



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

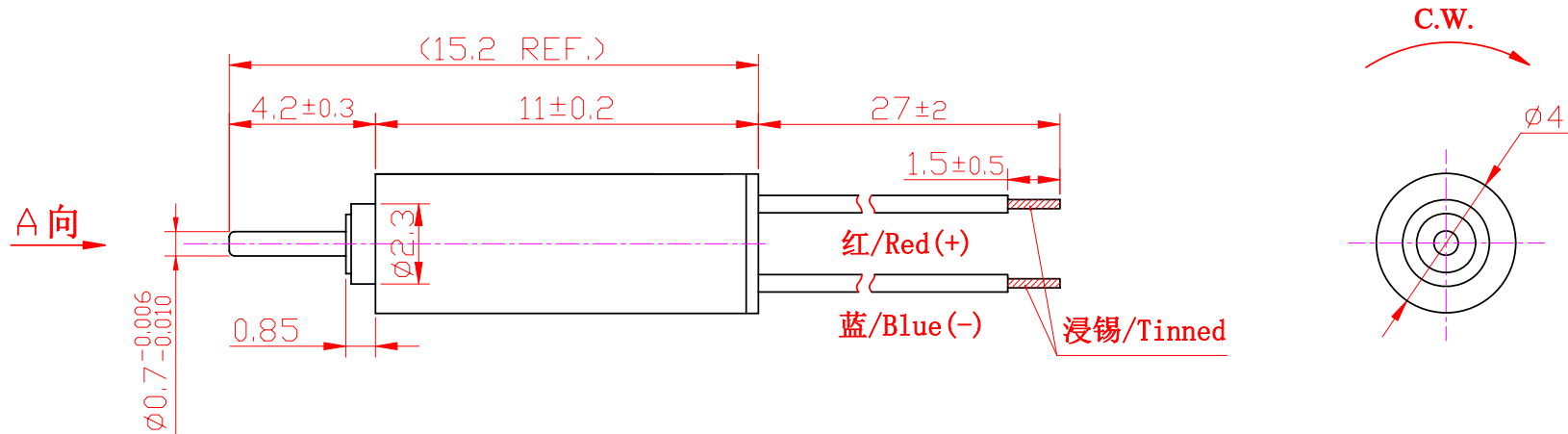
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Q4KL2BQ280001

技术要求/Technical requirement

- 1.额定电压/Rated voltage:3.0V
- 2.空载电流/Non load current:30mA Max
- 3.空载转速/Non load speed:28,000 ± 20% rpm
- 4.堵转电流/Stall current:90mA Max
- 5.端子阻抗/Terminal resistance:41Ω(±20%)
- 6.起动电压/Starting voltage:1.7V Max
- 7.导线规格/Lead wire spec: AWG32 UL3302
- 8.未注线性公差为/Unmarked tolerance: ± 0.1mm
- 9.A向压力/Pressure along A direction :15N Max



借(通)用件登记

底图总号

签字

日期

						jinlong-machinery.com			金龙机电股份有限公司	
标记	处数	分区	更改文件号	签名	日期				外形图	
设计			标准化			阶段标记	重量	比例		
校对								5:1		
审核										
工艺			批准			共 页	第 页			
									Q4KL2BQ280001	

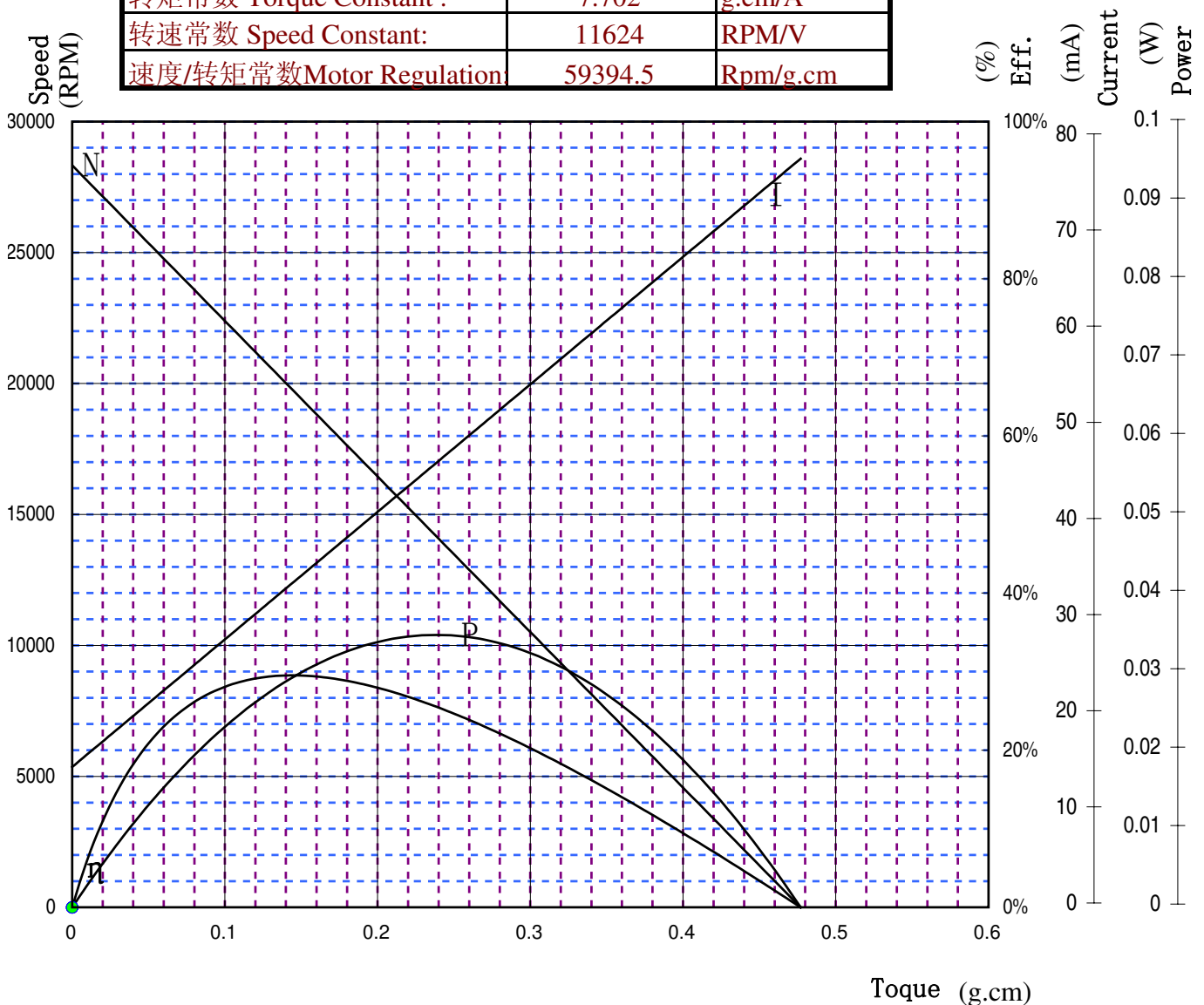
MOTOR PERFORMANCE CURVE

电机性能曲线

客户名称 Customer 0 额定电压 Rated Voltage 3 V/DC
 电机型号 Motor Model Q4KL2BQ280001 额定负荷 Rated Load 模拟负载
 测试日期 Test Date 20170728

Parameters Table 性能参数表		F/L 空载	Eff (max) 最大效率点	P (max) 最大功率点	Stall 堵转点
转矩 Torque :	g.cm	0	0.14	0.24	0.48
转速 Speed :	RPM	28330	19768	14165	0
电流 Current :	mA	14.3	33.0	45.3	76.2
输出 Output :	W	0	0.03	0.03	0
效率 Efficiency :	%	0	29.5%	25.5%	0

特征参数 Parameters		
转矩常数 Torque Constant :	7.702	g.cm/A
转速常数 Speed Constant:	11624	RPM/V
速度/转矩常数 Motor Regulation:	59394.5	Rpm/g.cm



NOTES: Performance (In an ambient temperature of 25 -30°C)
 Motor tested rapidly to prevent significant temperature rise.

备注: 电机测试环境温度: 常温25 -30°C
 电机测试迅速, 以防止温度显著上升。