

# 2281N5C

## Graphite Brush

Applications: Precision control fields like medical instrument, industrial robot and so on.

Operating temperature range: -20~+85°C

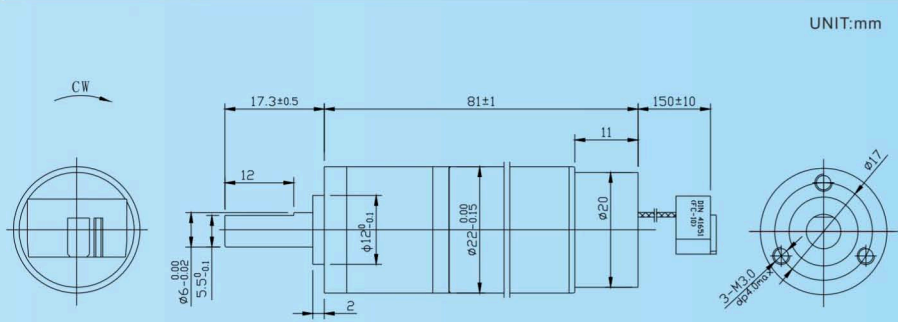
### Motor Characteristics

			2233N5C-76-24.0
1	Voltage	V	24.0
2	Terminal resistance	Ω	19.6
3	No-load speed	rpm	7600
4	No-load current	mA	20
5	Stall torque	mNm	36.32
6	Stall current	mA	1224
7	Nominal torque	mNm	9.8
8	Nominal speed	rpm	5510
9	Nominal current	mA	350
10	Max. output power	W	7.23
11	Max. efficiency	%	77
12	Back-EMF constant	mV/rpm	3.11
13	Torque constant	mNm/A	29.66
14	Speed/torque gradient	rpm/mNm	209
15	Rotor inertia	gcm <sup>2</sup>	4
16	Weight	g	52

### Encoder Characteristics

		2	3
1	Number of channels		
2	Counts per turn	cpt 16, 32, 64, 128, 256, 512, 1024	16, 32, 64, 128, 256, 512, 1024
3	Supply voltage	V 5.0 (5.0)	5.0 (5.0)
4	Max. speed	rpm 30000	30000
5	Phase shift	°e 90±45	90±45
6	Output signal	TTL	TTL
7	Diameter	mm 20	20
8	Length	mm 11	11

### Outline Drawing



UNIT:mm

2281N5C-76-24.0-EM520064-22G66-001

### Options

- Lead wires length
- Shaft length
- Special coils
- Gearheads
- Encoder channels
- Encoder counts per turn
- Bearing type