

GB28**R

Planetary Gearbox Series

Applications: Precision control fields like medical instrument, industrial control and so on.
 Operating temperature range: -10~+100°C

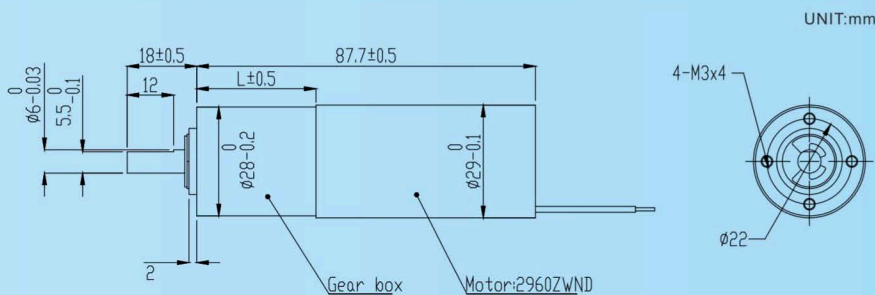
Motor Characteristics

		2960ZWND-1-11.0	
1	Voltage	V	11.0
2	Terminal resistance	Ω	0.5
3	No-load speed	rpm	24500
4	No-load current	mA	720
5	Stall torque	mNm	82.9
6	Stall current	mA	20755
7	Nominal torque	mNm	15
8	Nominal speed	rpm	20068
9	Nominal current	mA	4344
10	Max. output power	W	53.18
11	Max. efficiency	%	66
12	Back-EMF constant	mV/rpm	0.43
13	Torque constant	mNm/A	4.14
14	KV Value	rpm/V	2227
15	Speed/torque gradient	rpm/mNm	295
16	Rotor inertia	gcm ²	5
17	Weight	g	140

Gearbox Characteristics

	Reduction ratio	Max. rated tuorque	Max. momentary torque	Length (L)
		mNm	mNm	mm
1	4, 5	200	600	24.5
2	14, 19	300	900	30.9
3	27, 35	400	1200	30.9
4	51, 71	600	1800	37.3
5	100, 139	800	2400	37.3
6	189, 264, 516, 721, 939	1000	3000	43.7

Outline Drawing



UNIT:mm

Other Options

- Lead wires length
- Shaft length
- Special coils