

GB08**R

Planetary Gearbox Series

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

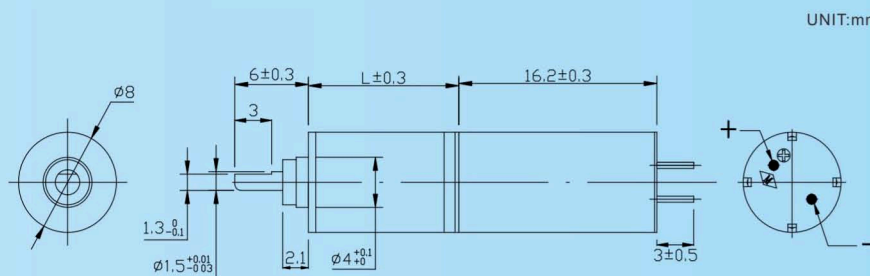
Motor Characteristics

			0816RCN51-1-8.0
1	Voltage	V	8.0
2	Terminal resistance	Ω	60.0
3	No-load speed	rpm	15400
4	No-load current	mA	7
5	Stall torque	mNm	0.6
6	Stall current	mA	133
7	Nominal torque	mNm	0.30
8	Nominal speed	rpm	7620
9	Nominal current	mA	71
10	Max. output power	W	0.24
11	Max. efficiency	%	59
12	Back-EMF constant	mV/rpm	0.49
13	Torque constant	mNm/A	4.70
14	Speed/torque gradient	rpm/mNm	25935
15	Rotor inertia	gcm ²	0.07
16	Weight	g	3.6

Gearbox Characteristics

	Reduction ratio	Max. rated tuorque	Max. momentary torque	Length (L)
		mNm	mNm	mm
1	4	5	15	9.1
2	16	10	30	11.8
3	64	20	60	14.5
4	256	30	90	17.2
5	1024	35	105	19.9
6	4096	40	120	22.6

Outline Drawing



UNIT:mm

Other Options

- Lead wires length
- Shaft length
- Special coils