

GA15**R

Spur Gearbox Series

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

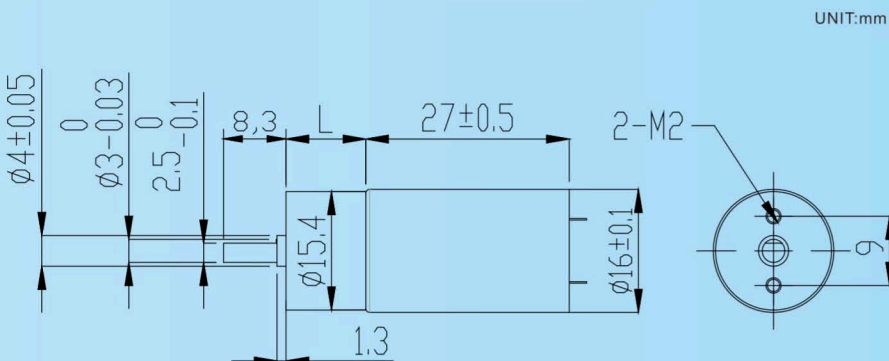
Motor Characteristics

			1627RCN51-21P-12.0
1	Voltage	V	12.0
2	Terminal resistance	Ω	70.9
3	No-load speed	rpm	8490
4	No-load current	mA	6
5	Stall torque	mNm	2.13
6	Stall current	mA	169
7	Nominal torque	mNm	1.00
8	Nominal speed	rpm	4495
9	Nominal current	mA	83
10	Max. output power	W	0.47
11	Max. efficiency	%	66
12	Back-EMF constant	mV/rpm	1.36
13	Torque constant	mNm/A	13.02
14	Speed/torque gradient	rpm/mNm	3995
15	Rotor inertia	gcm ²	1.8
16	Weight	g	16

Gearbox Characteristics

Reduction ratio		Max. rated tuorque	Max. momentary torque	Length (L)
		mNm	mNm	mm
1	10	20	60	10.6
2	21, 34	30	90	10.6
3	59, 75	50	150	10.6
4	105, 146	80	240	10.6
5	203, 257, 294, 360	100	300	10.6

Outline Drawing



Other Options

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