

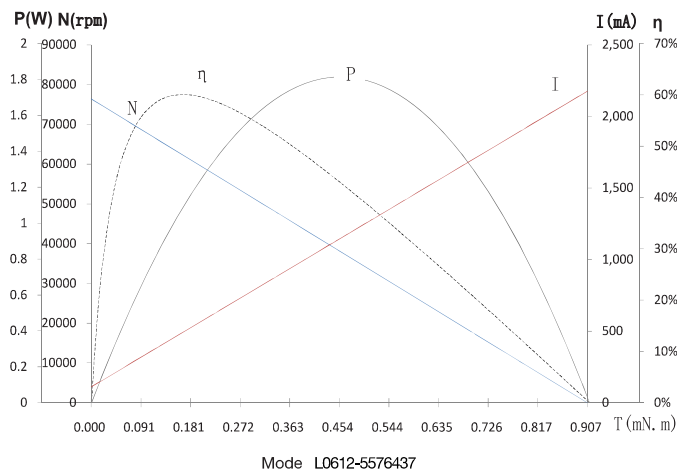
L0612 | Precious Metal Commutation

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

Characteristics

			5576437	2050032	7873037
1	Voltage	V	3.7	3.2	3.7
2	Terminal resistance	Ω	1.7	2.2	2.0
3	No-load speed	rpm	76400	50000	73000
4	No-load current	mA	110	80	90
5	Stall torque	mNm	0.91	0.79	0.81
6	Stall current	mA	2176	1455	1850
7	Load torque	mNm	0.05	0.05	0.05
8	Load speed	rpm	72190	46850	68490
9	Load current	mA	220	170	200
10	Max. output power	W	1.8	1.0	1.5
11	Max. efficiency	%	60.1	58.7	60.8
12	Back-EMF constant	mV/rpm	0.05	0.06	0.05
13	Torque constant	mNm/A	0.44	0.58	0.46
14	Speed/torque gradient	rpm/mNm	84234	62972	90123
15	Rotor inertia	gcm ²	0.014	0.014	0.014
16	Weight	g	1.3	1.3	1.3
17	Operating temperature range	°C	-20~+100	-20~+100	-20~+100

Characteristics Curve



Lead wires length
Shaft length
Special coils
Gearheads

Outline Drawing

