

C1718R | 贵金属电刷 Precious Metal Commutation

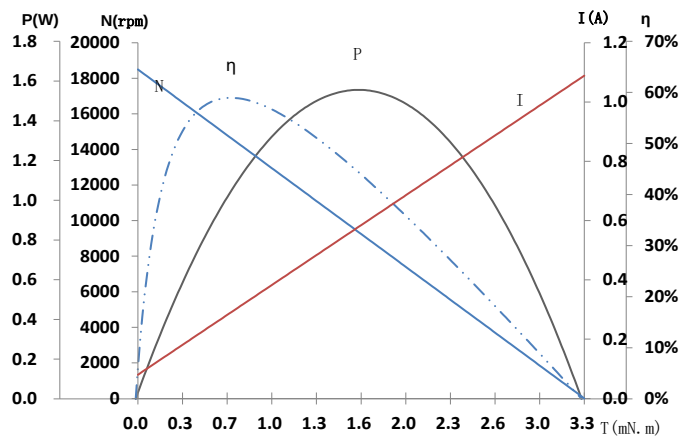
应用领域：安防、小型电子产品、飞机类遥控玩具、个人护理产品、便携工具等领域。

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

主要技术指标 | Characteristics

			14-0025	34B-0059	14B-0091
1 电压	Voltage	V	6.0	7.4	11
2 端电阻	Terminal resistance	Ω	4.0	3.0	5.1
3 空载转速	No-load speed	rpm	18500	16000	25200
4 空载电流	No-load current	mA	80	70	80
5 堵转转矩	Stall torque	mNm	3.30	6.53	5.61
6 堵转电流	Stall current	mA	1089	1670	1569
7 负载转矩	Load torque	mNm	0.39	0.49	0.49
8 负载转速	Load speed	rpm	16300	14800	23000
9 负载电流	Load current	mA	200	190	210
10 最大输出功率	Max. output power	W	1.60	2.74	3.71
11 最大效率	Max. efficiency	%	60.6	61.1	57.2
12 反电势常数	Back-EMF constant	mV/rpm	0.31	0.45	0.42
13 转矩常数	Torque constant	mNm/A	3.27	4.08	3.77
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	5612	2449	4490
15 压敏电阻	Varistor	Yes/No	Yes	Yes	Yes
16 重量	Weight	g	12.6	14.5	12.8
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 C1718R14-0025

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

