

C2430R | 贵金属电刷 Precious Metal Commutation

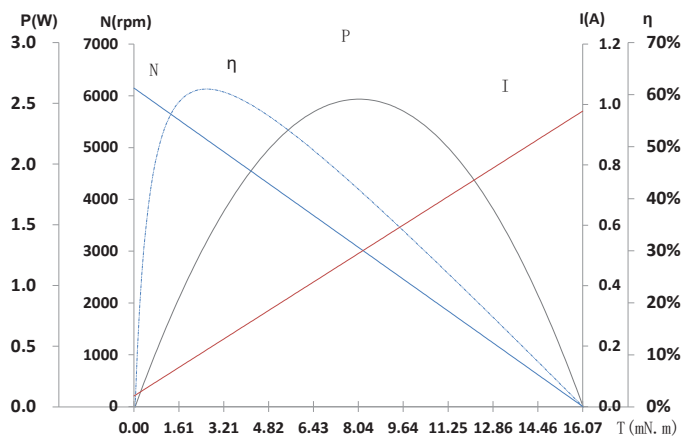
应用领域：安防、小型电子产品、飞机类遥控玩具、个人护理产品、便携工具等领域。

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

主要技术指标 | Characteristics

			23-0021	43-0010	44-0039	
1	电压	Voltage	V	24.0	12.0	3.7
2	端电阻	Terminal resistance	Ω	260.0	11.0	0.8
3	空载转速	No-load speed	rpm	2500	6150	6350
4	空载电流	No-load current	mA	4	35	130
5	堵转转矩	Stall torque	mNm	6.53	16.10	23.50
6	堵转电流	Stall current	mA	107	978	4683
7	负载转矩	Load torque	mNm	1.96	1.96	1.96
8	负载转速	Load speed	rpm	1750	5400	5820
9	负载电流	Load current	mA	35	150	510
10	最大输出功率	Max. output power	W	0.43	2.59	3.91
11	最大效率	Max. efficiency	%	46.7	62.5	66.3
12	反电势常数	Back-EMF constant	mV/rpm	9.18	1.89	0.57
13	转矩常数	Torque constant	mNm/A	63.19	17.07	5.16
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	383	382	270
15	压敏电阻	Varistor	Yes/No	Yes	Yes	Yes
16	重量	Weight	g	48.5	48.5	50.5
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 C2430R43-0010

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

