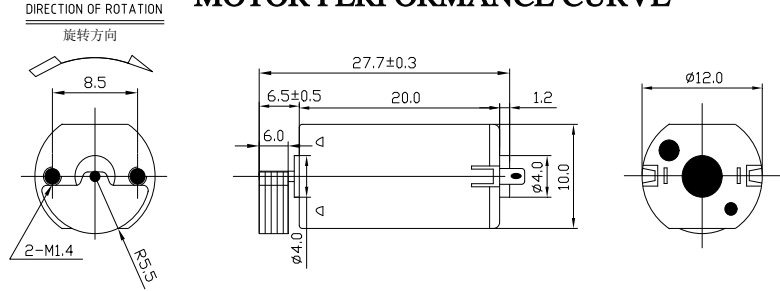
我司确认/ Our Confirmed:

批准 APPROVAL	审核 CHECK	制作 DESIGN

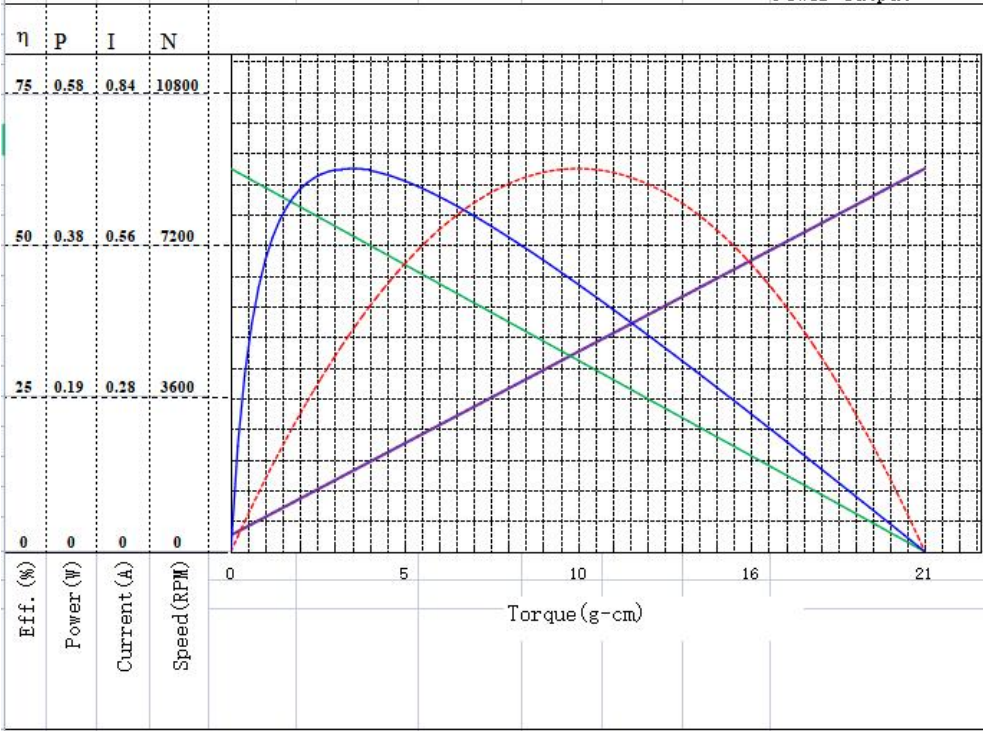
NO.	Items/项目	TEST CONDITIONS 测试条件	Specifcation/规格
1-1	Rated voltage 额定电压	(3.0) V DC	
1-2	Rated Loaded Current 额定负载电流	Rated Load 额定负载偏芯轮 R5.5*6.0	≤0.16A
1-3	Rated Loaded Speed 额定负载转速	Rated Load 额定负载偏芯轮 R5.5*6.0	4000rpm±10%
1-4	No load starting voltage 空载起动电压	NO load 无负载	≤ (/) V
1-5	Stall Torque 堵转转矩	At rated voltage 额定电压	≥1.63mN.m ≥16.65gf.cm
1-6	Stall Current 堵转电流	At rated voltage(must be stable) 额定电压（马达两端电压必须保持稳定 3.0V）	≥0.60A
1-7	Insulation Resistance 绝缘电阻	Measured between motor terminal and motor metal housing with VDC megameter 使用 DC 500 V 兆欧表，测量电机接线端子与机壳之间的电阻	≥ (10.0) MΩ
1-8	Rotating Direction 旋转方向	(CW)	
1-9	Testing environment 测试环境	25° ±3°	
1-10	axial clearance 轴向间隙	Measured by dial gauge 百分表	(0.05) ~ (0.50) mm

马达性能参数

MOTOR PERFORMANCE CURVE



Customer	NO LOAD		AT Max efficiency				STALL	
	SPEED	CURRENT	SPEED	CURRENT	TORQUE	EFF.	CURRENT	TORQUE
MODEL	rpm	mA	rpm	A	Eccentric	%	A	g.cm
JYN30PA-11130V-27	9000	30	4000	0.13	R5.5*6	39.78	0.70	20.81



Constant voltage :	3.00	Volts
Direction:	CW	
At No Load		
Speed:	9000	rpm
Current:	0.030	A
At stall (Extrapolated)		
Torque:	20.81	g-cm
Current:	0.70	A
At maximum efficiency		
Efficiency:	62.81	%
Torque:	3.57	g-cm
Speed:	7456	rpm
Current:	0.14	A
Output:	0.27	W
At maximum Power output		
Output:	0.48	W
Torque:	10.40	g-cm
Speed:	4500	rpm
Current:	0.37	A
Issued by QA Reliability Testing Center		
COMPUTER PRINT-OUT		
NOMINAL MOTOR CURVES		
Performance and characteristics are measured based on limited motor samples only		

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客户确认:

确 认/ Confirmed by:

核 准/ Approved by: