

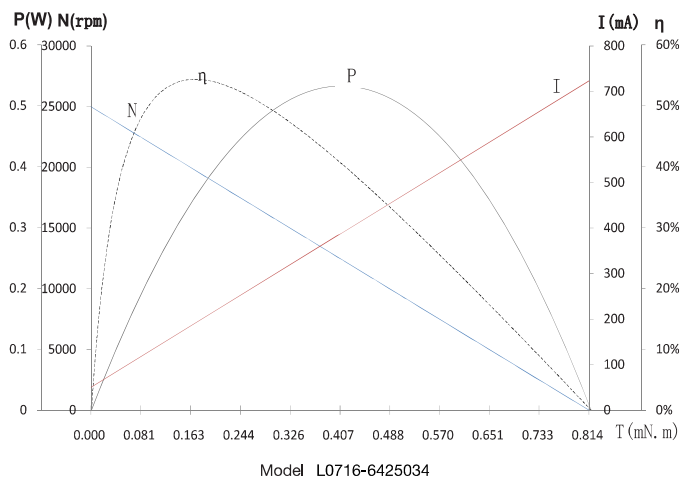
L0716 | Precious Metal Commutation

Applications: mini UAV's, remote control hobby products, small household appliances, etc.

Characteristics

			6425034	3143034	9443032
1	Voltage	V	3.4	3.4	3.2
2	Terminal resistance	Ω	4.7	0.66	1.1
3	No-load speed	rpm	25000	43000	43000
4	No-load current	mA	50	90	90
5	Stall torque	mNm	0.81	3.8	1.9
6	Stall current	mA	720	5150	2910
7	Load torque	mNm	0.50	0.50	0.50
8	Load speed	rpm	9640	37270	31920
9	Load current	mA	460	760	820
10	Max. output power	W	0.53	4.2	2.2
11	Max. efficiency	%	54.6	75.4	68.0
12	Back-EMF constant	mV/rpm	0.13	0.08	0.07
13	Torque constant	mNm/A	1.21	0.74	0.69
14	Speed/torque gradient	rpm/mNm	30713	11451	22154
15	Rotor inertia	gcm ²	0.05	0.05	0.05
16	Weight	g	2.5	2.5	2.5
17	Operating temperature range	°C	-20~+100	-20~+120	-20~+100

Characteristics Curve



Options

Lead wires length
Shaft length
Special coils
Gearheads

Outline Drawing

