

1319N7M $\varnothing 13\text{mm} \times 19.2\text{mm}$, 贵金属电刷 Precious Metal Brushes

应用领域：医疗、保健、汽车、机器人、工业自动化等精密驱动领域。

Applications: precision drives in medical equipment and devices, healthcare products, automotive, robotics, and industrial automation.

				02-88-6.0	03-90-9.0	01-125-12.0			
电机参数 / Motor Data									
1	电压	Voltage	V	6.0	9.0	12.0			
2	端电阻	Terminal resistance	Ω	14.7	25.5	32.0			
3	空载转速	No-load speed	rpm	8800	10000	12500			
4	空载电流	No-load current	mA	20	15	12			
5	堵转转矩	Stall torque	mNm	2.4	2.8	3.3			
6	堵转电流	Stall current	mA	410	350	380			
7	额定转矩	Nominal torque	mNm	0.5	0.5	1.0			
8	额定转速	Nominal speed	rpm	6980	8190	8670			
9	额定电流	Nominal current	mA	100	80	120			
10	最大输出功率	Max. output power	W	0.56	0.72	1.07			
11	最大效率	Max. efficiency	%	61	63	68			
12	反电势常数	Back-EMF constant	mV/rpm	0.6	0.9	0.9			
13	转矩常数	Torque constant	mNm/A	6.2	8.2	8.9			
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	3600	3600	3800			
15	转子惯量	Rotor inertia	gcm ²	0.2	0.2	0.2			
16	重量	Weight	g	11	11	11			
热参数 / Thermal Data				特性曲线 / Characteristics Curve					
17	热阻 (机壳 - 环境)	Thermal resistance housing-ambient	K/W	34.5					
18	热阻 (线圈 - 机壳)	Thermal resistance winding-housing	K/W	22.5					
19	热时间常数 (电机)	Thermal time constant motor	s	280					
20	热时间常数 (线圈)	Thermal time constant winding	s	120					
21	工作温度范围	Operating temperature range	°C	-20~+85					
22	绕组耐温等级	Thermal class of winding	°C	130					
机械参数 / Mechanical Data									
23	轴向间隙	Axial play	mm	0.02~0.15	1319N7M02-88-6.0 — 转速 (N) — 电流 (I) - - - 效率 (η) —— 功率 (P) 仅供参考，详细了解请以产品规格书为准。 For reference only, please refer to the product specification.				
24	径向间隙	Radial play	mm	0.014					
25	动态轴向载荷	Axial load dynamic	N	0.8					
26	静态轴向载荷	Axial load static	N	30					
27	径向载荷 (距安装面 3mm)	Radial load at 3 mm from mounting face	N	1.4					
其它参数 / Other Specifications									
28	极对数	No. of pole pairs		1					
29	含油轴承	Sleeve bearings		2					
30	换向结构	Number of commutator segments		7					
31	防护等级	Protection class		IP30					
可选配置 / Options									

齿轮箱：行星齿轮

Gearbox: planetary gearbox

性能 Special coils: 连续运行范围内可定制 customizable in continuous operation range

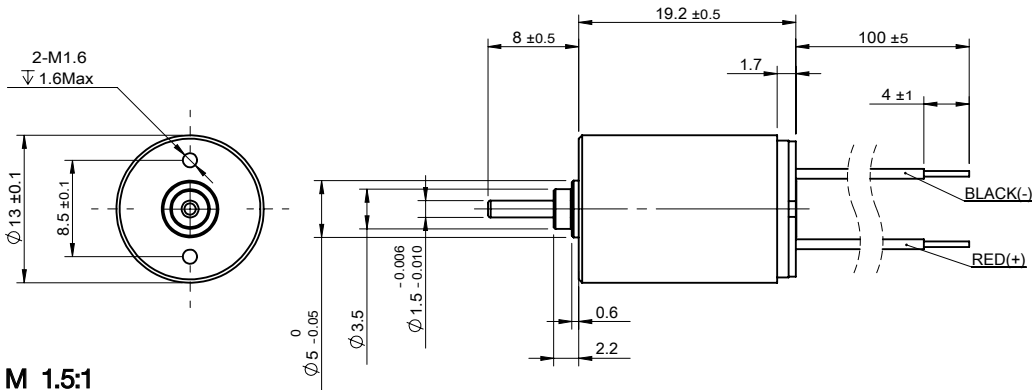
法兰 Flange: 标准前后法兰 standard front and rear flanges / 定制法兰 custom flanges

轴 Shaft: 长度 length / 异形 shape

轴承类型 Bearing type: 含油轴承 sleeve bearings / 滚珠轴承 ball bearings

电气连接 Electrical connection: 端子或导线 connector or wire / 导线长度 lead wires length

外观图 / Outline Drawing



规格如有变更，恕不另行通知。Specification subject to change without notice.

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