

PRECISION GEARMOTOR

GA15**R

Spur Gearbox Series

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

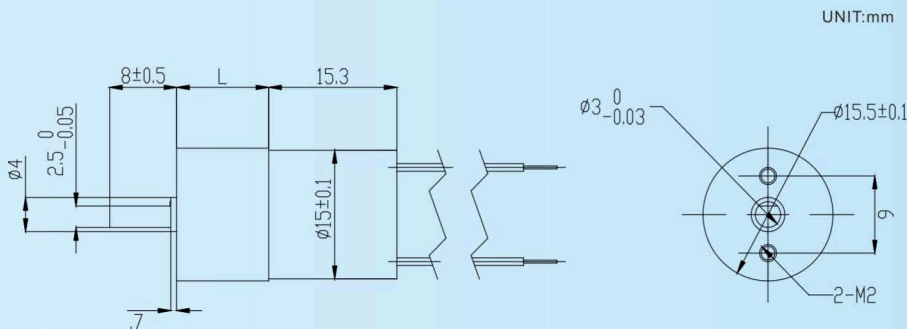
Motor Characteristics

			1515RCN51-7P-150-18.0
1	Voltage	V	18.0
2	Terminal resistance	Ω	30.5
3	No-load speed	rpm	22000
4	No-load current	mA	30
5	Stall torque	mNm	4.15
6	Stall current	mA	590
7	Nominal torque	mNm	1.80
8	Nominal speed	rpm	12467
9	Nominal current	mA	273
10	Max. output power	W	2.39
11	Max. efficiency	%	60
12	Back-EMF constant	mV/rpm	0.78
13	Torque constant	mNm/A	7.42
14	Speed/torque gradient	rpm/mNm	5296
15	Rotor inertia	gcm ²	0.8
16	Weight	g	11

Gearbox Characteristics

	Reduction ratio	Max. rated tuorque	Max. momentary torque	Length (L)
		mNm	mNm	mm
1	3, 7, 10	20	60	11
2	16, 17, 20, 30, 35	30	90	11
3	50, 63	40	120	11
4	70, 86	50	150	11
5	115, 150	60	180	11
6	210, 250	70	200	11
7	360	80	220	11

Outline Drawing



Other Options

- Lead wires length
- Shaft length
- Special coils
- Encoder