

C1723R | 贵金属电刷 Precious Metal Commutation

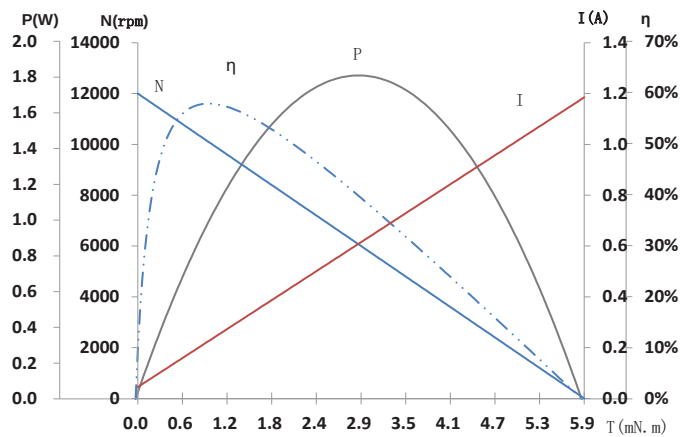
应用领域：安防、小型电子产品、飞机类遥控玩具、个人护理产品、便携工具等领域。

Applications: security equipment, small electronic products, remote control model aircraft, personal care products, portable electric tools, etc.

主要技术指标 | Characteristics

			14-0096	34-0095	34-0099
1 电压	Voltage	V	7.4	6.0	6.0
2 端电阻	Terminal resistance	Ω	5.0	1.55	4.6
3 空载转速	No-load speed	rpm	12000	19400	12400
4 空载电流	No-load current	mA	45	95	55
5 堵转转矩	Stall torque	mNm	5.88	7.57	4.40
6 堵转电流	Stall current	mA	1185	3102	1013
7 负载转矩	Load torque	mNm	0.49	0.39	0.39
8 负载转速	Load speed	rpm	11000	18400	11300
9 负载电流	Load current	mA	140	250	140
10 最大输出功率	Max. output power	W	1.85	3.85	1.43
11 最大效率	Max. efficiency	%	59.1	59.9	61.8
12 反电势常数	Back-EMF constant	mV/rpm	0.60	0.30	0.46
13 转矩常数	Torque constant	mNm/A	5.16	2.52	4.59
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	2041	2564	2821
15 压敏电阻	Varistor	Yes/No	Yes	Yes	Yes
16 重量	Weight	g	18.2	18.2	18.2
17 工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+80	-20~+80	-20~+80

特性曲线 | Characteristics Curve



型号 / Model C1723R14-0096

可选参数 | Options

导线长度	Lead wires length
轴长	Shaft length
性能	Special coils
齿轮箱	Gearheads

外观图 | Outline Drawing

