

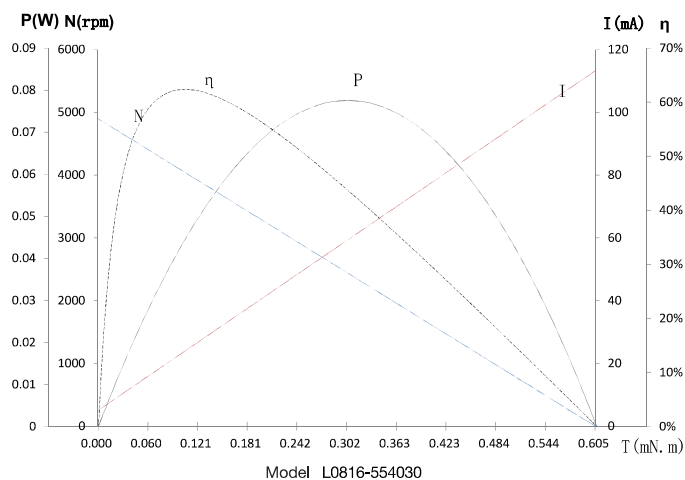
L0816 | Precious Metal Commutation

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

Characteristics

			554030	544530	6065630
1	Voltage	V	3.0	3.0	3.0
2	Terminal resistance	Ω	26.5	36.0	21.5
3	No-load speed	rpm	4900	4500	6000
4	No-load current	mA	5	5	8
5	Stall torque	mNm	0.60	0.47	0.60
6	Stall current	mA	113	83	140
7	Load torque	mNm	0.30	0.30	0.30
8	Load speed	rpm	2450	1630	3000
9	Load current	mA	60	60	70
10	Max. output power	W	0.1	0.1	0.1
11	Max. efficiency	%	62.0	57.2	58.7
12	Back-EMF constant	mV/rpm	0.59	0.63	0.47
13	Torque constant	mNm/A	5.59	5.98	4.50
14	Speed/torque gradient	rpm/mNm	8167	9574	10000
15	Rotor inertia	gcm ²	0.01	0.01	0.01
16	Weight	g	3.7	3.7	3.7
17	Operating temperature range	°C	-20~+80	-20~+80	-20~+80

Characteristics Curve



Options

Lead wires length
Shaft length
Special coils
Gearheads

Outline Drawing

