

C1220F | 贵金属电刷 Precious Metal Commutation

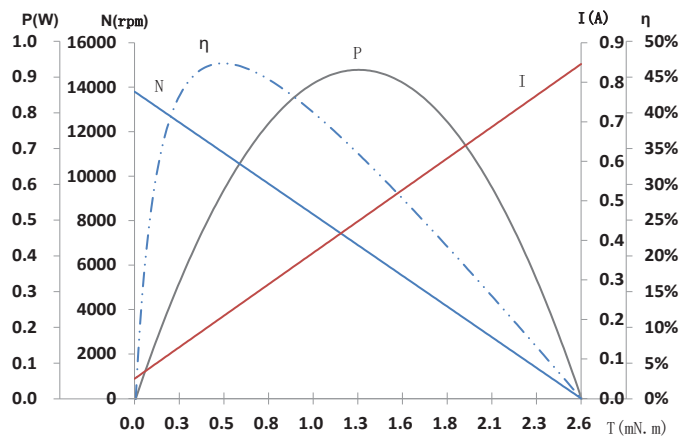
应用领域：安防、小型电子产品、飞机类遥控玩具、个人护理产品、便携工具等领域。

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

主要技术指标 | Characteristics

			35-0083	35-0103	35-0158	
1	电压	Voltage	V	6.0	5.0	4.5
2	端电阻	Terminal resistance	Ω	7.4	2.5	10
3	空载转速	No-load speed	rpm	13800	18500	9500
4	空载电流	No-load current	mA	50	70	45
5	堵转转矩	Stall torque	mNm	2.60	3.60	1.70
6	堵转电流	Stall current	mA	846	2043	693
7	负载转矩	Load torque	mNm	0.294	0.294	0.196
8	负载转速	Load speed	rpm	12240	17000	8400
9	负载电流	Load current	mA	140	230	120
10	最大输出功率	Max. output power	W	0.94	1.75	0.42
11	最大效率	Max. efficiency	%	48.0	48.7	34.5
12	反电势常数	Back-EMF constant	mV/rpm	0.41	0.26	0.43
13	转矩常数	Torque constant	mNm/A	3.27	1.82	2.62
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	5306	5139	5588
15	压敏电阻	Varistor	Yes/No	Yes	Yes	Yes
16	重量	Weight	g	7.9	7.8	7.8
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

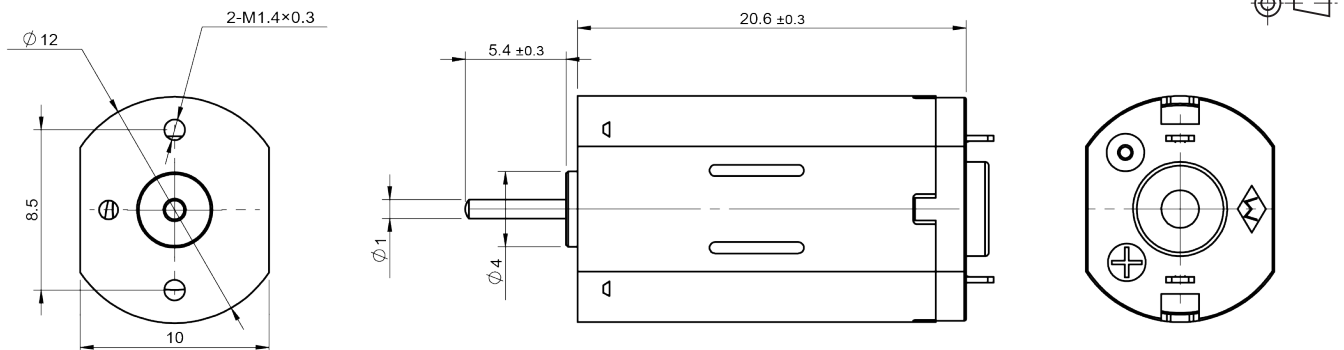


型号 / Model C1220F35-0083

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



M 2.5:1