

## PRECISION GEARMOTOR

### GA20\*\*R

#### Spur Gearbox Series

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

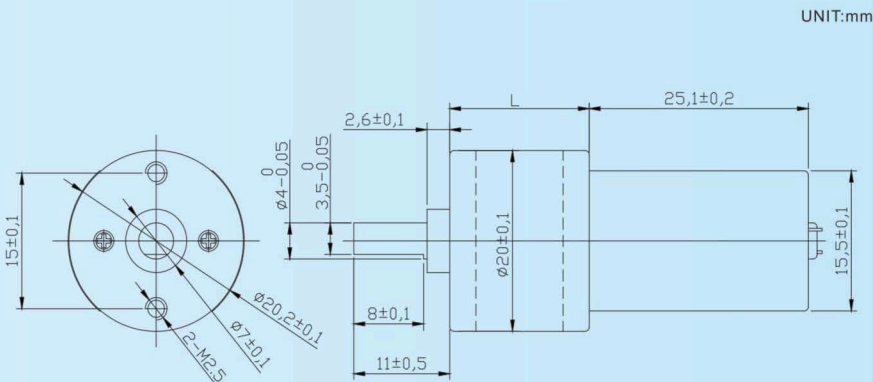
#### Motor Characteristics

			2025F4-2442
1	Voltage	V	3.3
2	Terminal resistance	Ω	0.4
3	No-load speed	rpm	20400
4	No-load current	mA	307
5	Stall torque	mNm	11.8
6	Stall current	mA	8250
7	Nominal torque	mNm	3.20
8	Nominal speed	rpm	14874
9	Nominal current	mA	2459
10	Max. output power	W	6.31
11	Max. efficiency	%	65
12	Back-EMF constant	mV/rpm	0.16
13	Torque constant	mNm/A	1.49
14	Speed/torque gradient	rpm/mNm	1727
15	Rotor inertia	gcm <sup>2</sup>	1.8
16	Weight	g	24

#### Gearbox Characteristics

	Reduction ratio	Max. rated tuorque	Max. momentary torque	Length (L)
		mNm	mNm	mm
1	29, 31	60	180	15.9
2	56, 73	80	200	17.4
3	107, 140, 182	120	350	18.9
4	268, 349, 446, 488	150	450	20.4

#### Outline Drawing



#### Other Options

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