

PRECISION GEARMOTOR

GB06**R

Planetary Gearbox Series

Applications: Precision control fields like medical instrument, industrial control and so on.
 Operating temperature range: -10~+80°C

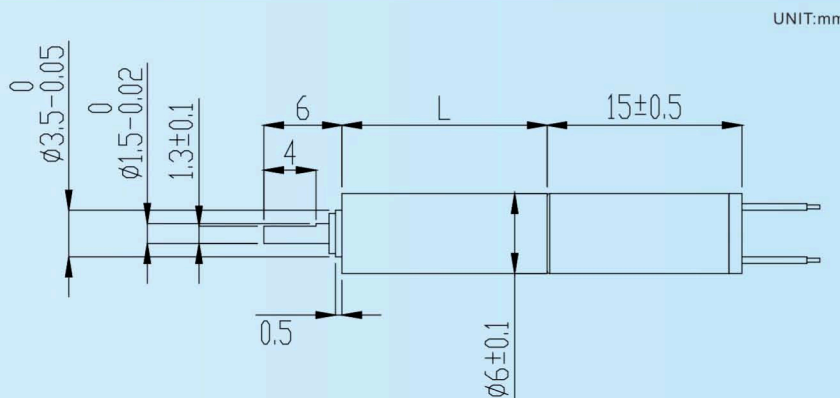
Motor Characteristics

			0615RCN57-2L27-80-3.0
1	Voltage	V	3.0
2	Terminal resistance	Ω	8.3
3	No-load speed	rpm	18500
4	No-load current	mA	20
5	Stall torque	mNm	0.5
6	Stall current	mA	361
7	Nominal torque	mNm	0.25
8	Nominal speed	rpm	9240
9	Nominal current	mA	191
10	Max. output power	W	0.24
11	Max. efficiency	%	58
12	Back-EMF constant	mV/rpm	0.15
13	Torque constant	mNm/A	1.46
14	Speed/torque gradient	rpm/mNm	37038
15	Rotor inertia	gcm ²	0.03
16	Weight	g	1.7

Gearbox Characteristics

	Reduction ratio	Max. rated tuorque	Max. momentary torque	Length (L)
		mNm	mNm	mm
1	4(3.7)	5	15	10.6
2	14(13.7)	10	30	13.2
3	51(50.89)	20	50	15.8
4	189(188.6)	30	50	18.4
5	699	30	50	21

Outline Drawing



UNIT:mm

Other Options

- Lead wires length
- Shaft length
- Special coils