

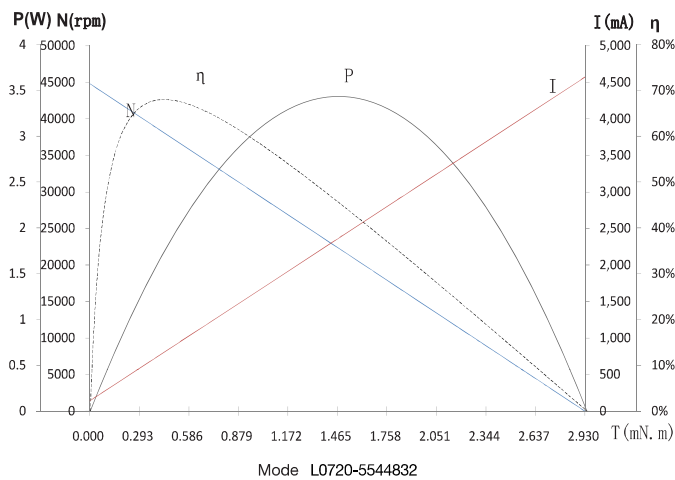
L0720 | Precious Metal Commutation

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

Characteristics

			5544832	3342330	4244830
1	Voltage	V	3.2	3.0	3.0
2	Terminal resistance	Ω	0.7	0.67	0.51
3	No-load speed	rpm	44800	42370	44860
4	No-load current	mA	140	100	190
5	Stall torque	mNm	2.9	2.9	3.5
6	Stall current	mA	4570	4480	5880
7	Load torque	mNm	0.50	0.50	0.50
8	Load speed	rpm	37150	35050	38480
9	Load current	mA	900	860	1000
10	Max. output power	W	3.4	3.2	4.1
11	Max. efficiency	%	68.1	72.4	67.4
12	Back-EMF constant	mV/rpm	0.07	0.07	0.06
13	Torque constant	mNm/A	0.66	0.66	0.62
14	Speed/torque gradient	rpm/mNm	15290	14641	12752
15	Rotor inertia	gcm ²	0.06	0.06	0.06
16	Weight	g	3.3	3.9	3.9
17	Operating temperature range	°C	-20~+120	-20~+120	-20~+120

Characteristics Curve



Options

Lead wires length
Shaft length
Special coils
Gearheads

Outline Drawing

