

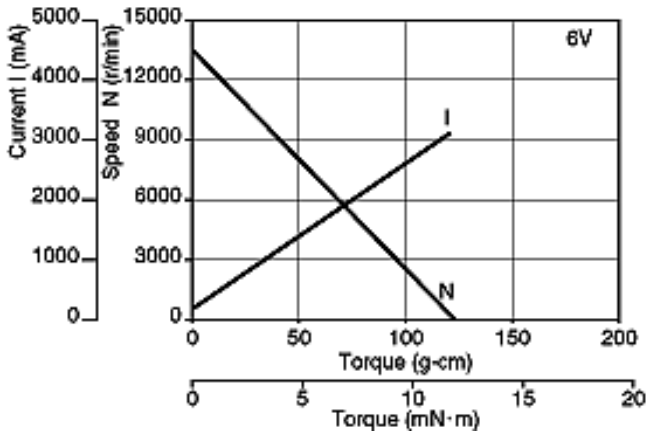
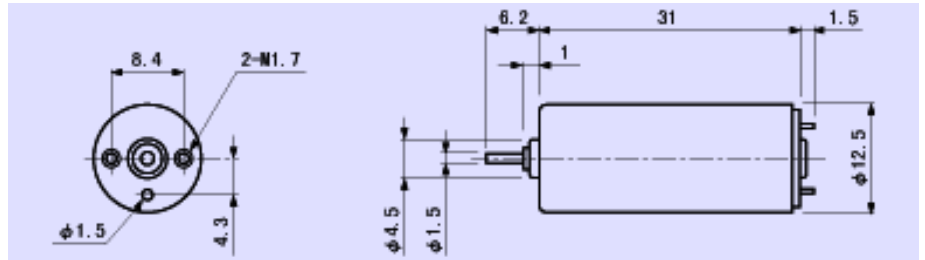
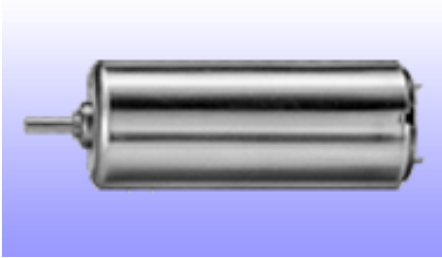
# DC Motors

## LN12 series

- Ironless cylindrically wound rotor
- Neodymium magnet used, high power
- Low power consumption, low moment of inertia

### Representative applications

- Film winding for cameras
- Camera shutter actuation
- Medical equipment



		LN12	
Voltage	V	6	
R a t e d	Power output	W	1.3
	Torque	mN·m	0.98
		g·cm	10
	Speed	r/min	12,900
	Current	mA	270
N o l o a d	Speed	r/min	14,000
	Current	mA	30
Starting torque	mN·m	12.3	
	g·cm	125	
Torque constant	mN·m/A	4.06	
	g·cm/A	41.4	
Voltage constant	V/1000 r/min	0.43	
Winding resistance	&Omega;	2.0	
Winding inductance	mH	0.03	
Moment of inertia	g·cm <sup>2</sup>	0.34	
Mechanical constant	mS	4.1	
Thermal resistance	°C/W	45	

Winding change and/or options possible for meeting customized performance requirements