PERMANENT MAGNET DC MOTORS

PMDC/Brushed Motors

Custom Motors for Your Application



MECWIN®

EMPOWERING FUTURE

www.mecwinindia.com

COMPANY OVERVIEW

About Us

Mecwin Group is a Bengaluru-based engineering and manufacturing company specializing in motors, controllers, powertrains, wiring harnesses, SCADA automation and IoT solutions. We develop **customized solutions for electric mobility, industrial automation, agriculture, renewable energy, aerospace, defence and other demanding applications.**Our 50,000 sq. ft. manufacturing facility is equipped with modern machinery, engineering laboratories and advanced testing facilities. With strong in-house engineering capabilities, we manage the complete product journey — from design and prototyping to testing, validation and production.We work closely with OEMs to provide high-performance, reliable and application-specific solutions.

Our growth is driven by innovation, engineering excellence, quality, integrity and long-term partnerships with our customers, suppliers and employees.

Vision

To become the preferred global technology partner for high-efficiency motors, controllers and powertrains—from agriculture to aviation—by delivering innovation, quality, reliability, on-time service and environmentally responsible manufacturing.

Mission

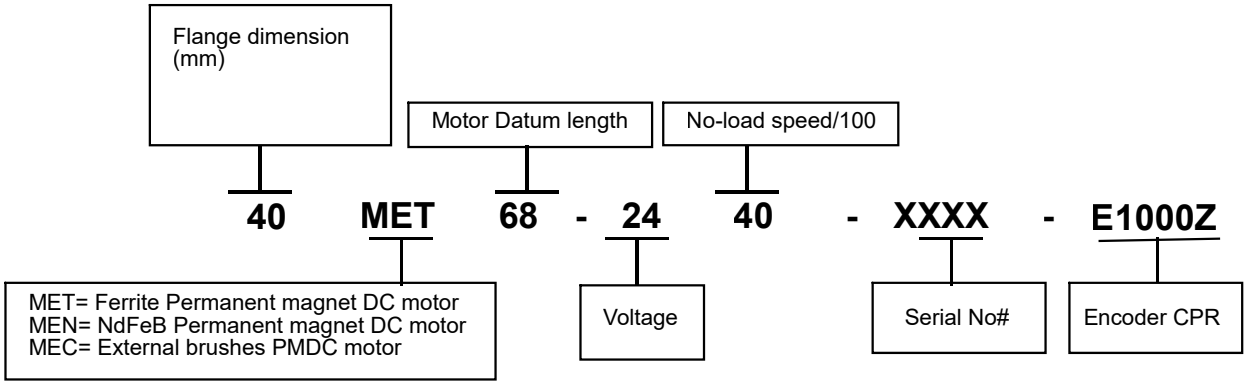
To become the preferred global technology partner for high-efficiency motors, controllers and powertrains—from agriculture to aviation—by delivering innovation, quality, reliability, on-time service and environmentally responsible manufacturing.

Core Values

Customer Success | Innovation | Excellence | Integrity | People & Partnerships | Environmental Responsibility.

PERMANENT MAGNET DC MOTORS(PMDC MOTORS)

MOTOR TYPE SPECIFICATION



- The Permanent Magnet Brushed DC motor technology offers the distinct advantages of;
- High efficiency,
- High power density,
- Absence of iron losses,
- Linear torque-speed function.
- They are applied to:

1. In Automobile industry: various fan, wiper, spray pump, turbo timer, rearview mirror etc;
2. In Hotel: automatic door, automatic door locks, automatic curtain, automatic water supply system etc;
3. In Industry and agriculture: PMDC motors are widely used in electrical and automation control and instrumentation;
4. In Medical and healthcare industry: PMDC motors are used more widely, such as medical instruments, surgical tools, electric saws in open-brain surgery treatment;

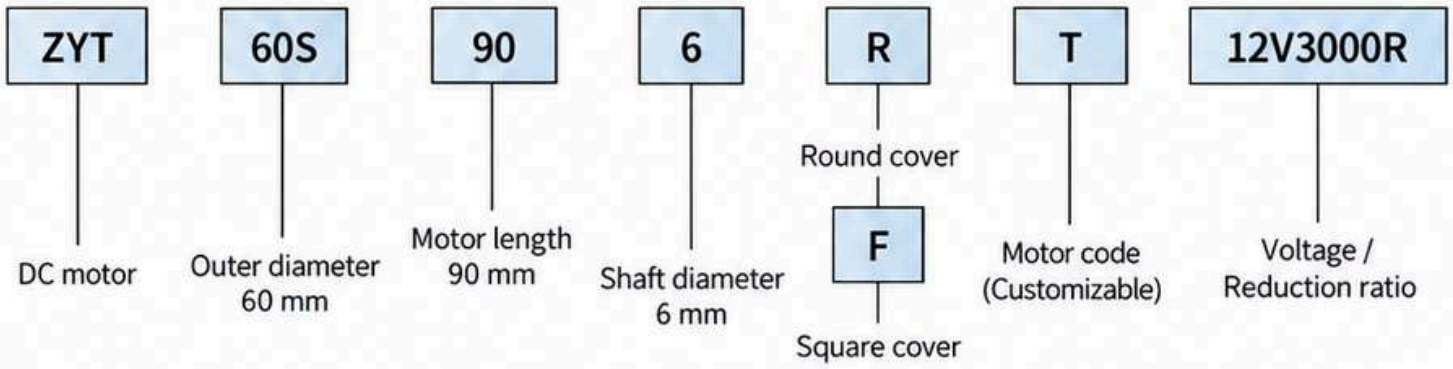
- The brushed DC motors range can be offered with a wide variety of spur, planetary and custom gearheads and encoders or brakes.

The brushed DC motor range offers you:

1. Frame sizes from 31 to 114mm
2. Speeds from 1,000 to 10,000 rpm.
3. Power from 10W to 1500W
4. Continuous motor torque from 0.03Nm to 3Nm

- Neodymium magnets on selected motors
- High motion efficiency, that allows you to build the most compact, precise and energy-efficient solution.

Model Description



Unit Conversion Table

N·m	mN·m	gf-cm	kgf-cm
1	1000	10200	10.2
0.001	1	10.2	0.0102
0.000098	0.098	1	0.001
0.098	98	1000	1

Formula for Calculating Output Power

$$P_0(W) = \frac{Torque\ (N{\cdot}m) \times Speed\ (Rpm)}{9.55}$$

Efficiency Formula

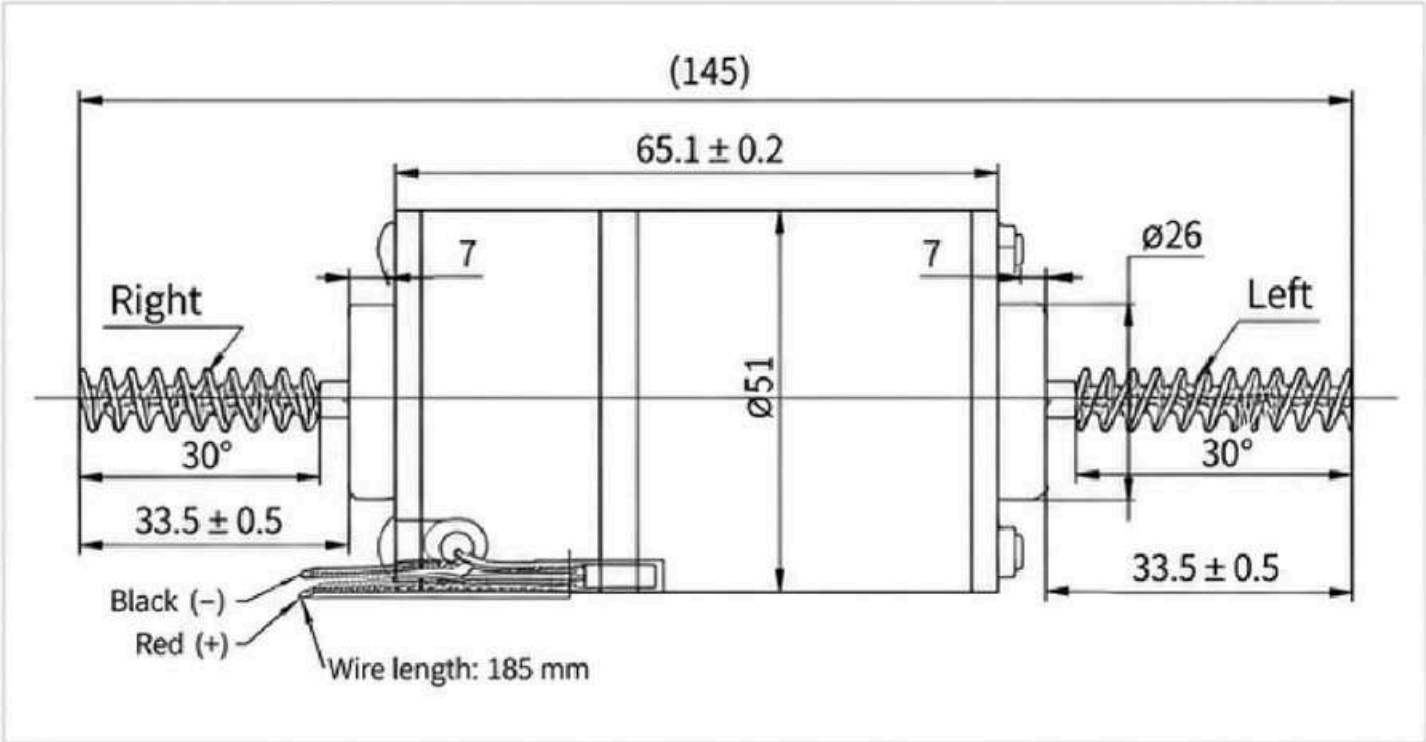
$$EFF(\%) = \frac{P_0(W)}{Voltage\ (V) \times Current(I)} \times 100\%$$

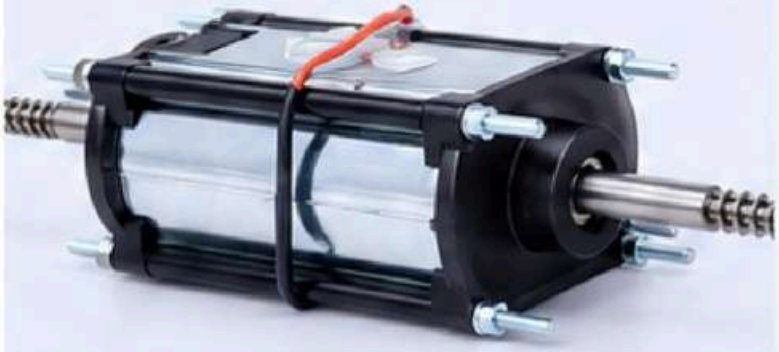


DC Brush Motor

51S-145 (3422)

- Voltage: 6–240V (customizable)
- Power: 3–50W (customizable)
- Applications: Wide range of applications including smart home, beauty and personal care devices, machinery and equipment, air pumps, oil pumps, medical equipment, office automation, experimental equipment, etc.

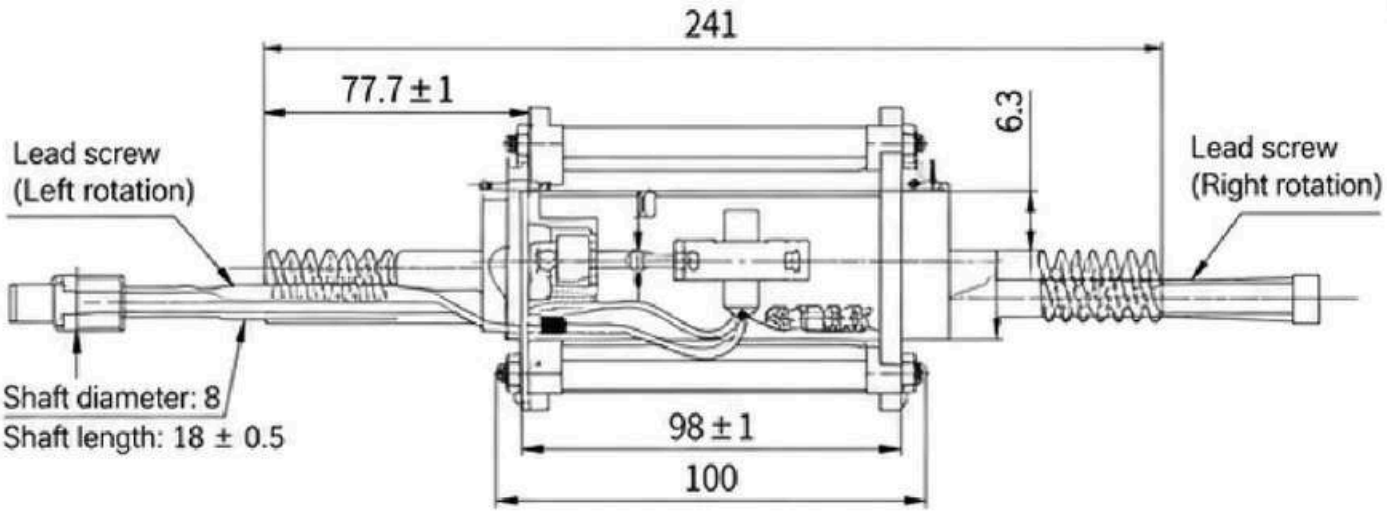




DC Brush Motor

50S90-244

- Voltage: 6–240V (customizable)
- Power: 3–100W (customizable)
- Applications: Wide range of applications including smart home, beauty and personal care devices, machinery and equipment, medical equipment, office automation, experimental equipment, etc.

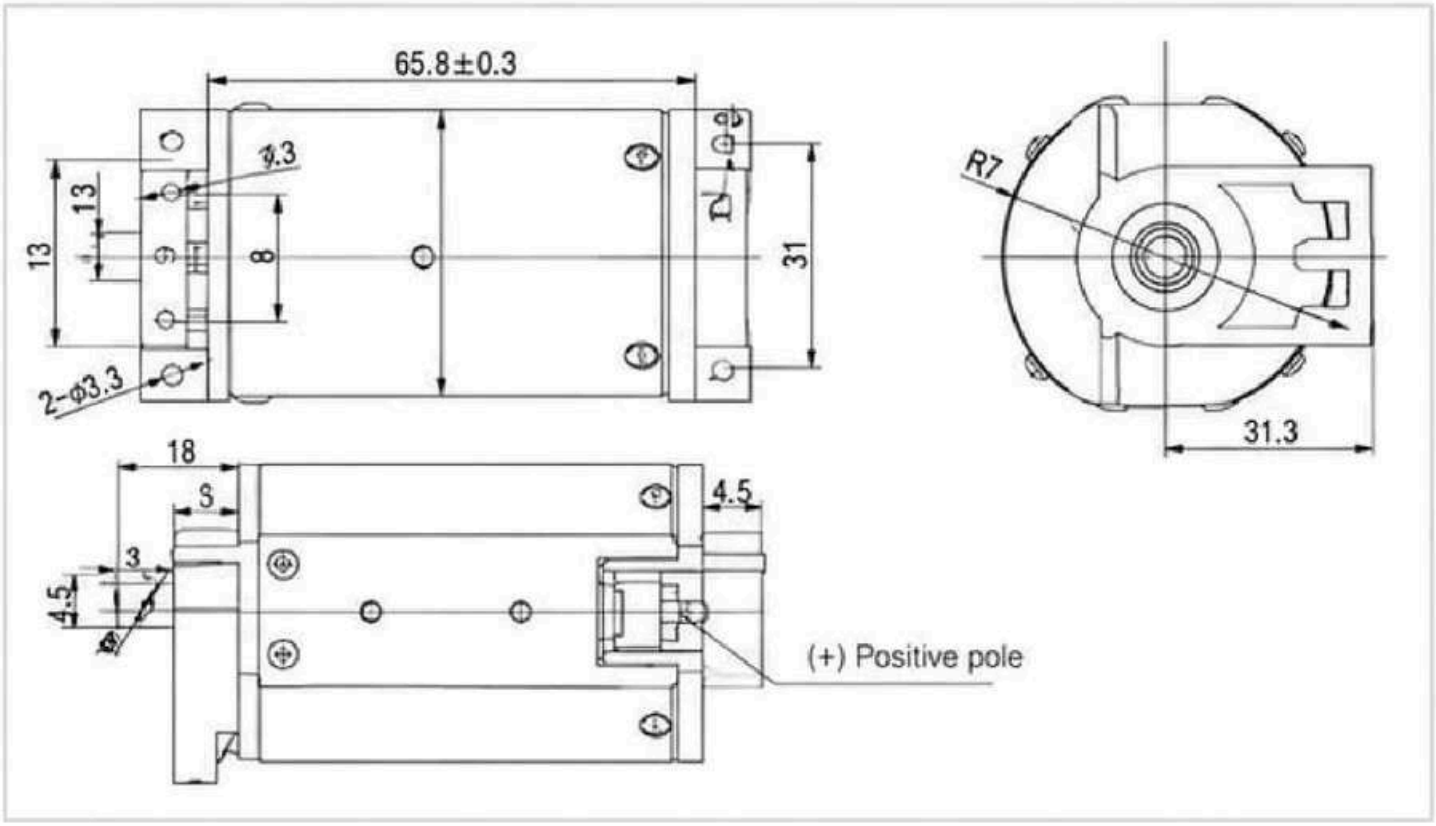




DC Brush Motor

46S-2

- Voltage: 6–240V (customizable)
- Power: 3–50W (customizable)
- Applications: Widely used in massage devices, smart home, beauty salon and hairdressing, machinery and equipment, air pumps, oil pumps, electrical appliances, office automation equipment, experimental equipment, etc.

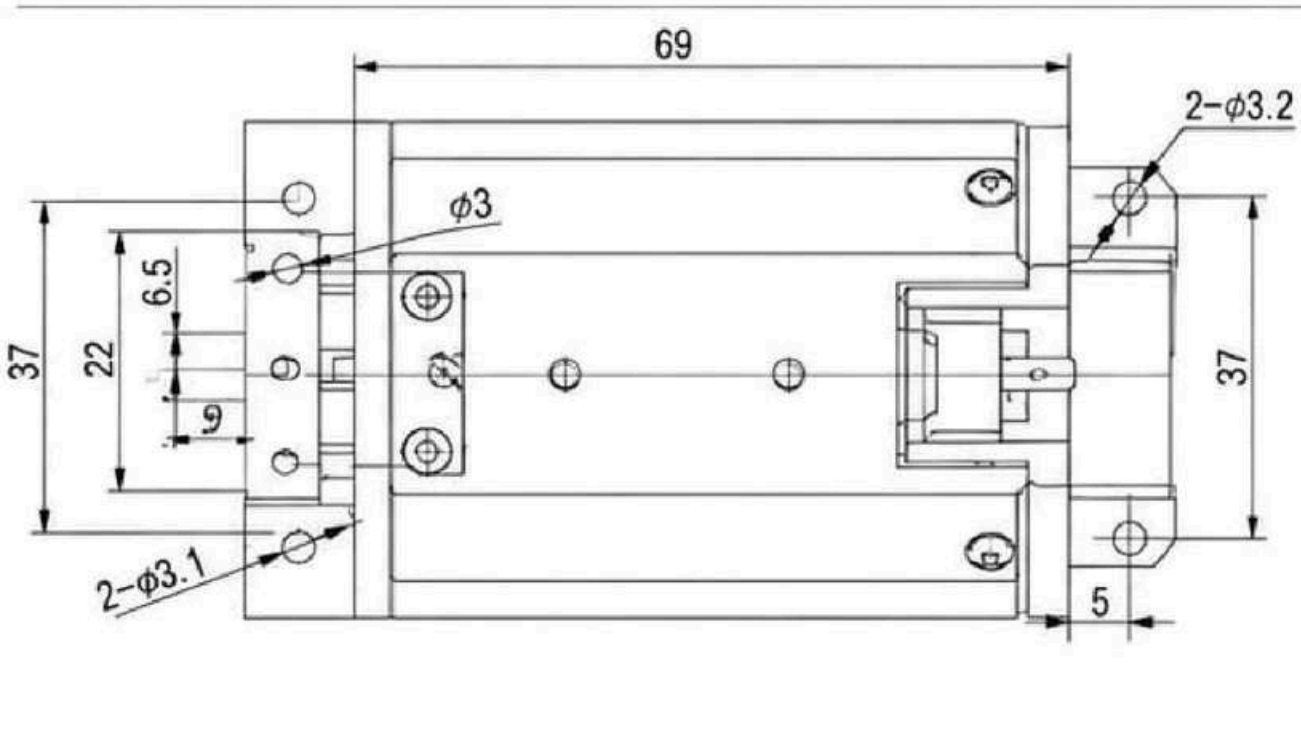




DC Brush Motor

46S-6

- Voltage: 6–240V (customizable)
- Power: 3–50W (customizable)
- Applications: Widely used in massage devices, smart home, beauty salon and hairdressing, machinery and equipment, air pumps, oil pumps, electrical appliances, office automation equipment, experimental equipment, etc.

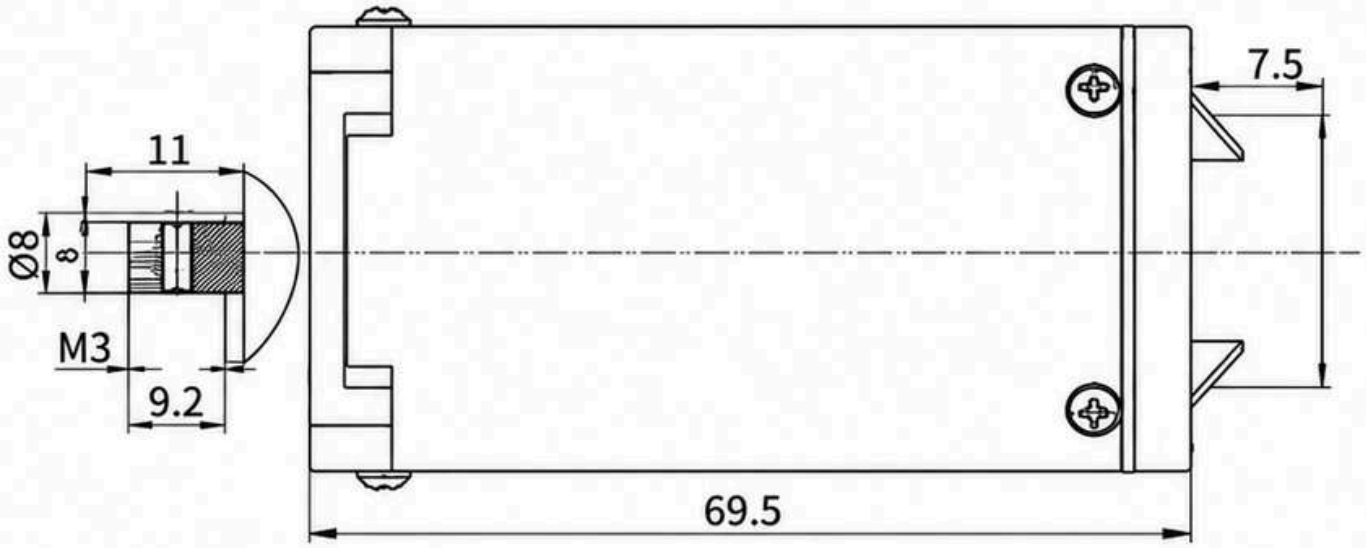


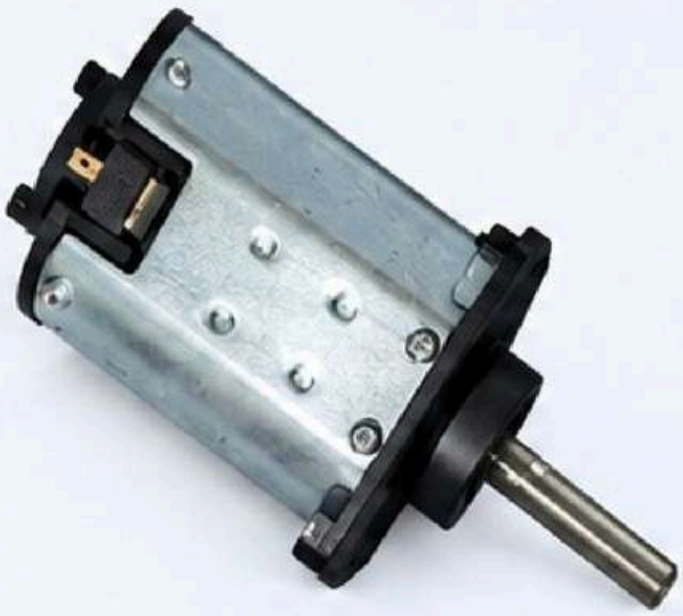


DC Brush Motor

465-2

- Voltage: 6–240V (customizable)
- Power: 3–50W (customizable)
- Applications: Widely used in massage devices, smart home, beauty salon and hairdressing equipment, water pumps, electric air pumps, office automation equipment, experimental equipment, etc.

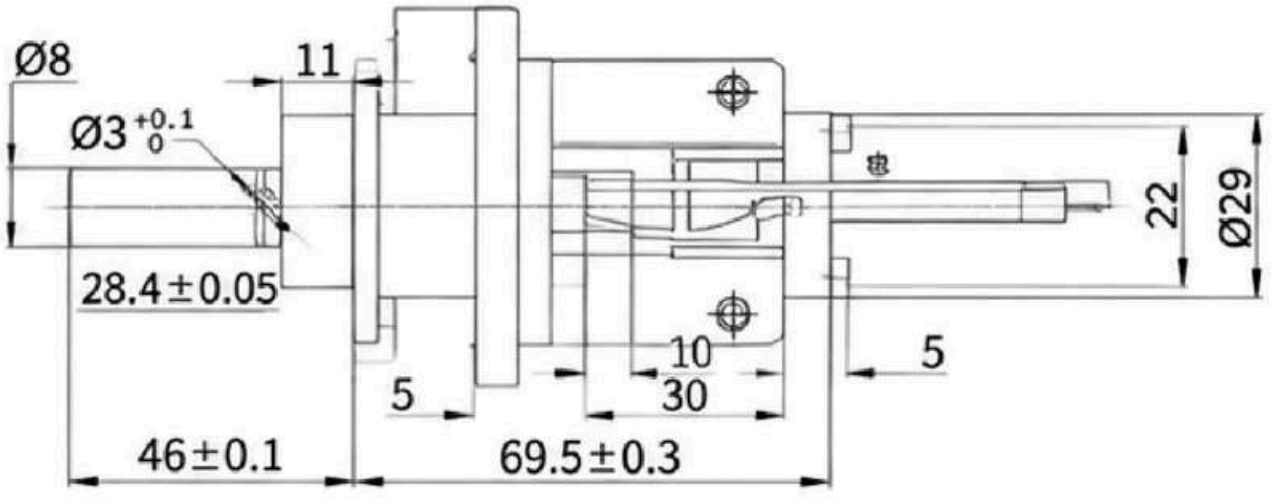




DC Brush Motor

465-12D

- Voltage: 6–240V (customizable)
- Power: 3–40W (customizable)
- Applications: Widely used in health equipment, smart home, office automation equipment, experimental equipment, etc.

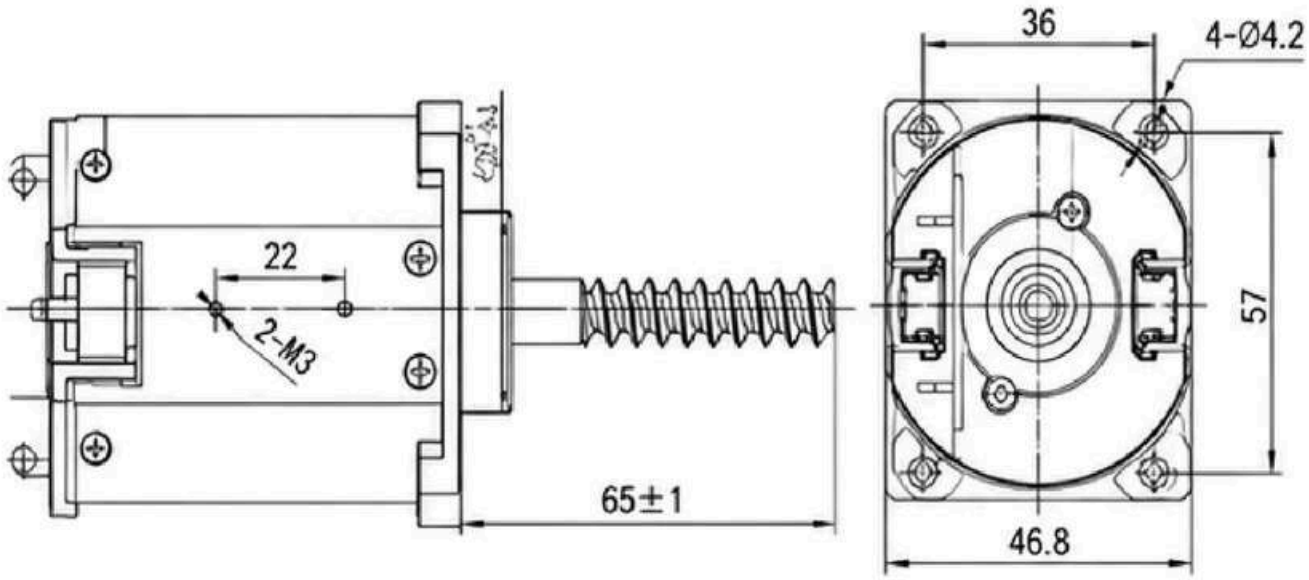




DC Permanent Magnet Motor

46S-140

- Voltage: 6-240V (customizable)
- Power: 3-50W (customizable)
- Applications: Widely used in massage devices, smart home, beauty salon and hairdressing, machinery and equipment, air pumps, oil pumps, electrical appliances, office automation equipment, experimental equipment, etc.

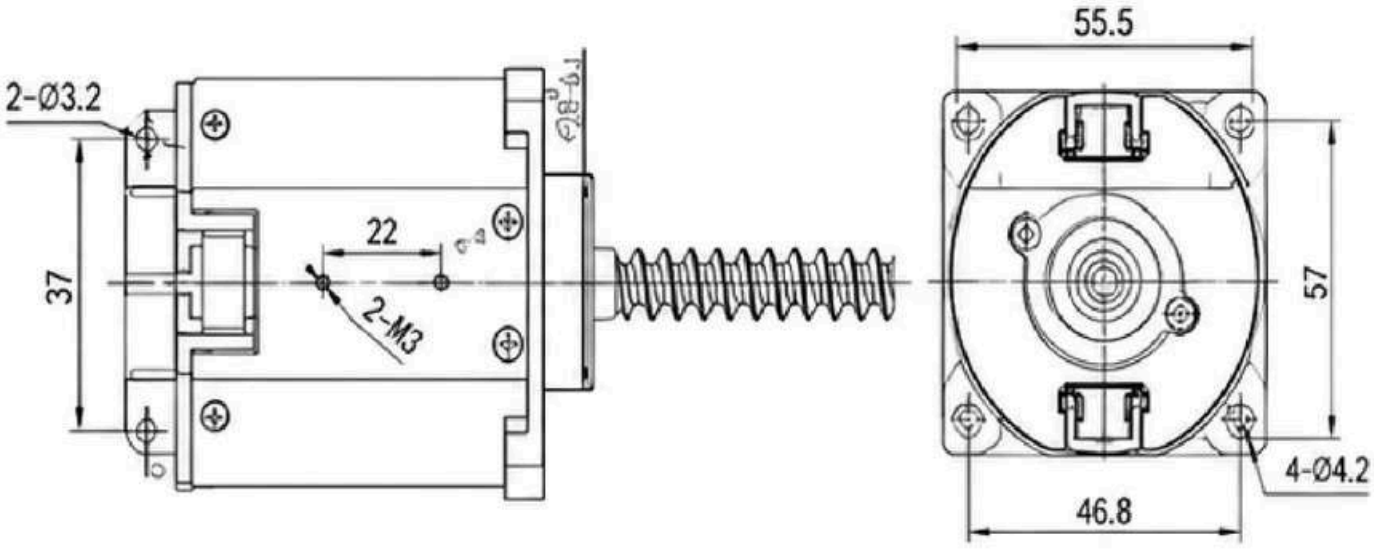




DC Brush Motor

46S-152

- Voltage: 6–240V (customizable)
- Power: 3–50W (customizable)
- Applications: Widely used in massage devices, smart home, beauty salon and hairdressing, machinery and equipment, air pumps, oil pumps, electrical appliances, office automation equipment, experimental equipment, etc.

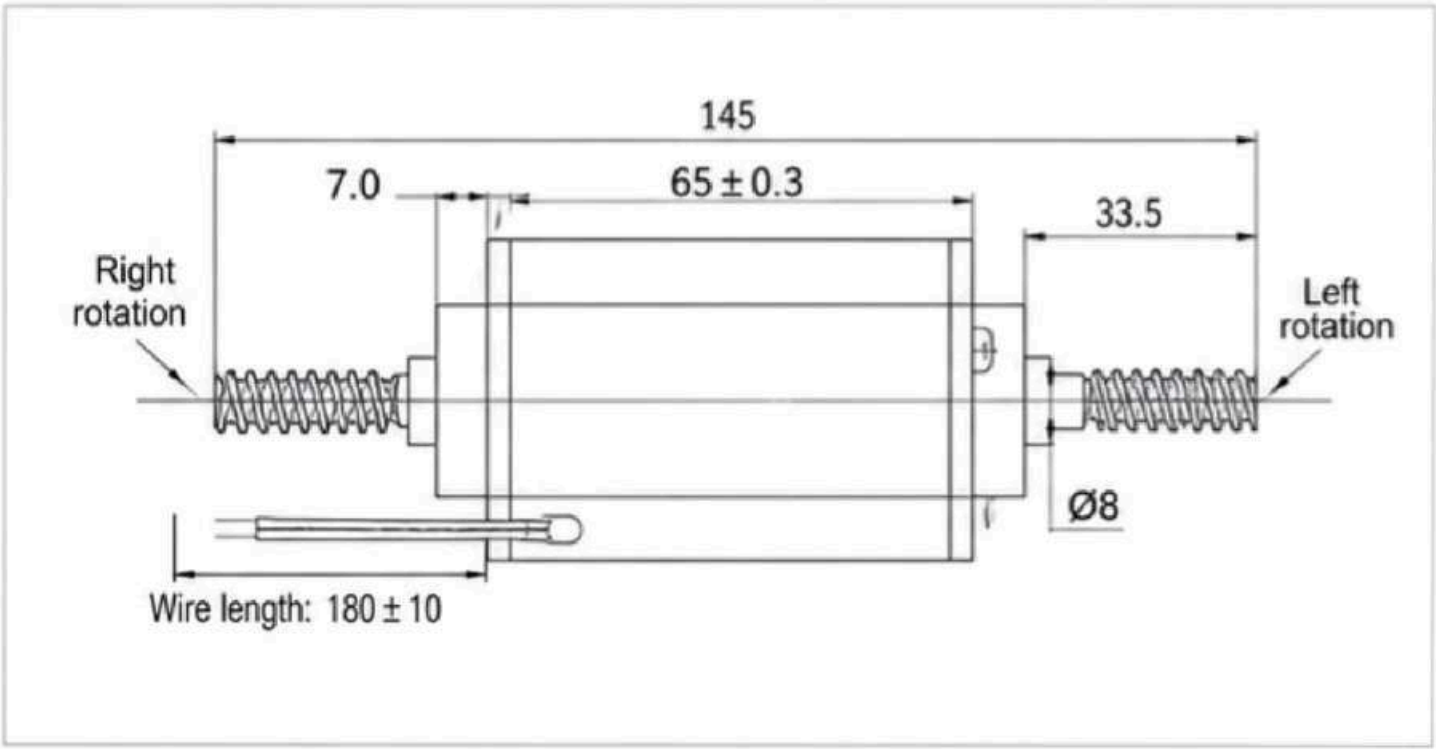




DC Brush Motor

38B65-145

- Voltage: 6-240V (customizable)
- Power: 3-35W (customizable)
- Applications: Widely used in massage devices, smart home appliances (shoulder and neck massagers), office automation, experimental equipment, etc.

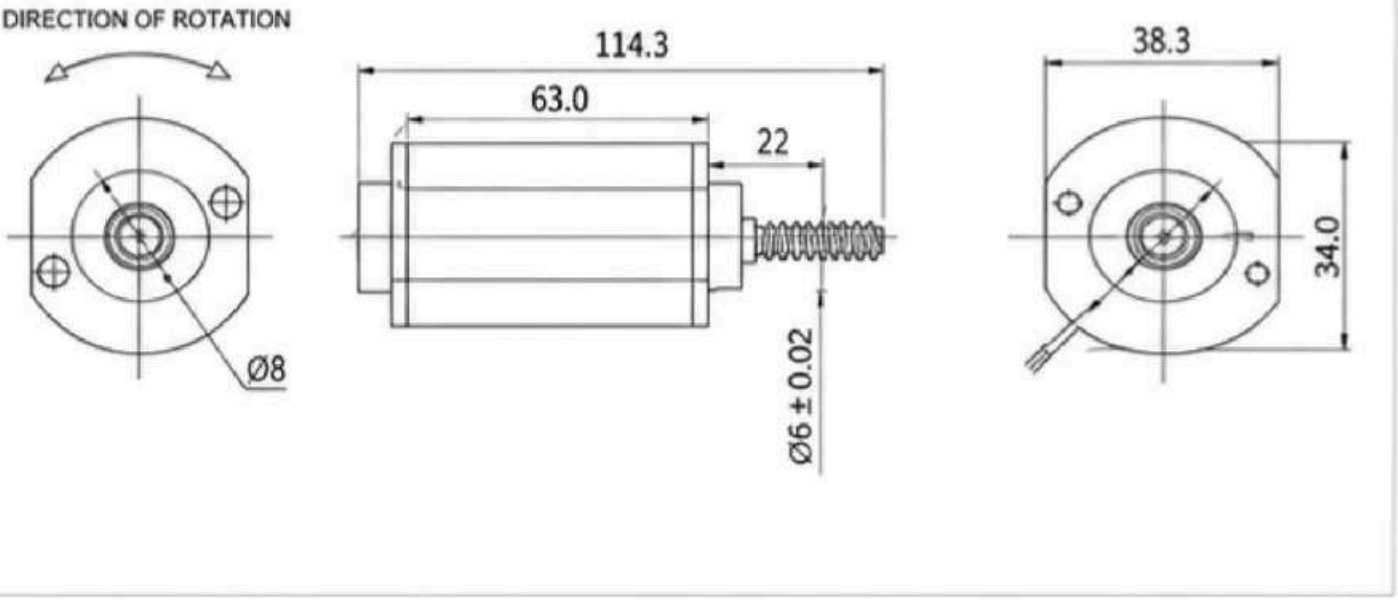




DC Brush Motor

45B-114

- Voltage: 6-240V (customizable)
- Power: 3-35W (customizable)
- Applications: Widely used in massage devices, smart home appliances (shoulder and neck massagers), office automation, experimental equipment, etc.





DC brush motor

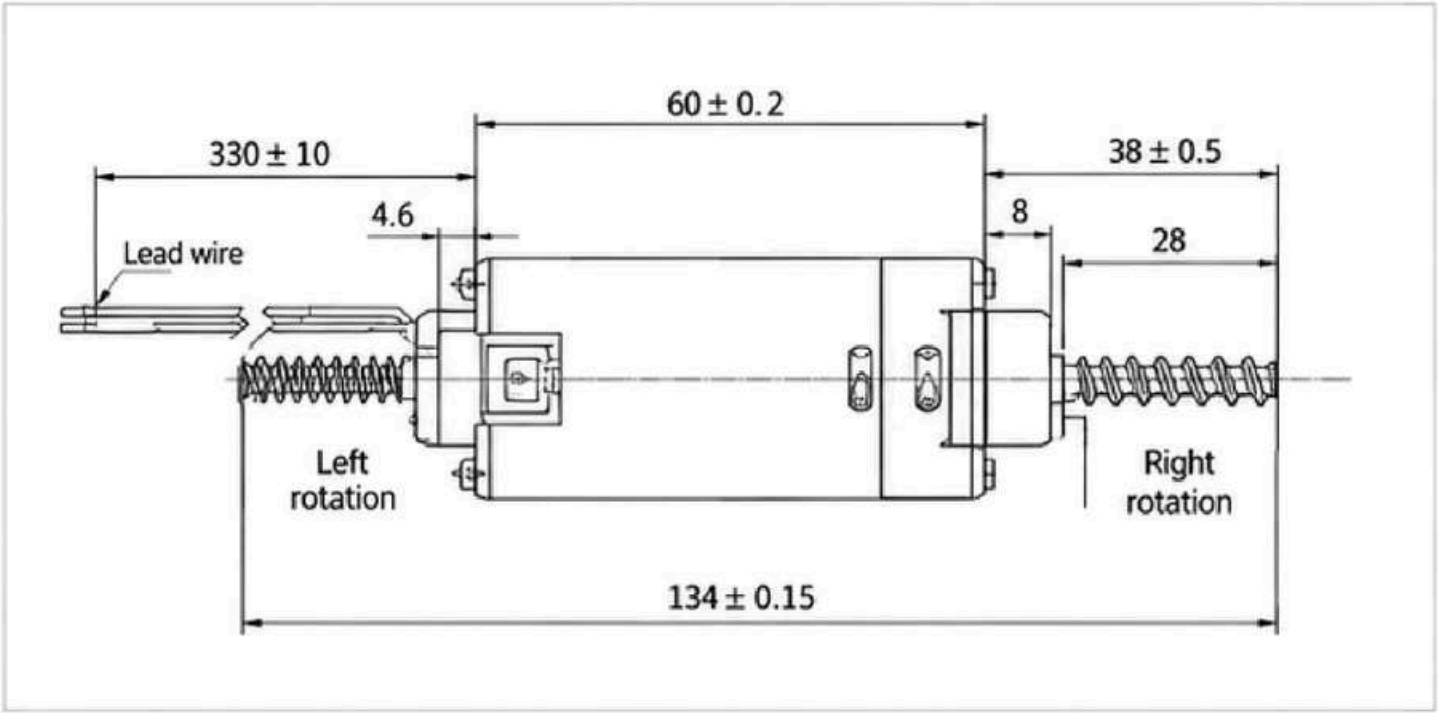
38B60-134

- Voltage: 6-240V (customizable)
- Power: 3-100W (customizable)
- Applications: Massager (high vibration), smart home, office automation, experimental equipment, etc.

DC brush motor

38B60-134

- Voltage: 6-240V (customizable)
- Power: 3-35W (customizable)
- Application: Health equipment (shoulder and neck massagers), smart home, office automation, experimental equipment, etc.





DC brush motor

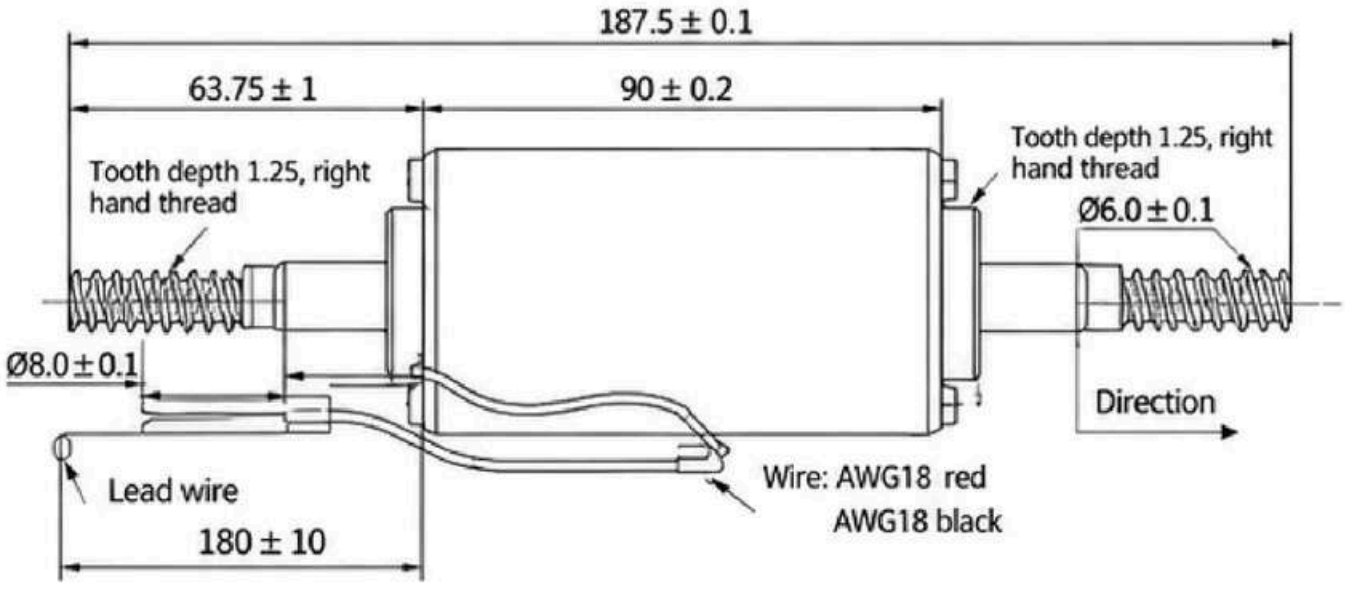
51F90-244.5

- Voltage: 6-240V (customizable)
- Power: 3-100W (customizable)
- Applications: Massager (high vibration), smart home, office automation, experimental equipment, etc.

DC brush motor

51F90-244.5

- Voltage: 6-240V (customizable)
- Power: 3-100W (customizable)
- Applications: Health equipment, smart home, office automation, experimental equipment, etc.

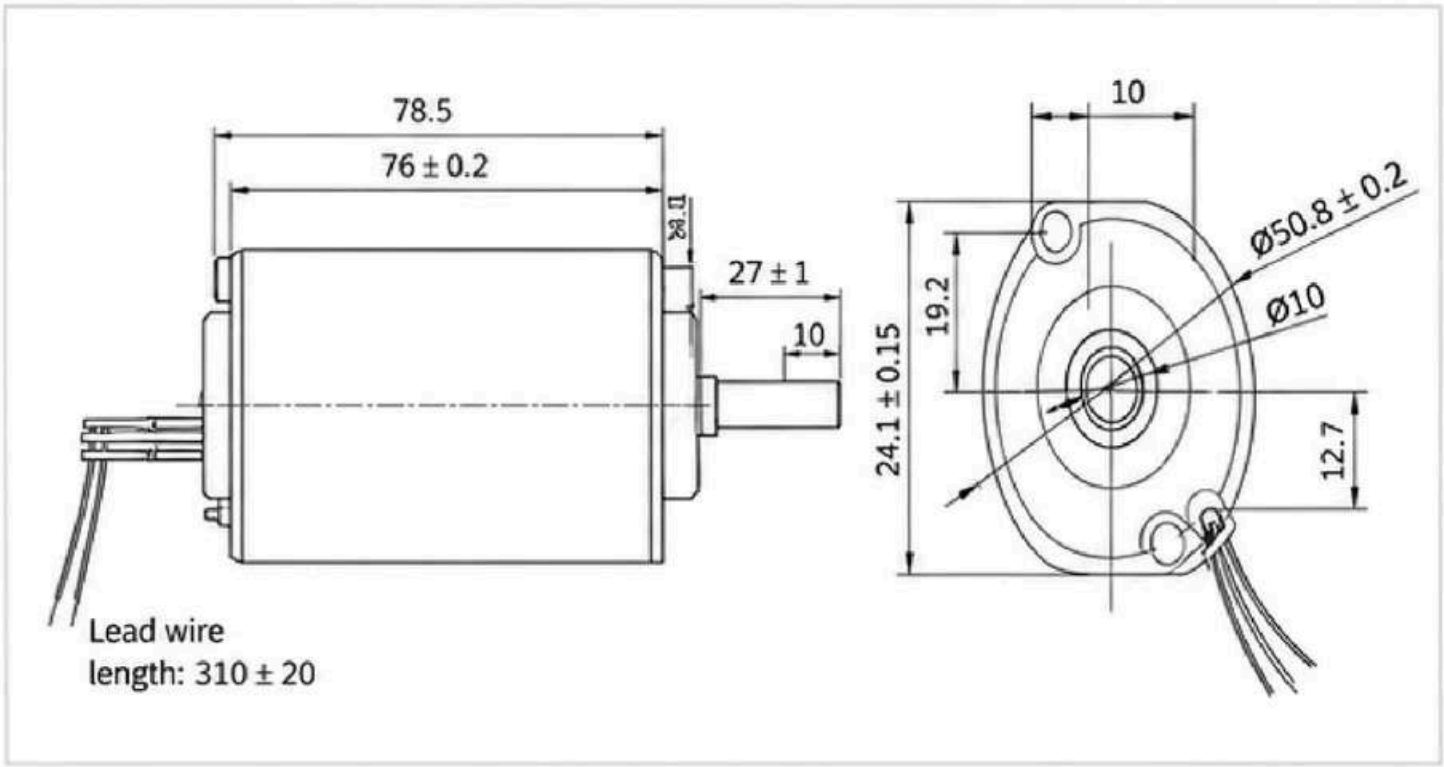




DC brush motor

51F78-119

- Voltage: 6-240V (customizable)
- Power: 3-40W (customizable)
- Applications: massager equipment, health equipment, smart home, office automation, experimental equipment, etc.

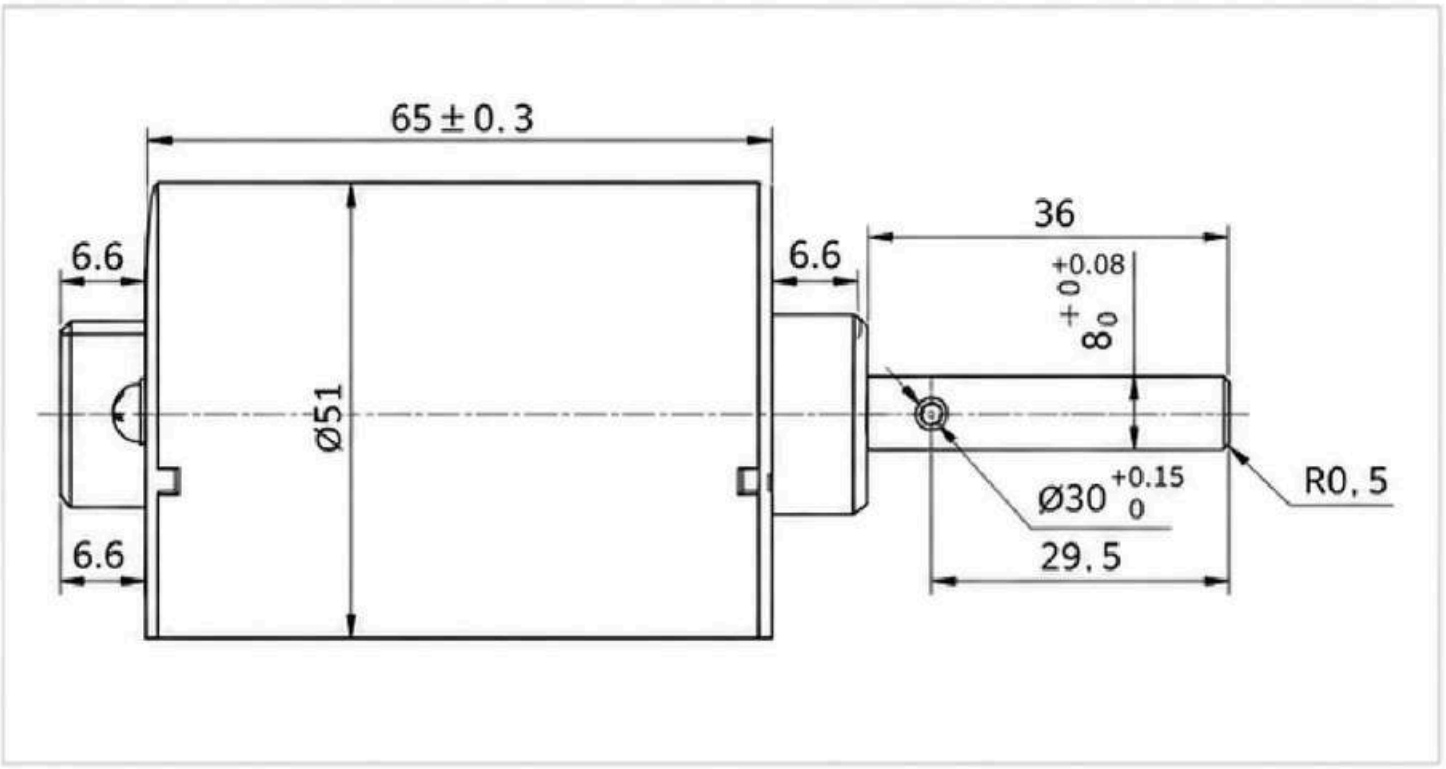




DC brush motor

51S65-113

- Voltage: 6-240V (customizable)
- Power: 3-43W (customizable)
- Applications: massager equipment, health equipment, smart home, office automation, experimental equipment, etc.

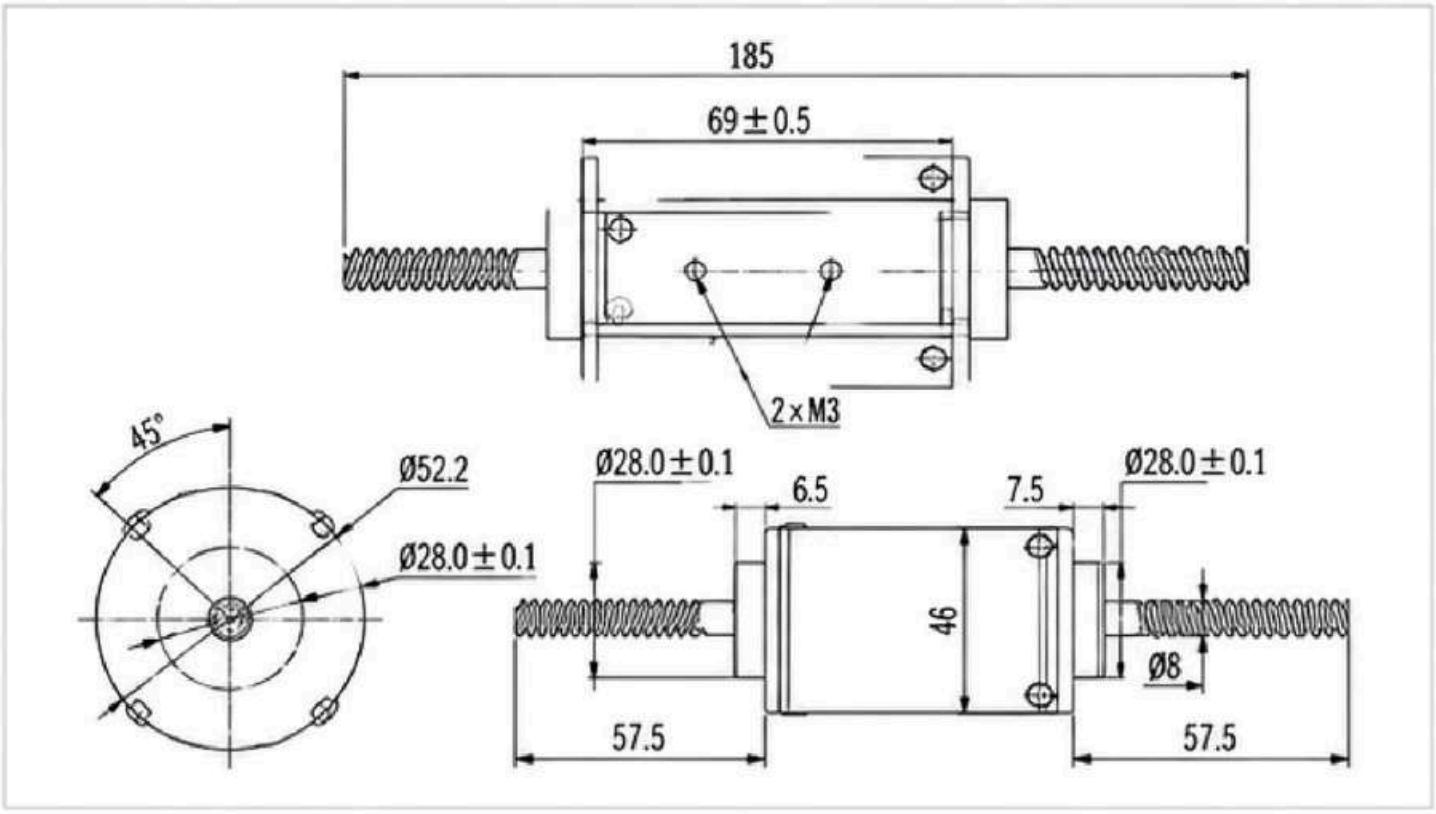


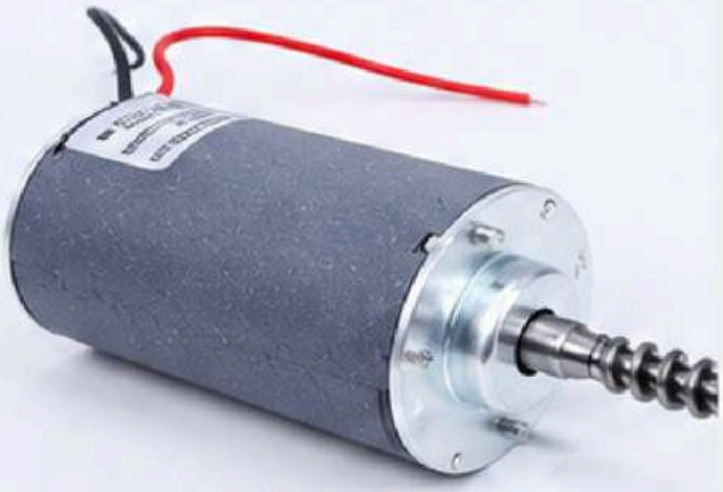


DC brush motor

46S69-185

- Voltage: 6–240V (customizable)
- Power: 3–40W (customizable)
- Applications: Widely used in massage equipment, health equipment, smart home, air pump, oil pump, office automation, experimental equipment, etc.

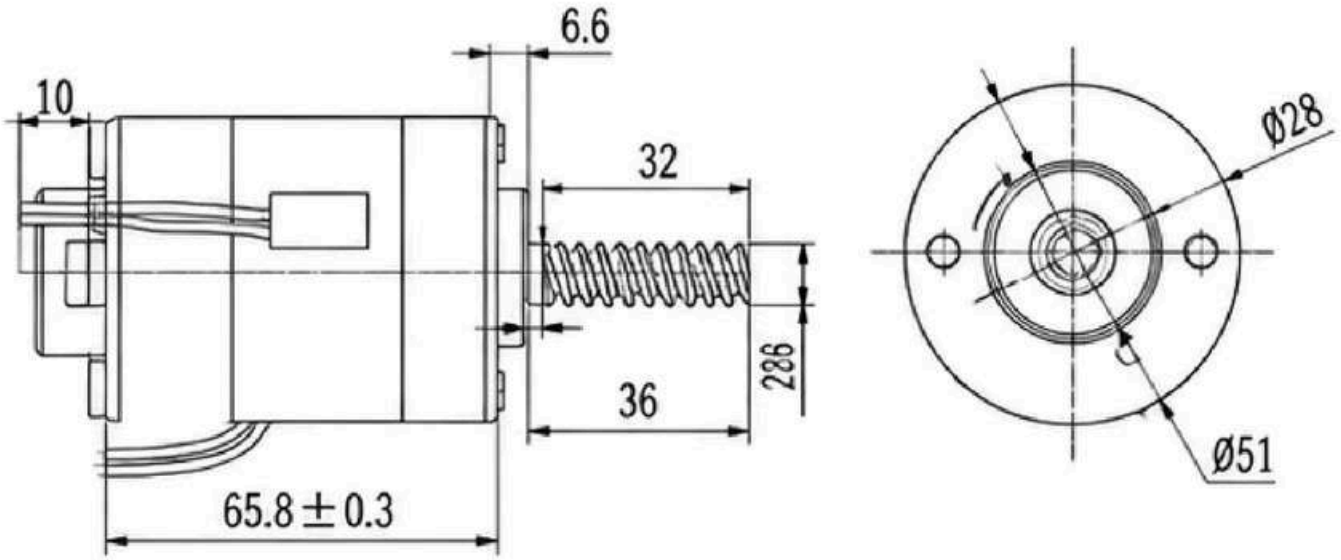




DC brush motor

51S-140

- Voltage: 6–240V (customizable)
- Power: 3–30W (customizable)
- Applications: Widely used in massage equipment, health equipment, smart home, air pump, oil pump, office automation, experimental equipment, etc.



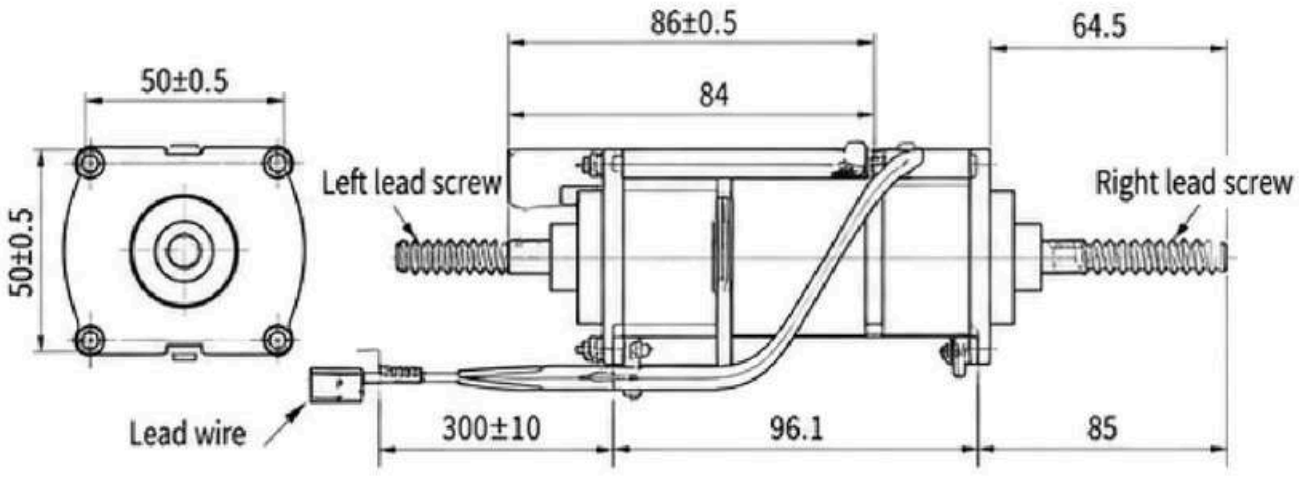


DC brush motor
50S-220

- Voltage: 6-240V (customizable)
- Power: 3-40W (customizable)
- Applications: massage equipment, smart home, office automation, experimental equipment, etc.

DC brush motor
50S-220

- Voltage: 6-240V (customizable)
- Power: 3-40W (customizable)
- Applications: massage equipment, health equipment, smart home, office automation, experimental equipment, etc.





DC brush motor

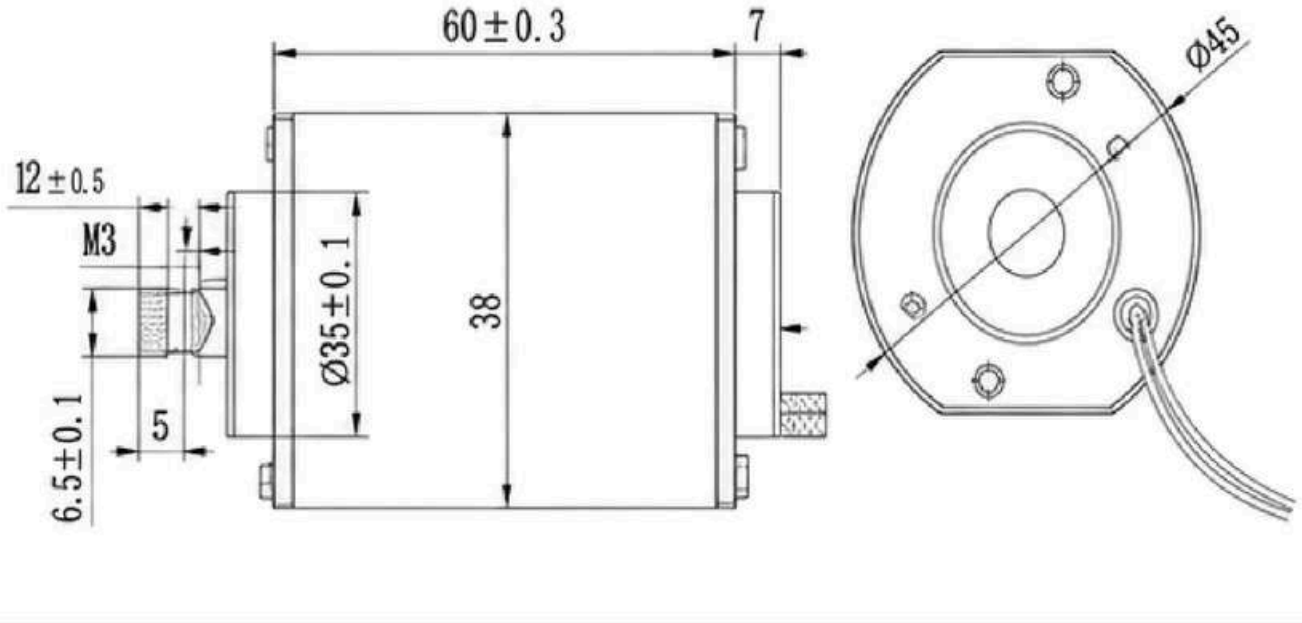
45F60-84.5

- Voltage: 6-50V (customizable)
- Power: 3-100W (customizable)
- Applications: massage equipment, air pumps, oil pumps, smart home, office automation, experimental equipment, etc.

DC brush motor

45F60-84.5

- Voltage: 6-50V (customizable)
- Power: 3-100W (customizable)
- Applications: massage equipment, health equipment, smart home, office automation, experimental equipment, etc.

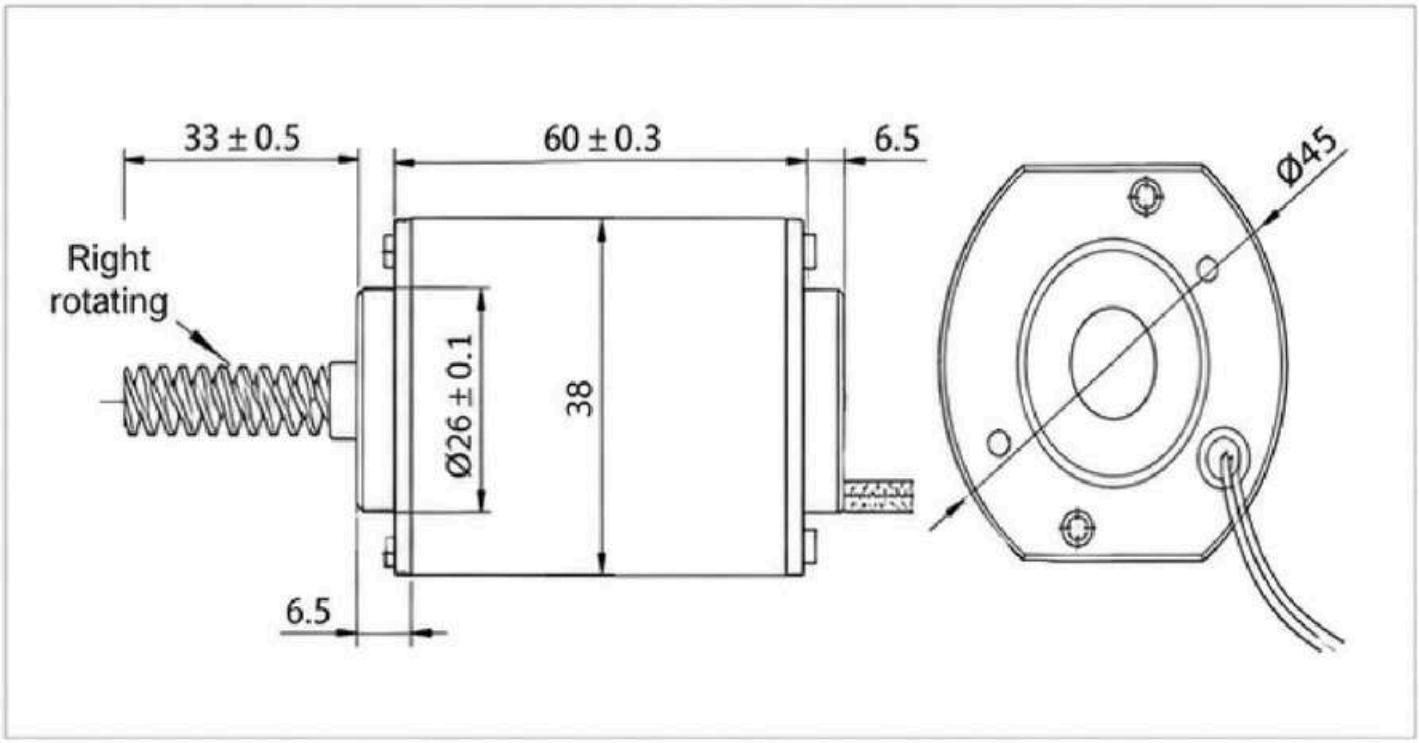




DC brush motor

45F60-104

- Voltage: 6-240V (customizable)
- Power: 3-100W (customizable)
- Applications: massage equipment, health equipment, smart home, office automation, experimental equipment, etc.

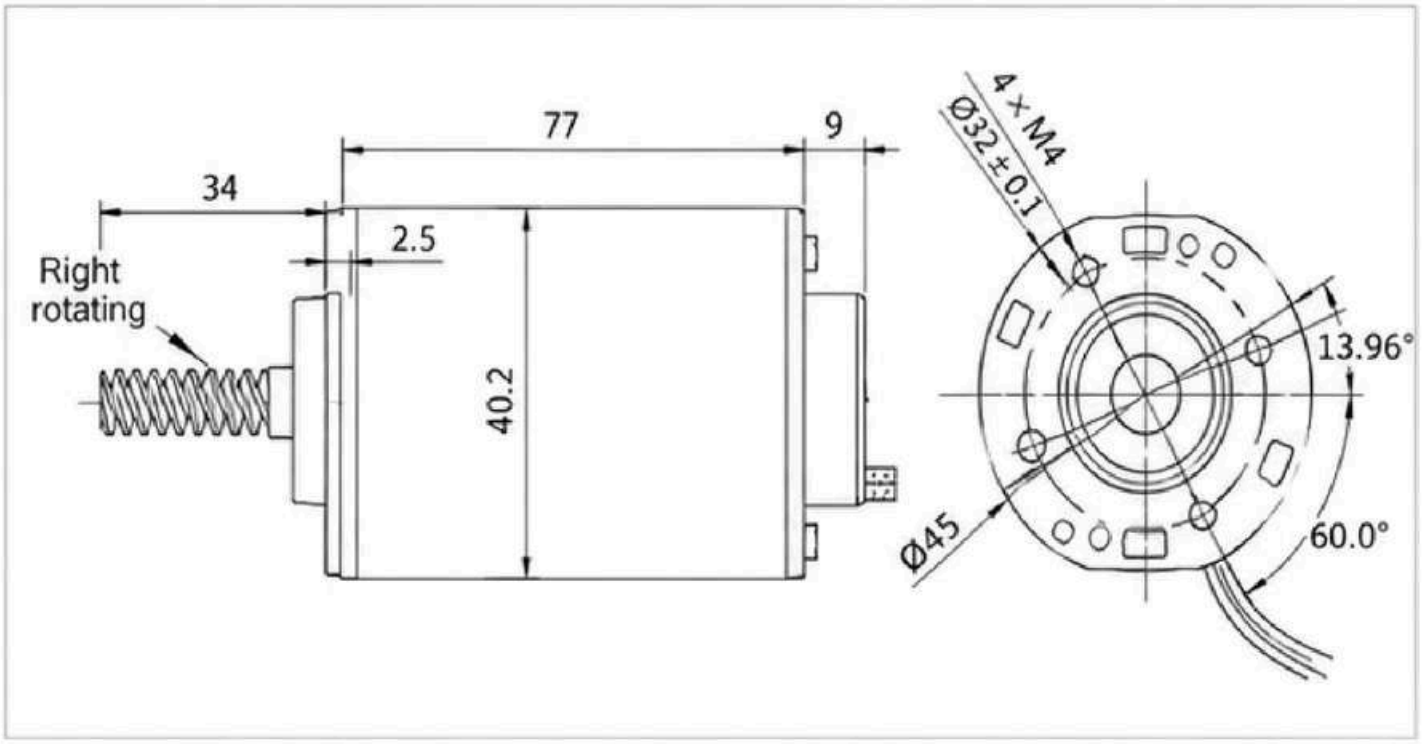




DC brush motor

45B92-152

- Voltage: 6-240V (customizable)
- Power: 3-100W (customizable)
- Applications: electric drying racks, adjustable desks, smart home, office automation, experimental equipment, etc.





DC brush motor

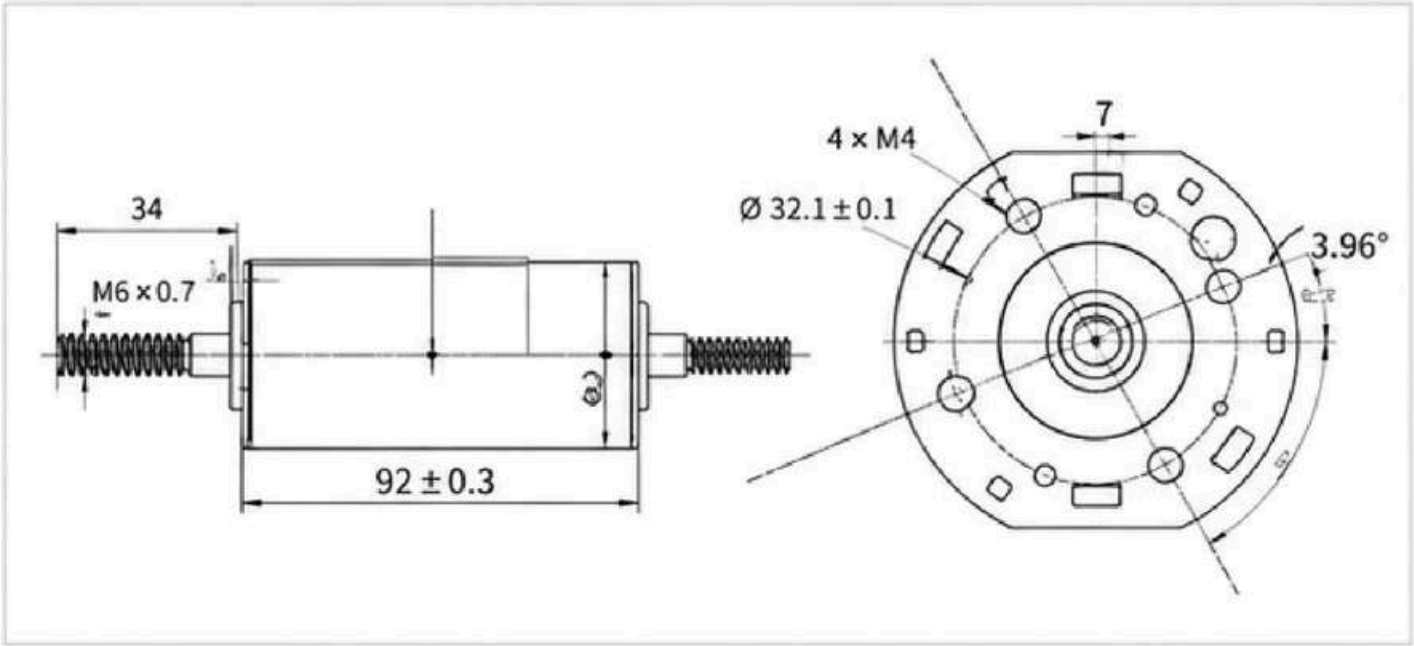
45B92-165

- Voltage: 6-240V (customizable)
- Power: 3-100W (customizable)
- Applications: electric drying racks, adjustable desks, smart homes, office automation, experimental equipment, etc.

DC brush motor

45B92-165

- Voltage: 6-240V (customizable)
- Power: 3-100W (customizable)
- Applications: electric drying racks, adjustable desks, smart homes, office automation, experimental equipment, etc.



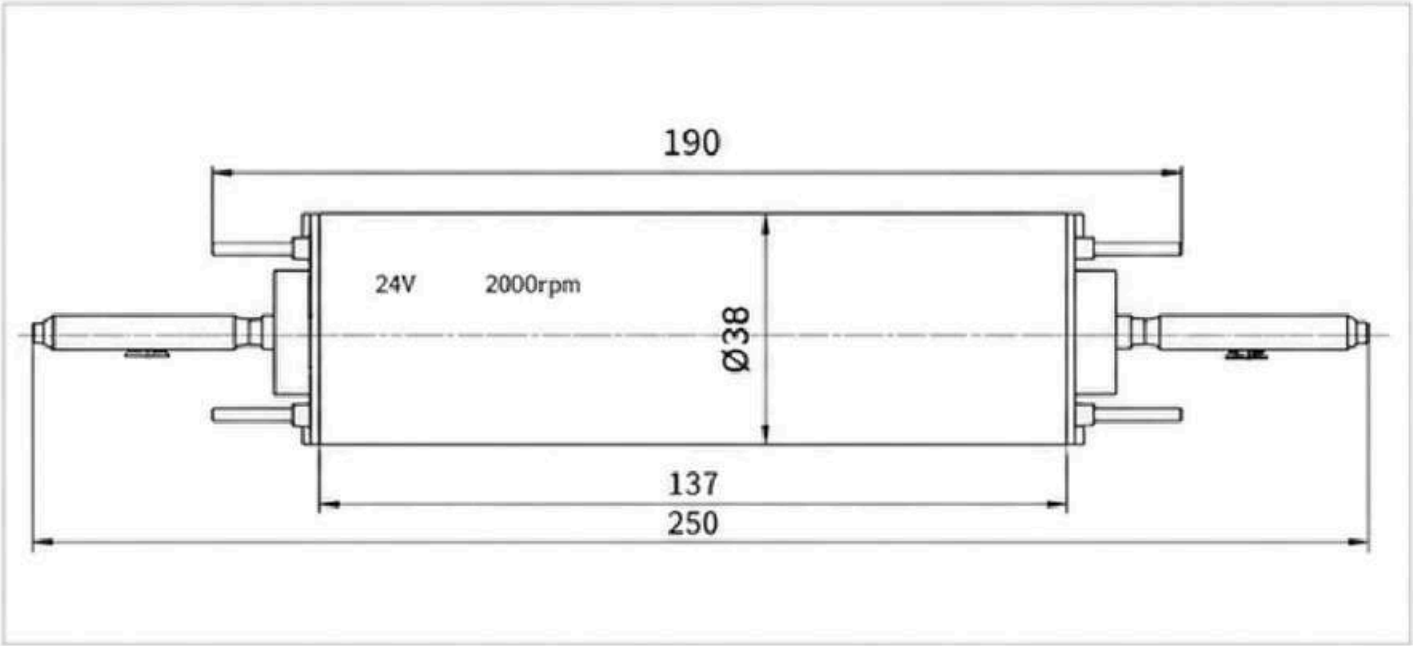


DC brush motor
51S130-249

- Voltage: 6-240V (customizable)
- Power: 3-100W (customizable)
- Applications: massage devices and health equipment, smart home systems, office automation, experimental equipment, etc.

DC brush motor
51S130-249

- Voltage: 6-240V (customizable)
- Power: 3-100W (customizable)
- Applications: massage devices and health equipment, smart home systems, office automation, experimental equipment, etc.

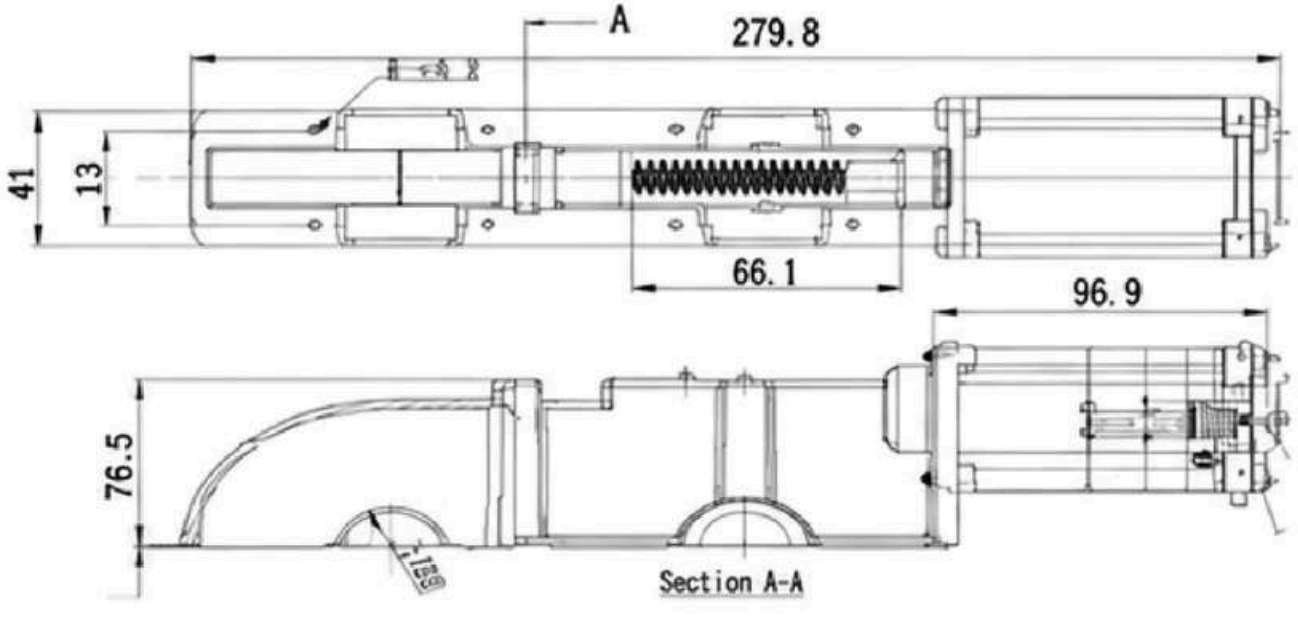




DC brush motor

50S-275

- Voltage: 6-240V (customizable)
- Power: 3-60W (customizable)
- Applications: massage device, foot therapy machine, health equipment, smart, office automation, experimental equipment, etc.

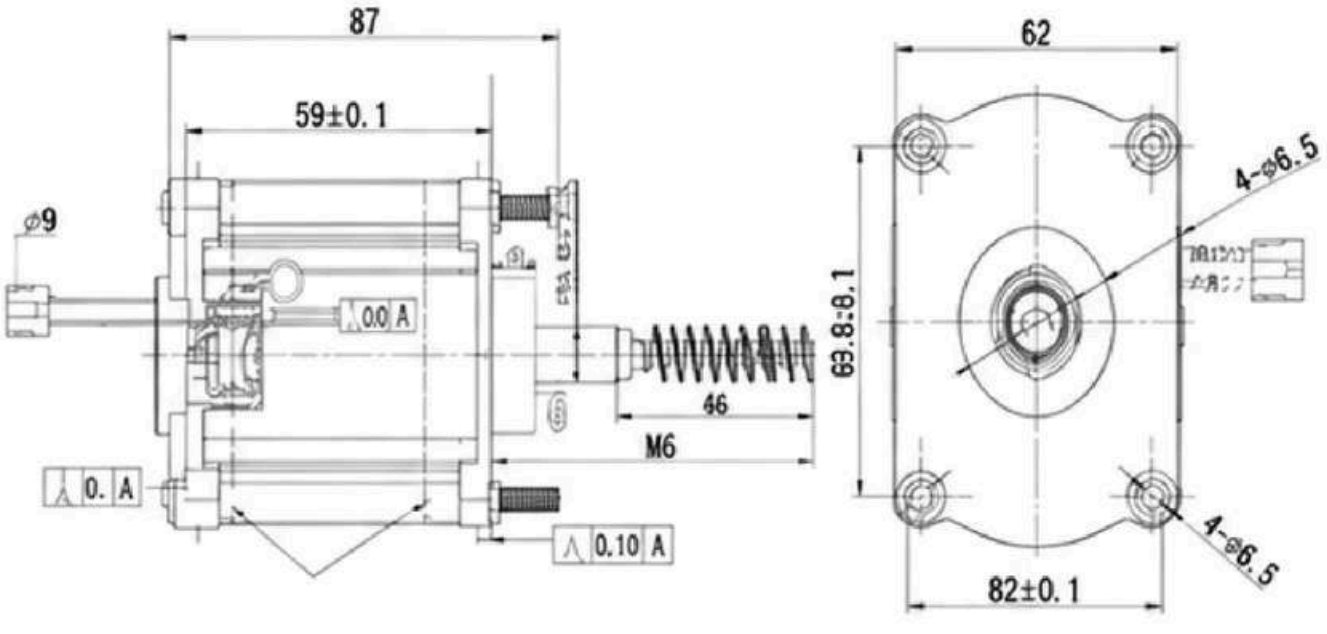




DC brush motor

50S70-156

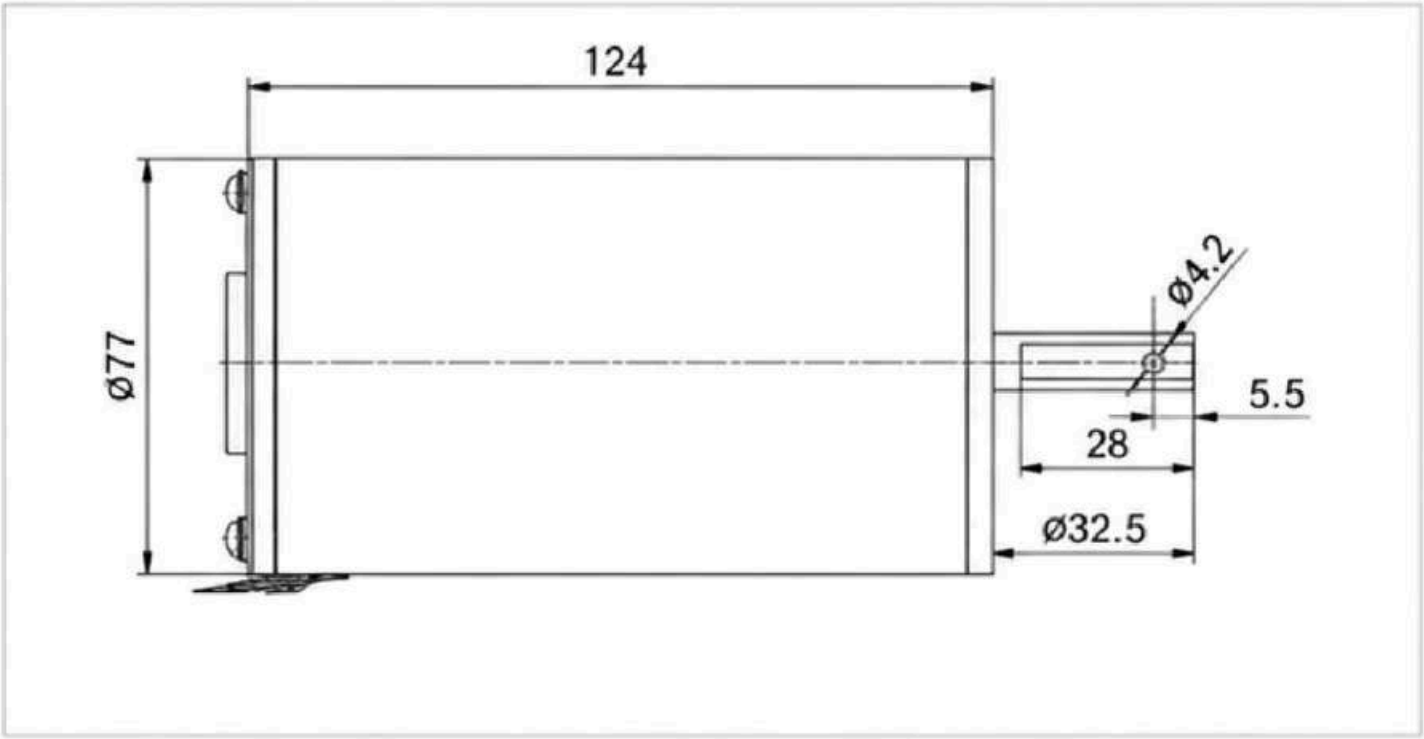
- Voltage: 6-240V (customizable)
- Power: 3-43W (customizable)
- Applications: health equipment, smart home, office automation, experimental equipment, etc.





775-162

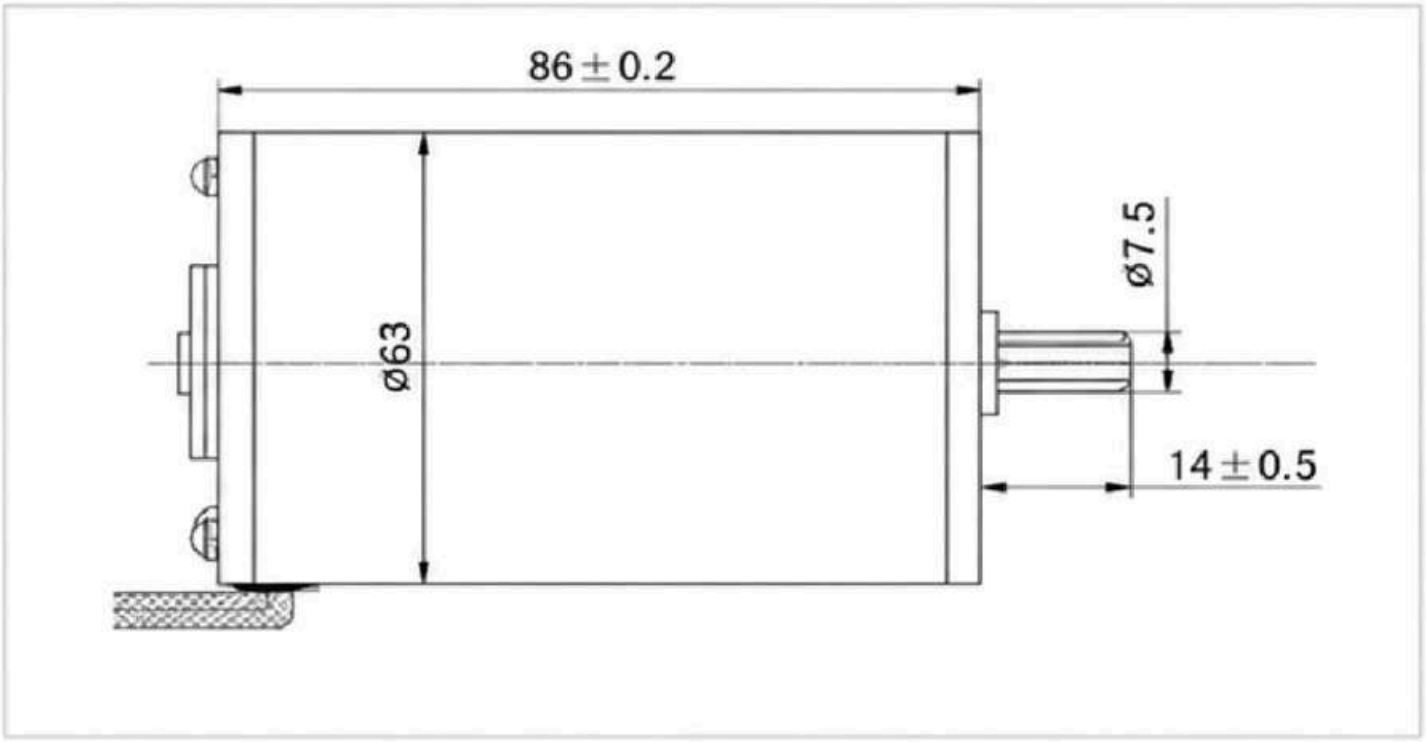
- Voltage: 24-240V (customizable)
- Power: 50-300W (customizable)
- Applications: mechanical equipment, health equipment, smart home, office automation, experimental equipment, etc.





635-150

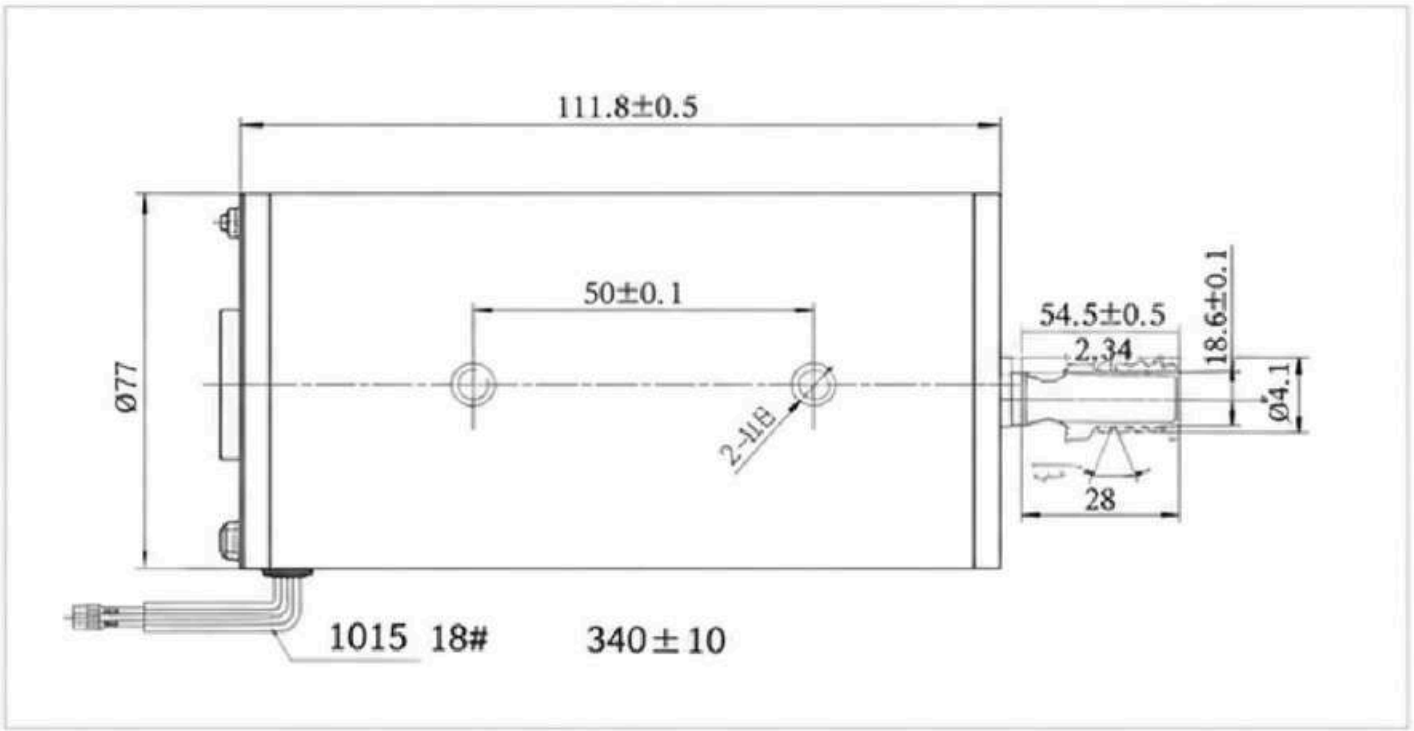
- Voltage: 12-240V (customizable)
- Power: 20-100W (customizable)
- Applications: mechanical equipment, health equipment, smart home, office automation, experimental equipment, etc.





775-140

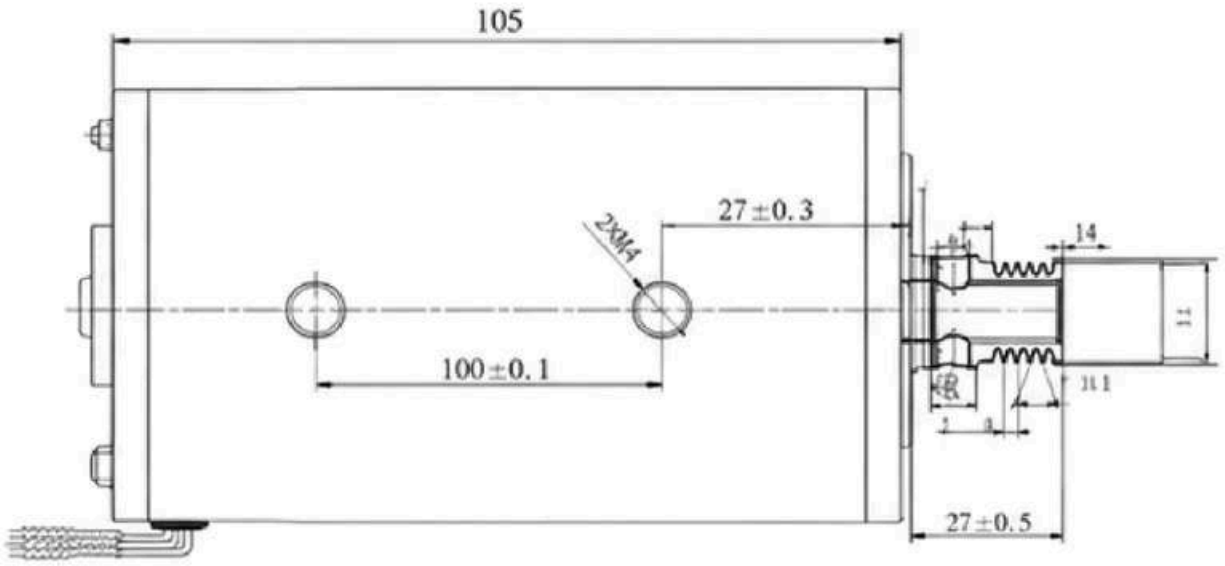
- Voltage: 24-240V (customizable)
- Power: 50-300W (customizable)
- Applications: massage vibrator health equipment (Shake machine), smart home, office automation, experimental equipment, etc.





68S-130

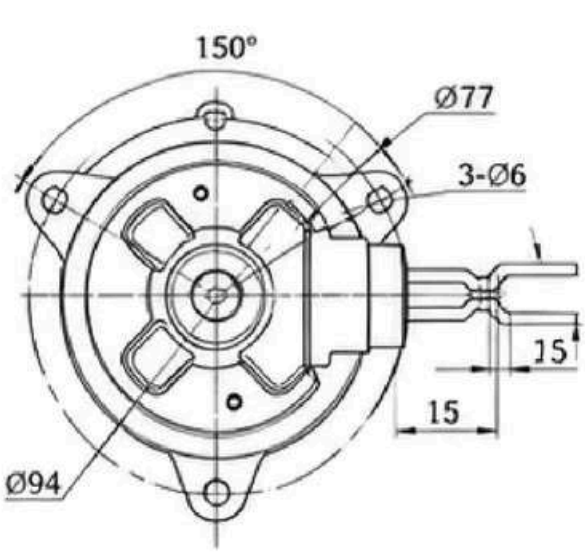
- Voltage: 12-240V (customizable)
- Power: 20-100W (customizable)
- Applications: massage vibrator health equipment (Shake machine), smart home, office automation, experimental equipment, etc.

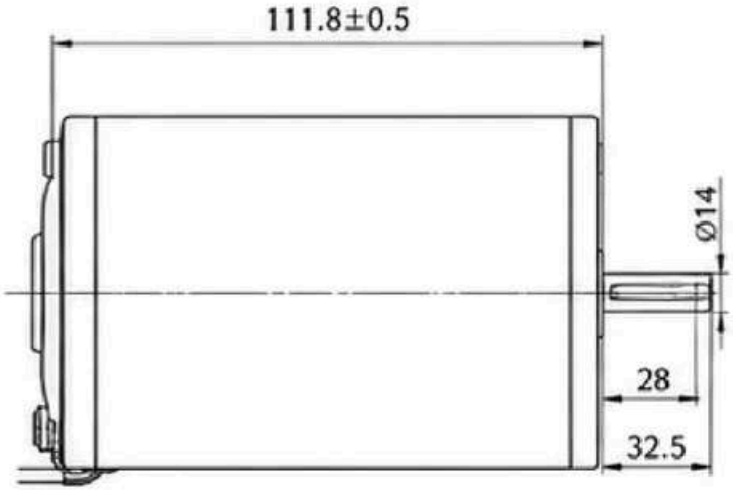




775-162

- Voltage: 12-24V (customizable)
- Power: 50-300W (customizable)
- Applications: cooling fan, ventilation equipment, air circulation systems, smart home, office automation, experimental equipment, etc.

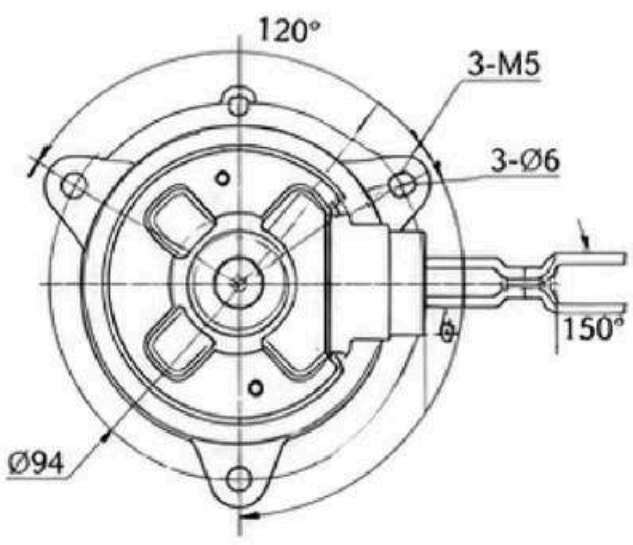


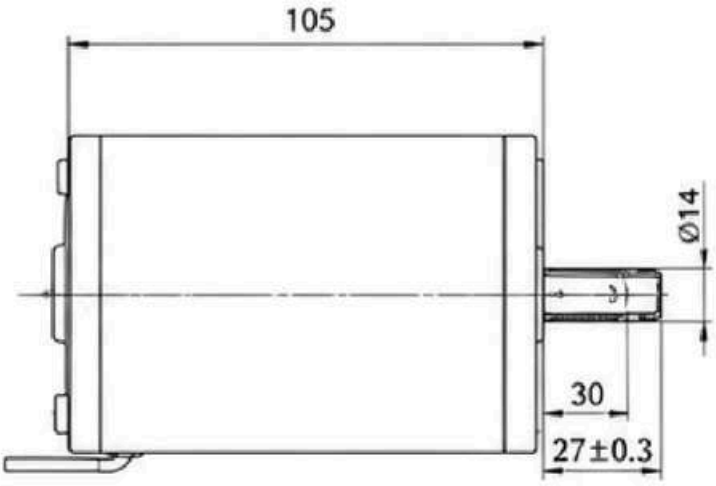




68S-130

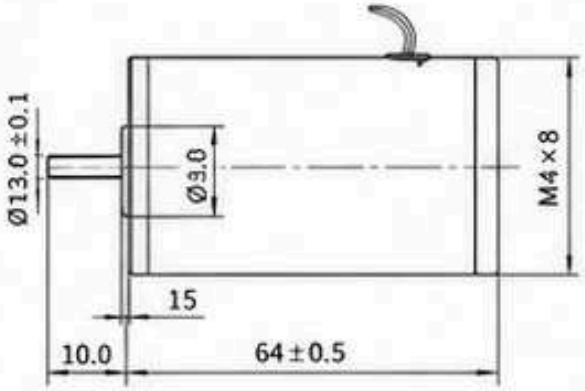
- Voltage: 12-24V (customizable)
- Power: 20-100W (customizable)
- Applications: cooling fan, ventilation equipment, air circulation systems, smart home, office automation, experimental equipment, etc.

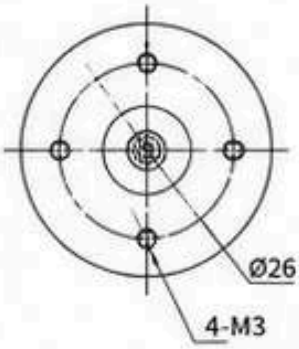




ZYT38S-64-3.2-R



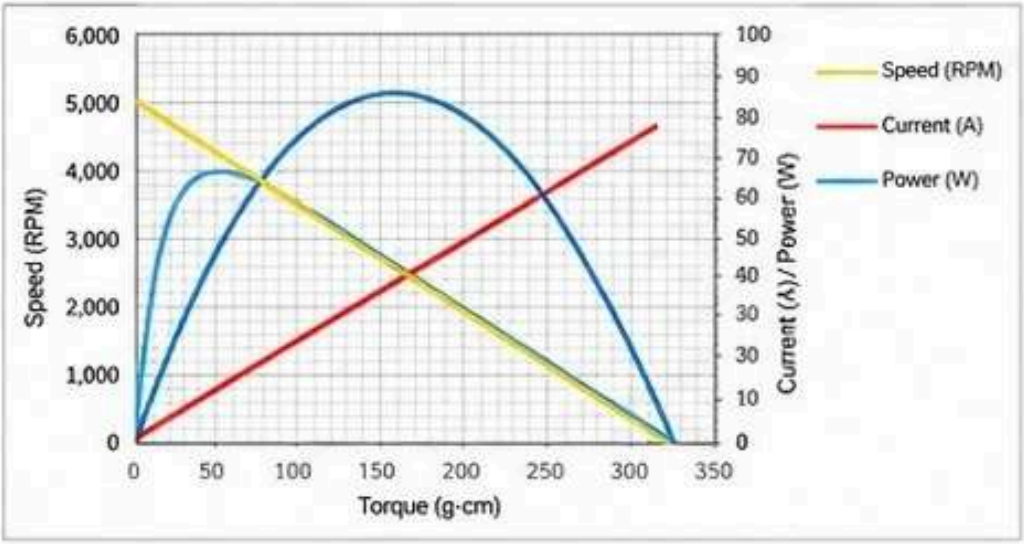




Specifications

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.231	2400	1.39	463	2316	6.9
12	5000	0.462	4000	2.77	556	2780	13.9
24	3000	0.121	2400	0.73	485	2427	3.6
24	5000	0.286	4000	1.46	516	3113	7.4

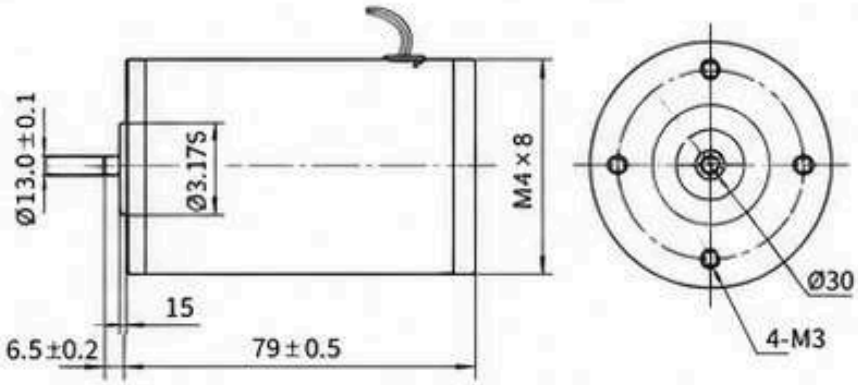
Motor Curve



Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.310 A
Maximum Efficiency	:	73.4 %
Rated Speed	:	303.0 RPM
Rated Current	:	0.50 A
Rated Torque	:	205.3 g-cm
Maximum Output Power	:	1.31 W
Stall Torque	:	1,086 g-cm
Stall Current	:	27.0 A
Torque Constant	:	247.7 mN-m/A
Speed Constant	:	196.18 RPM/V
Terminal Resistance	:	78.6 Ω
Terminal Inductance	:	79.6 mH

Our company can customize all kinds of non-standard products.
If necessary, welcome to consult at any time.

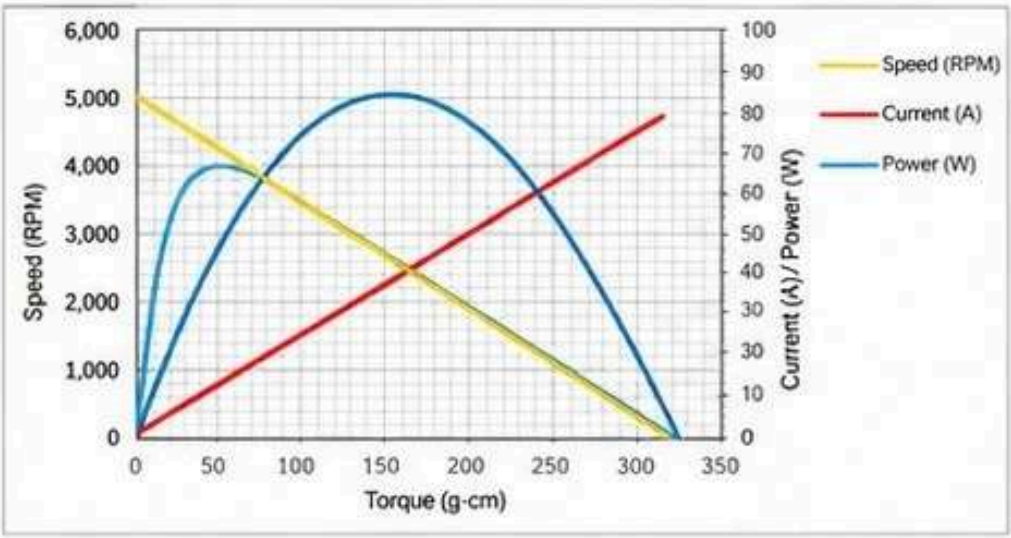




Specifications

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.252	2400	1.51	505	2527	7.6
12	5000	0.504	4000	3.02	606	3032	15.1
24	3000	0.132	2400	0.79	529	2647	4.0
24	5000	0.312	4000	1.58	563	3380	8.2

Motor Curve

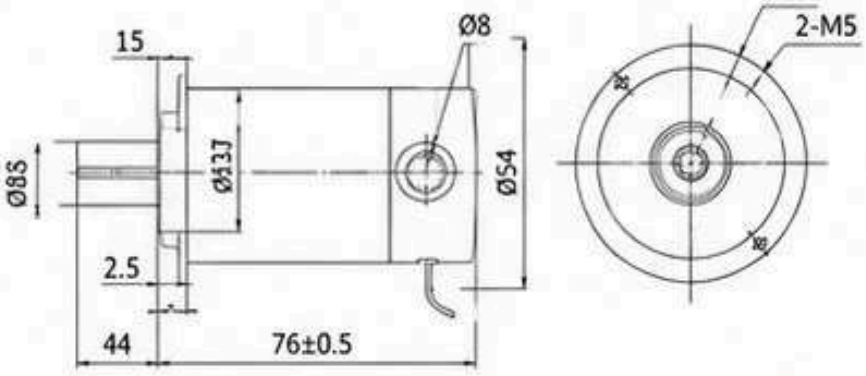


Rated Voltage	: 24 VDC
Rotation Direction	: CCW (viewed from output shaft)
No-load Current	: 0.310 A
Maximum Efficiency	: 75.4 %
Rated Speed	: 303.0 RPM
Rated Current	: 0.50 A
Rated Torque	: 205.3 g-cm
Maximum Output Power	: 1.31 W
Stall Torque	: 1,086 g-cm
Stall Current	: 27.0 A
Torque Constant	: 247.7 mN-m/A
Speed Constant	: 196.18 RPM/V
Terminal Resistance	: 78.6 Ω
Terminal Inductance	: 79.6 mH

Our company can customize all kinds of non-standard products.
If necessary, welcome to consult at any time.

ZYT54S-105-8-F-T

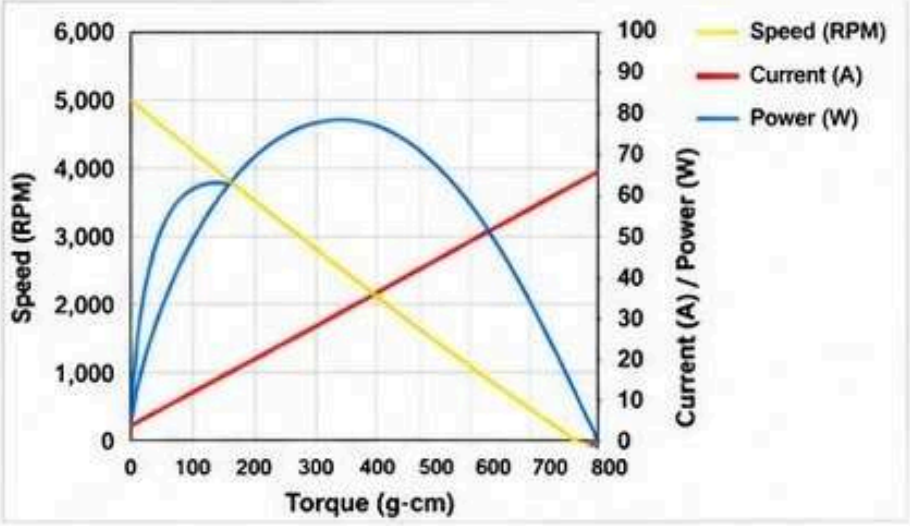




Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g·cm	Stall torque g·cm	Stall current Amp
12	3000	0.28	2400	1.65	552	2758	8.25
12	5000	0.50	4000	2.97	696	2978	14.85
24	3000	0.20	2400	1.19	794	3971	5.94
24	5000	0.34	4000	1.81	652	4096	9.70

Motor Curve

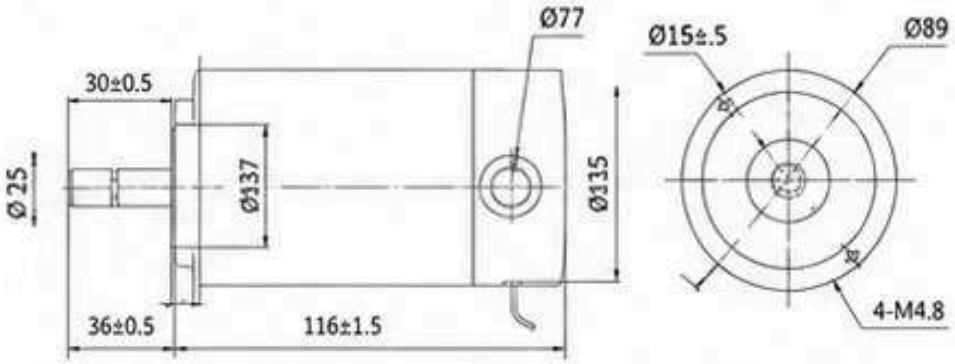


Rated voltage	:	24.00	V
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.310	A
Maximum efficiency	:	78.35	%
Rated speed	:	3162.8	RPM
Rated current	:	3.359	A
Rated torque	:	203.96	g-cm
Maximum output power		67.94	W
Stall torque	:	5533.88	g-cm
Stall current	:	33.86	A
Torque constant	:	163.51	mN-m/A
Speed constant	:	7145.48	RPM/V

Our company can customize all kinds of non-standard products, if necessary, welcome to consult at any time.

ZYT54S-116-8-R-T

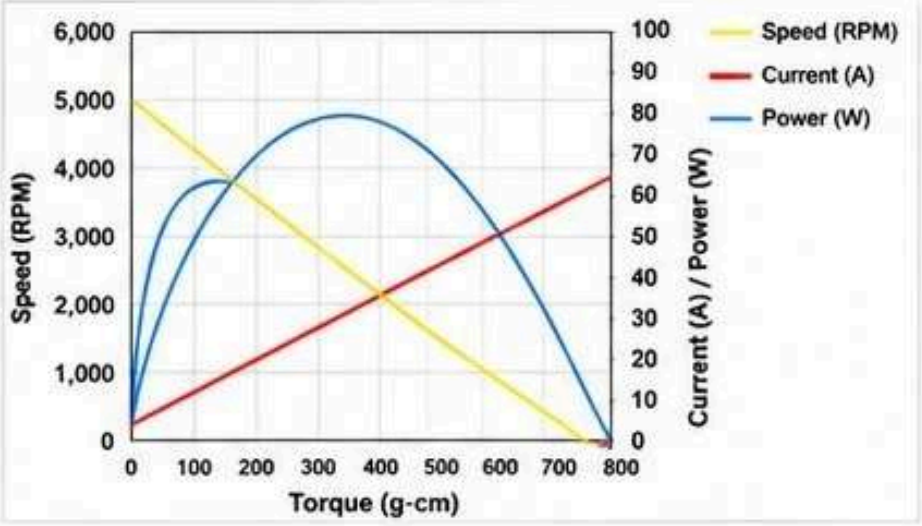




Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g·cm	Stall torque g·cm	Stall current Amp
12	3000	0.29	2400	1.73	577	2883	8.63
12	5000	0.52	4000	3.11	623	3114	15.53
24	3000	0.21	2400	1.24	830	4151	6.21
24	5000	0.36	4000	2.00	729	4758	11.20

Motor Curve

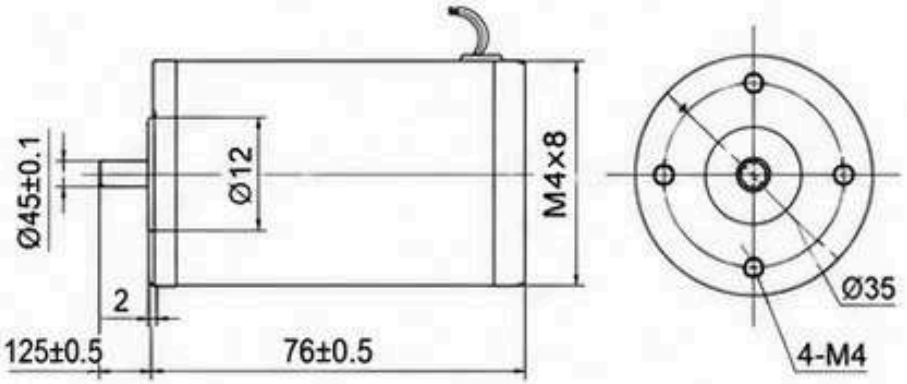


Rated voltage	:	24.00	V
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.310	A
Maximum efficiency	:	76.20	%
Rated speed	:	2496.2	RPM
Rated current	:	4.570	A
Rated torque	:	387.98	g·cm
Maximum output power	:	98.89	W
Stall torque	:	8710.02	g·cm
Stall current	:	35.26	A
Torque constant	:	244.58	mN·m/A
Speed constant	:	4341.92	RPM/V

Our company can customize all kinds of non-standard products, if necessary, welcome to consult at any time.

ZYT45S-76-5-R-T

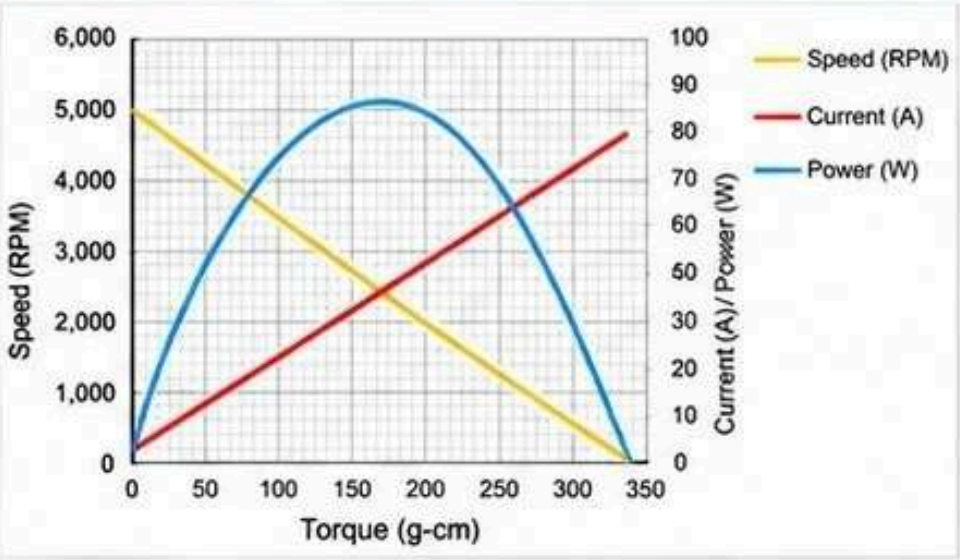




Specifications

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.26	2400	1.59	530	2652	7.94
12	5000	0.52	4000	3.11	623	3114	15.53
24	3000	0.17	2400	1.04	692	3459	5.18
24	5000	0.31	4000	1.70	615	3954	9.30

Motor Curve

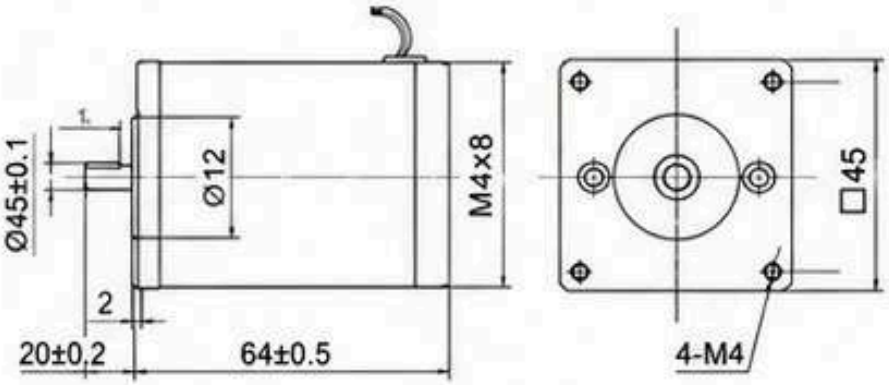


Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.310 A
Maximum Efficiency	:	73.4 %
Rated Speed	:	303.0 RPM
Rated Current	:	0.50 A
Rated Torque	:	205.3 g-cm
Maximum Output Power	:	1.31 W
Stall Torque	:	1.086 g-cm
Stall Current	:	27.0 A
Torque Constant	:	247.7 mN-m/A
Speed Constant	:	196.18 RPM/V
Terminal Resistance	:	78.6 Ω
Terminal Inductance	:	79.6 mH

Our company can customize all kinds of non-standard products.
If necessary, please feel free to contact us.

ZYT45S-64-5-F

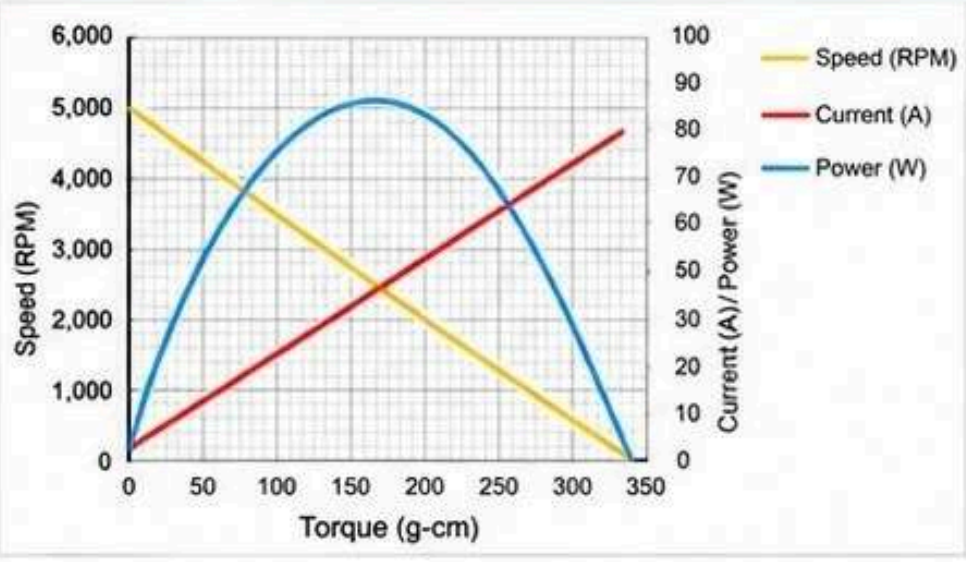




Specifications

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.23	2400	1.38	461	2306	6.90
12	5000	0.45	4000	2.70	541	2707	13.50
24	3000	0.15	2400	0.90	602	3008	4.50
24	5000	0.27	4000	1.40	500	3062	7.30

Motor Curve

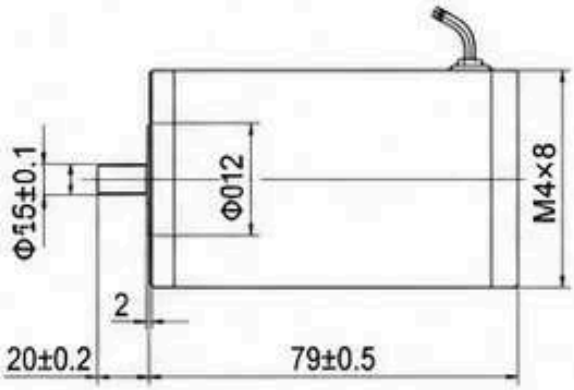


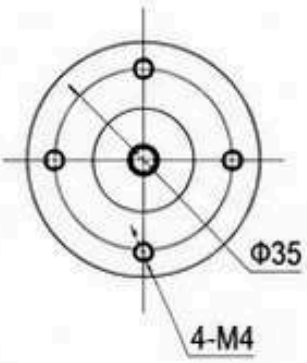
Rated Voltage	: 24 VDC
Rotation Direction	: CCW (viewed from output shaft)
No-load Current	: 0.310 A
Maximum Efficiency	: 73.4 %
Rated Speed	: 303.0 RPM
Rated Current	: 0.50 A
Rated Torque	: 205.3 g-cm
Maximum Output Power	: 1.31 W
Stall Torque	: 1.086 g-cm
Stall Current	: 27.0 A
Torque Constant	: 247.7 mN·m/A
Speed Constant	: 196.18 RPM/V
Terminal Resistance	: 78.6 Ω
Terminal Inductance	: 79.6 mH

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If necessary, please feel free to contact us.

ZYT45S-79-5-R Waterproof



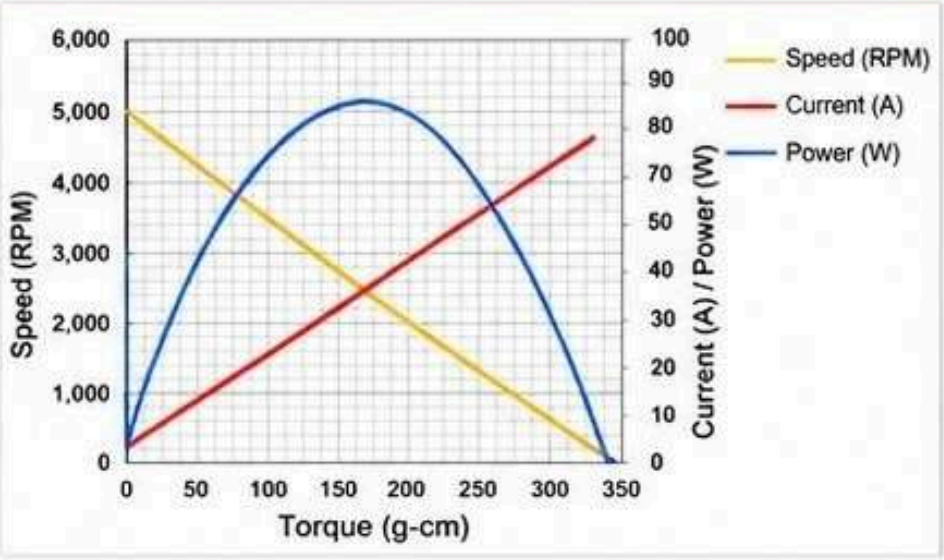




Specifications

Voltage (VDC)	No-load speed (Rpm)	No-load current (A)	Rated speed (Rpm)	Rated current (A)	Rated Torque (g·cm)	Stall Torque (g·cm)	Stall current (A)
12	3000	0.28	2400	1.67	557	2785	8.33
12	5000	0.54	4000	3.26	654	3269	16.30
24	3000	0.18	2400	1.09	726	3632	5.43
24	5000	0.33	4000	1.84	669	4361	10.20

Motor Curve

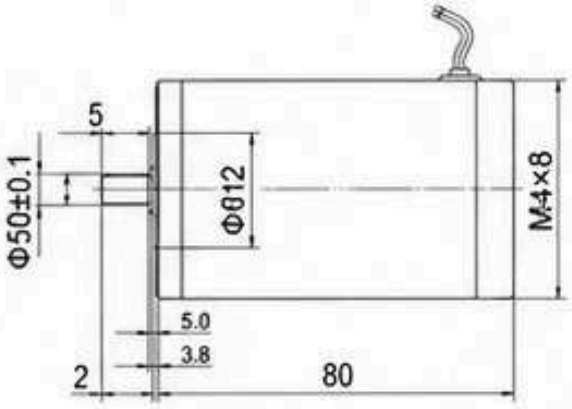


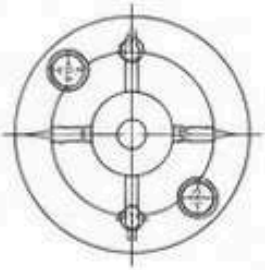
Rated Voltage	: 24 VDC
Rotation Direction	: CCW (viewed from output shaft)
No-load Current	: 0.310 A
Maximum Efficiency	: 73.4%
Rated Speed	: 303.0 RPM
Rated Current	: 0.50 A
Rated Torque	: 205.3 g-cm
Maximum Output Power	: 1.31 W
Stall Torque	: 1,086 g-cm
Stall Current	: 27.0 A
Torque Constant	: 247.7 mN·m/A
Speed Constant	: 196.18 RPM/V
Terminal Resistance	: 78.6 Ω
Terminal Inductance	: 79.6 mH

Our company can customize all kinds of non-standard products, if necessary.welcome to consult at any time.

ZYT50S-80-6-R Dual Output Shaft



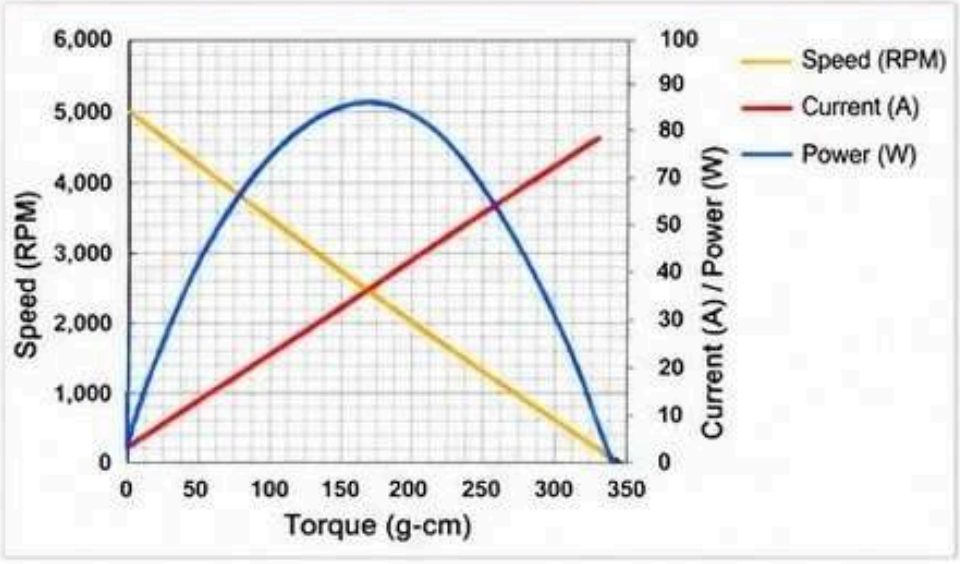




Specifications

Voltage (VDC)	No-load speed (Rpm)	No-load current (A)	Rated speed (Rpm)	Rated current (A)	Rated Torque (g·cm)	Stall Torque (g·cm)	Stall current (A)
12	3000	0.42	2400	2.10	702	3510	10.50
12	5000	0.87	4000	4.35	872	4362	21.75
24	3000	0.26	2400	1.30	869	4345	6.50
24	5000	0.52	4000	2.38	813	4459	10.92

Motor Curve

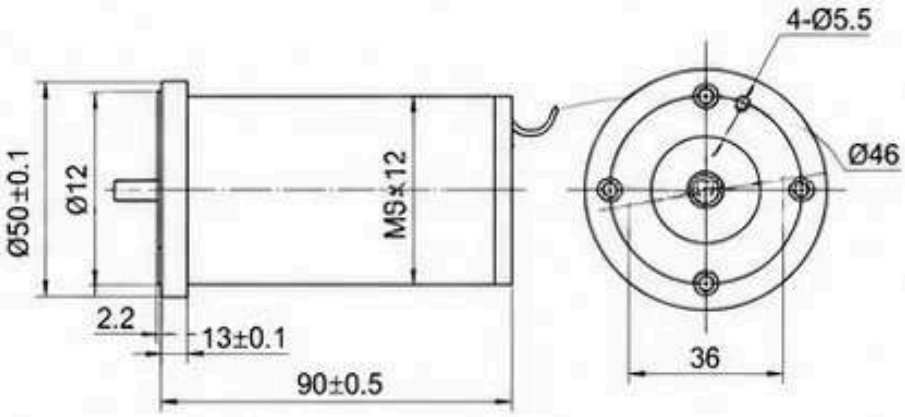


Rated Voltage	: 24 VDC
Rotation Direction	: CCW (viewed from output shaft)
No-load Current	: 0.310 A
Maximum Efficiency	: 73.4 %
Rated Speed	: 303.0 RPM
Rated Current	: 0.50 A
Rated Torque	: 205.3 g-cm
Maximum Output Power	: 1.31 W
Stall Torque	: 1,086 g-cm
Stall Current	: 27.0 A
Torque Constant	: 247.7 mN·m/A
Speed Constant	: 196.18 RPM/V
Terminal Resistance	: 78.6 Ω
Terminal Inductance	: 79.6 mH

Our company can customize all kinds of non-standard products, if necessary.welcome to consult at any time.

ZYT50S-90-8-R

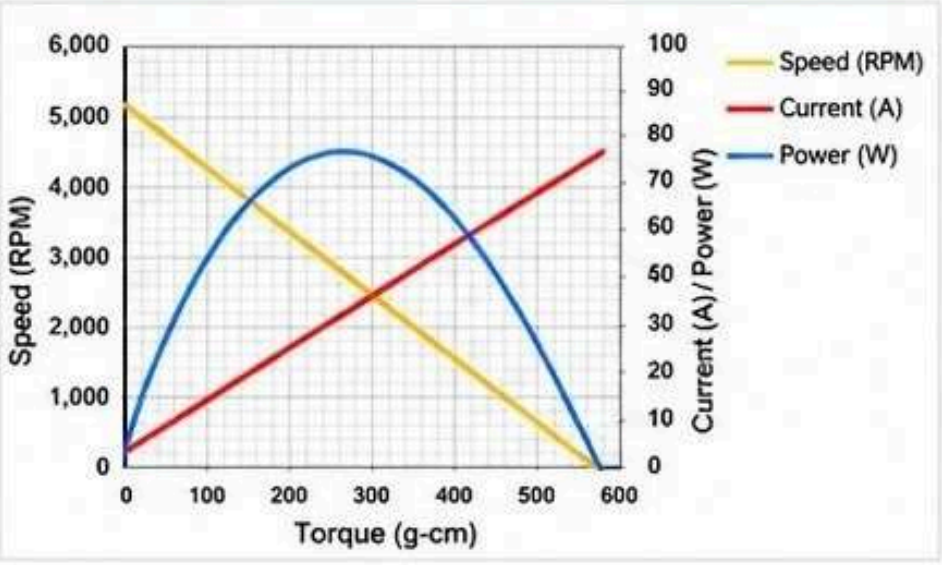




Specifications

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.48	2400	2.42	807	4036	12.08
12	5000	1.00	4000	5.00	1003	5016	25.01
24	3000	0.30	2400	1.50	999	4997	7.48
24	5000	0.60	4000	2.70	922	5003	12.30

Motor Curve

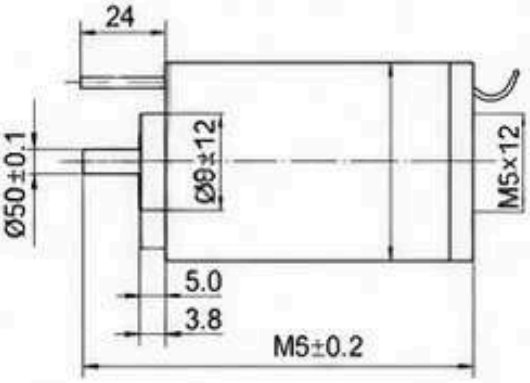


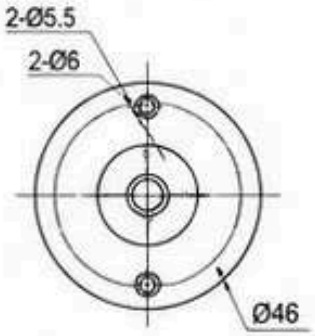
Rated Voltage	: 24 VDC
Rotation Direction	: CCW (viewed from output shaft)
No-load Current	: 0.310 A
Maximum Efficiency	: 73.4 %
Rated Speed	: 303.0 RPM
Rated Current	: 0.50 A
Rated Torque	: 205.3 g-cm
Maximum Output Power	: 1.31 W
Stall Torque	: 1.086 g-cm
Stall Current	: 27.0 A
Torque Constant	: 247.7 mN·m/A
Speed Constant	: 196.18 RPM/V
Terminal Resistance	: 78.6 Ω
Terminal Inductance	: 79.6 mH

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ZYT51S-80-8-R



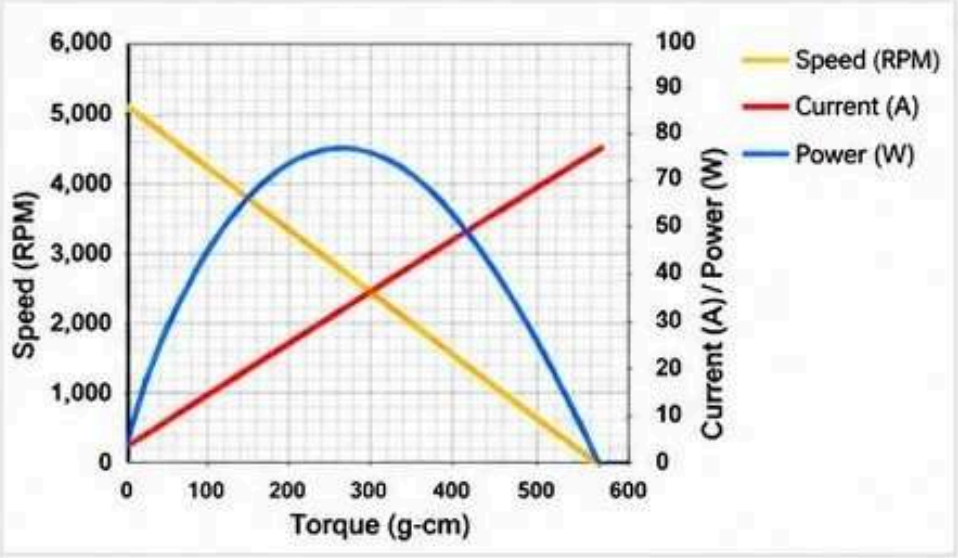




Specifications

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.56	2400	1.69	564	2820	8.44
12	5000	1.03	4000	5.13	1028	5139	25.63
24	3000	0.33	2400	0.98	652	3259	4.88
24	5000	0.65	4000	2.98	1016	5576	13.65

Motor Curve

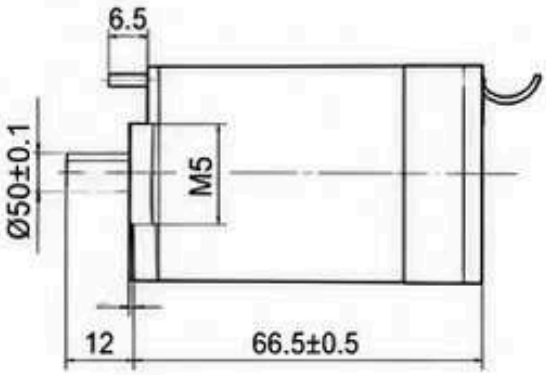


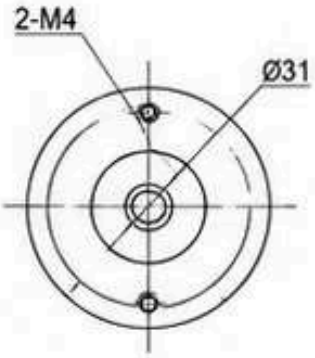
Rated Voltage	: 24 VDC
Rotation Direction	: CCW (viewed from output shaft)
No-load Current	: 0.310 A
Maximum Efficiency	: 73.4 %
Rated Speed	: 303.0 RPM
Rated Current	: 0.50 A
Rated Torque	: 205.3 g-cm
Maximum Output Power	: 1.31 W
Stall Torque	: 1.086 g-cm
Stall Current	: 27.0 A
Torque Constant	: 247.7 mN-m/A
Speed Constant	: 196.18 RPM/V
Terminal Resistance	: 78.6 Ω
Terminal Inductance	: 79.6 mH

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT51S-66.5-8-R



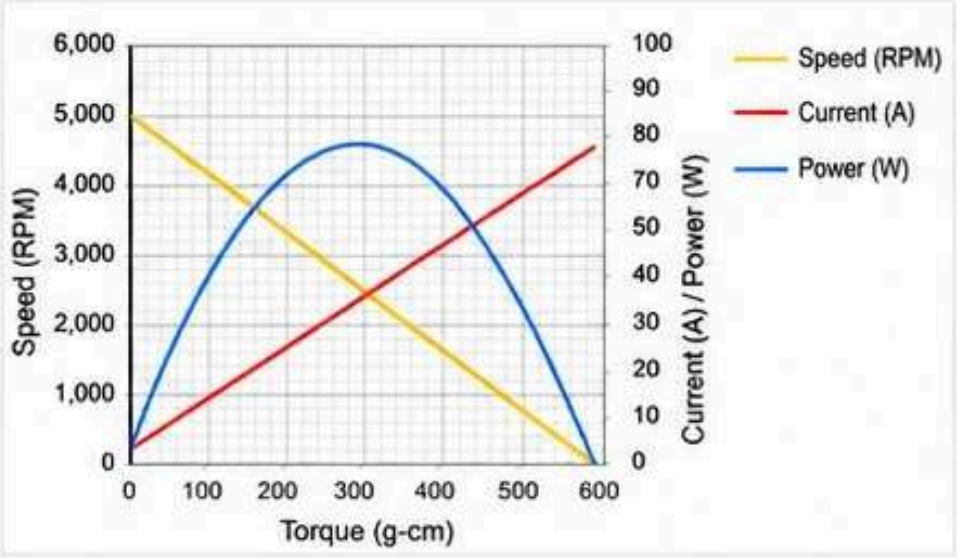




Specifications

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.45	2400	1.35	451	2256	6.75
12	5000	0.82	4000	4.10	822	4111	20.50
24	3000	0.26	2400	0.78	521	2607	3.90
24	5000	0.52	4000	2.38	813	4459	10.90

Motor Curve

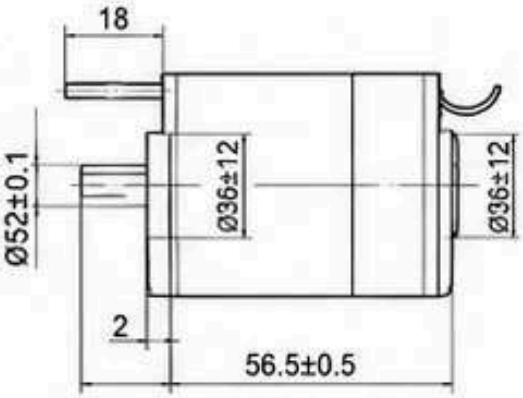


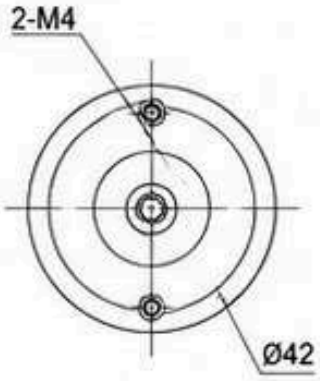
Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.340 A
Maximum Efficiency	:	73.4 %
Rated Speed	:	260.0 RPM
Rated Current	:	1.05 A
Rated Torque	:	294.9 g-cm
Maximum Output Power	:	0.69 W
Stall Torque	:	1,134 g-cm
Stall Current	:	6.29 A
Torque Constant	:	52.5 mN·m/A
Speed Constant	:	260.0 RPM/V
Terminal Resistance	:	3.81 Ω
Terminal Inductance	:	112.13 mH

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT52S-56.5-R



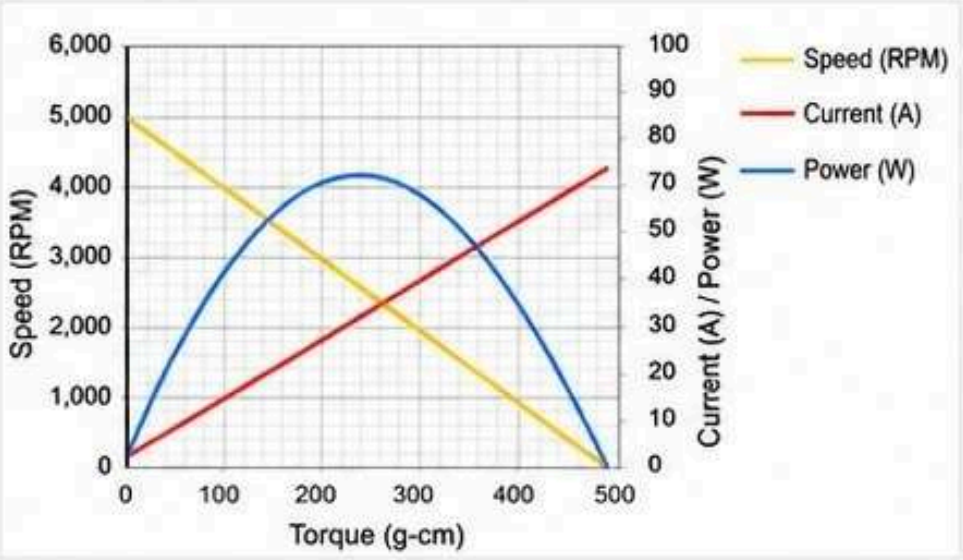




Specifications

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.22	2400	0.88	294	1471	4.40
12	5000	0.65	4000	2.60	521	2607	13.00
24	3000	0.15	2400	0.60	401	2006	3.00
24	5000	0.36	4000	1.36	438	2146	5.44

Motor Curve

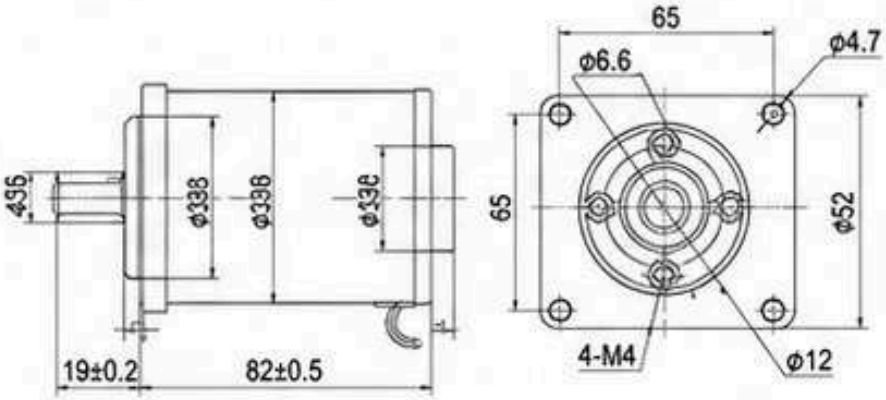


Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.340 A
Maximum Efficiency	:	73.4 %
Rated Speed	:	246.0 RPM
Rated Current	:	0.65 A
Rated Torque	:	242.3 g-cm
Maximum Output Power	:	0.62 W
Stall Torque	:	950.9 g-cm
Stall Current	:	2.79 A
Torque Constant	:	81.8 mN·m/A
Speed Constant	:	256.7 RPM/V
Terminal Resistance	:	8.61 Ω
Terminal Inductance	:	2364.04 mH

Our company can customize all kinds of non-standard products, if necessary, please feel free to contact us.

ZYT52S-82-8-F

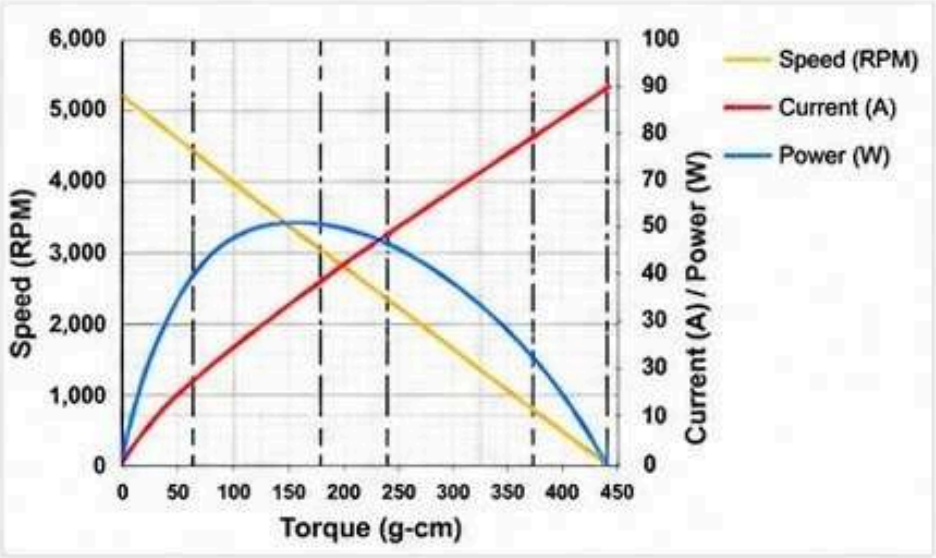




Specifications Datasheet

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.29	2400	1.43	478	2390	7.15
12	5000	0.85	4000	4.23	847	4237	21.13
24	3000	0.20	2400	0.98	652	3259	4.88
24	5000	0.47	4000	2.15	735	4033	9.87

Motor Curve

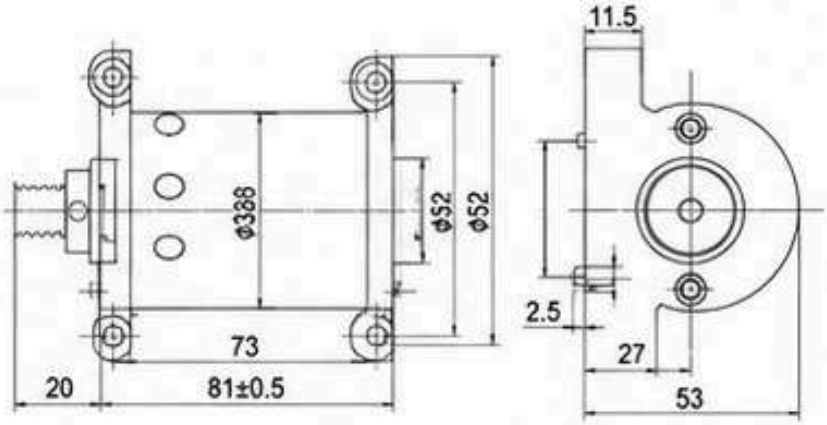


Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.310 A
Maximum Efficiency	:	83.27 %
Rated Speed	:	2457.7 RPM
Rated Current	:	0.875 A
Rated Torque	:	419.4 g-cm
Maximum Output Power	:	2.61 W
Stall Torque	:	1219.3 g-cm
Stall Current	:	9.575 A
Torque Constant	:	126.6 mN·m/A
Speed Constant	:	134.3 RPM/V
Terminal Resistance	:	2.52 Ω
Terminal Inductance	:	1236.52 mH

Our company can customize all kinds of non-standard products, if necessary, welcome to consult at any time.

ZYT52S-82

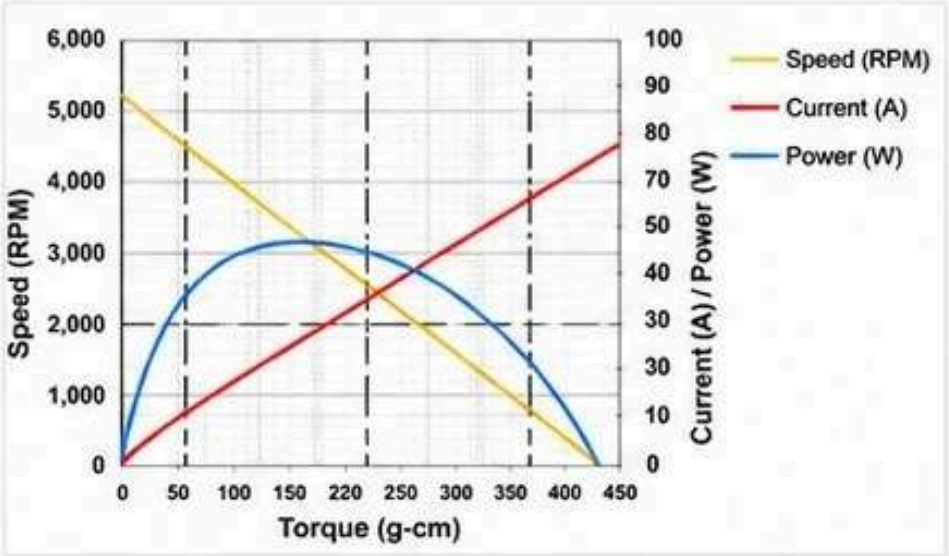




Specifications Datasheet

Voltage (VDC)	No-load Speed (RPM)	No-load Current (A)	Rated Speed (RPM)	Rated Current (A)	Rated Torque (g-cm)	Stall Torque (g-cm)	Stall Current (A)
12	3000	0.31	2400	1.57	526	2629	7.87
12	5000	0.93	4000	4.65	932	4660	23.24
24	3000	0.21	2400	1.07	717	3585	5.36
24	5000	0.51	4000	2.34	798	4376	10.71

Motor Curve

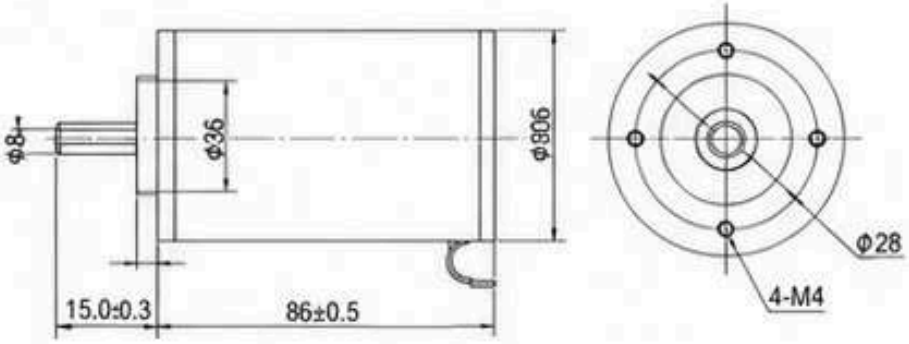


Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.600 A
Maximum Efficiency	:	73.77 %
Rated Speed	:	2615.7 RPM
Rated Current	:	1.423 A
Rated Torque	:	328.6 g-cm
Maximum Output Power	:	2.2 W
Stall Torque	:	1009.6 g-cm
Stall Current	:	3.773 A
Torque Constant	:	35.5 mN-m/A
Speed Constant	:	61.8 RPM/V
Terminal Resistance	:	22.65 Ω
Terminal Inductance	:	1124.68 mH

Our company can customize all kinds of non-standard products, if necessary, welcome to consult at any time.

ZYT52S-85-8-R

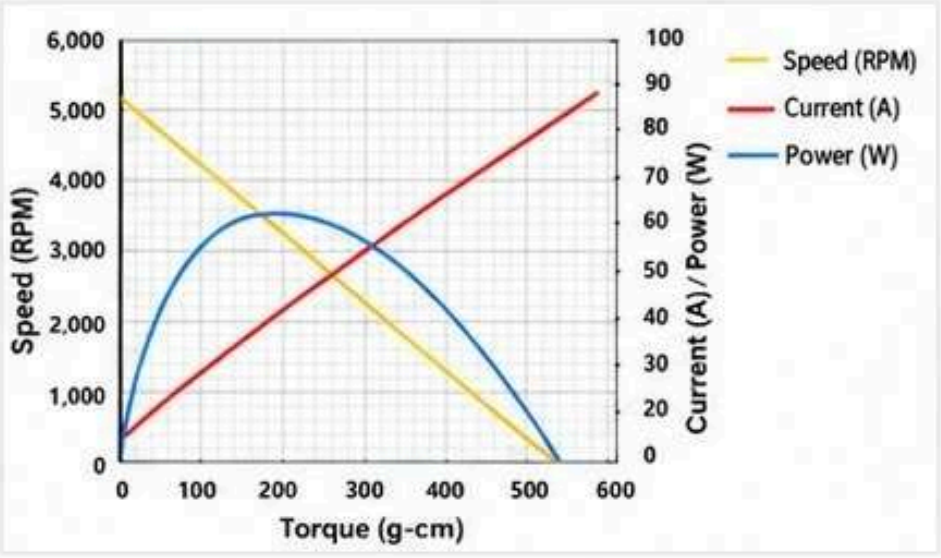




Specifications Datasheet

Voltage (VDC)	No-load speed (RPM)	No-load current (A)	Rated speed (RPM)	Rated current (A)	Rated torque (g-cm)	Stall torque (g-cm)	Stall current (A)
12	3000	0.30	2400	1.49	496	2482	7.43
12	5000	0.88	4000	4.39	880	4400	21.94
24	3000	0.20	2400	1.01	677	3384	5.06
24	5000	0.49	4000	2.38	828	4762	11.50

Motor Curve

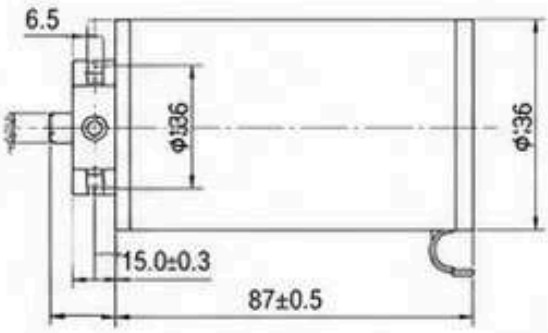


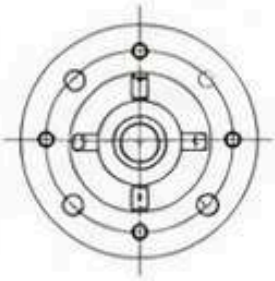
Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.310 A
Maximum Efficiency	:	73.4 %
Rated Speed	:	303.0 RPM
Rated Current	:	0.50 A
Rated Torque	:	205.3 g-cm
Maximum Output Power	:	1.31 W
Stall Torque	:	1,086 g-cm
Stall Current	:	27.0 A
Torque Constant	:	247.7 mN·m/A
Speed Constant	:	196.18 RPM/V
Terminal Resistance	:	78.6 Ω
Terminal Inductance	:	79.6 mH

Our company can customize all kinds of non-standard products, if necessary, welcome to consult at any time.

ZYT52S-87-8-R



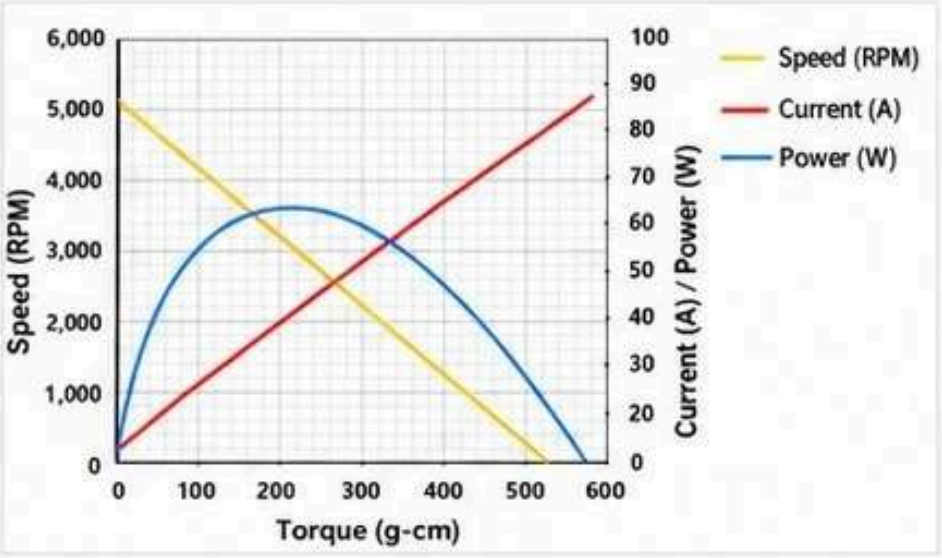




Specifications Datasheet

Voltage (VDC)	No-load speed (RPM)	No-load current (A)	Rated speed (RPM)	Rated current (A)	Rated torque (g-cm)	Stall torque (g-cm)	Stall current (A)
12	3000	0.31	2400	1.56	521	2606	7.80
12	5000	0.92	4000	4.61	924	4620	20.73
24	3000	0.21	2400	1.06	711	3553	5.32
24	5000	0.51	4000	2.39	824	4606	11.22

Motor Curve

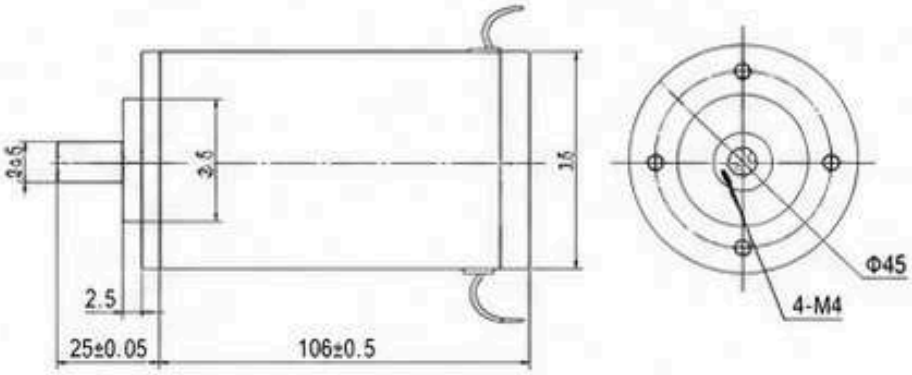


Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.310 A
Maximum Efficiency	:	73.4 %
Rated Speed	:	303.0 RPM
Rated Current	:	0.50 A
Rated Torque	:	205.3 g-cm
Maximum Output Power	:	1.31 W
Stall Torque	:	1,086 g-cm
Stall Current	:	27.0 A
Torque Constant	:	247.7 mN-m/A
Speed Constant	:	196.18 RPM/V
Terminal Resistance	:	78.6 Ω
Terminal Inductance	:	79.6 mH

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT54S-106-6-R

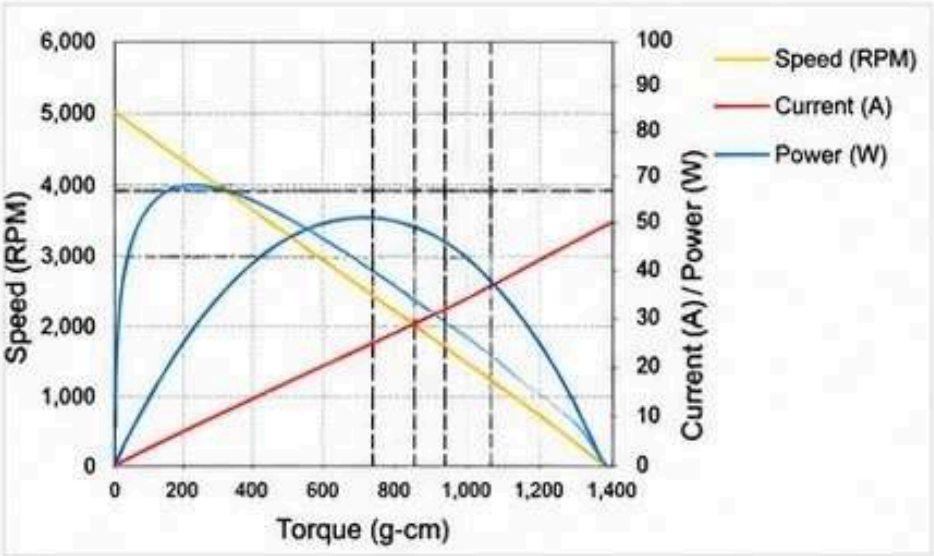




Specifications Datasheet

Voltage (VDC)	No-load speed (RPM)	No-load current (A)	Rated speed (RPM)	Rated current (A)	Rated torque (g-cm)	Stall torque (g-cm)	Stall current (A)
12	3000	0.52	2400	4.68	1564	7821	23.40
12	5000	0.82	4000	6.15	1233	6167	49.20
24	3000	0.21	2400	1.89	1263	6317	15.12
24	5000	0.52	4000	3.30	1256	9354	21.32

Motor Curve

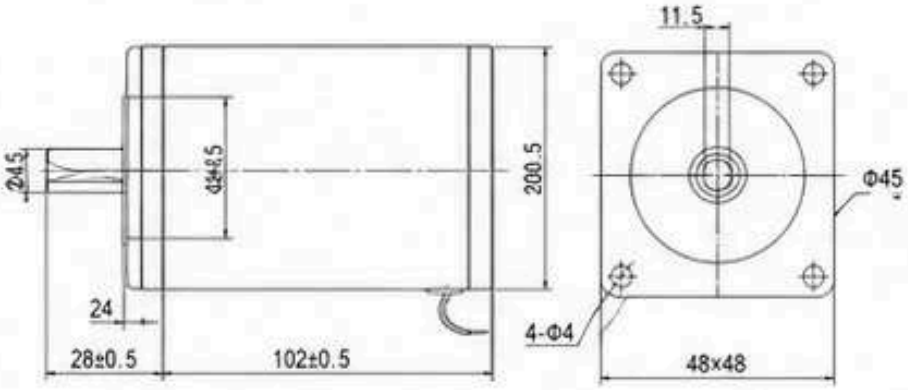


Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.310 A
Maximum Efficiency	:	73.4 %
Rated Speed	:	303.0 RPM
Rated Current	:	0.50 A
Rated Torque	:	205.3 g-cm
Maximum Output Power	:	1.31 W
Stall Torque	:	1,086 g-cm
Stall Current	:	27.0 A
Torque Constant	:	247.7 mN·m/A
Speed Constant	:	196.18 RPM/V
Terminal Resistance	:	78.6 Ω
Terminal Inductance	:	79.6 mH

Our company can customize all kinds of non-standard products, if necessary, welcome to consult at any time.

ZYT54S-102-8-F

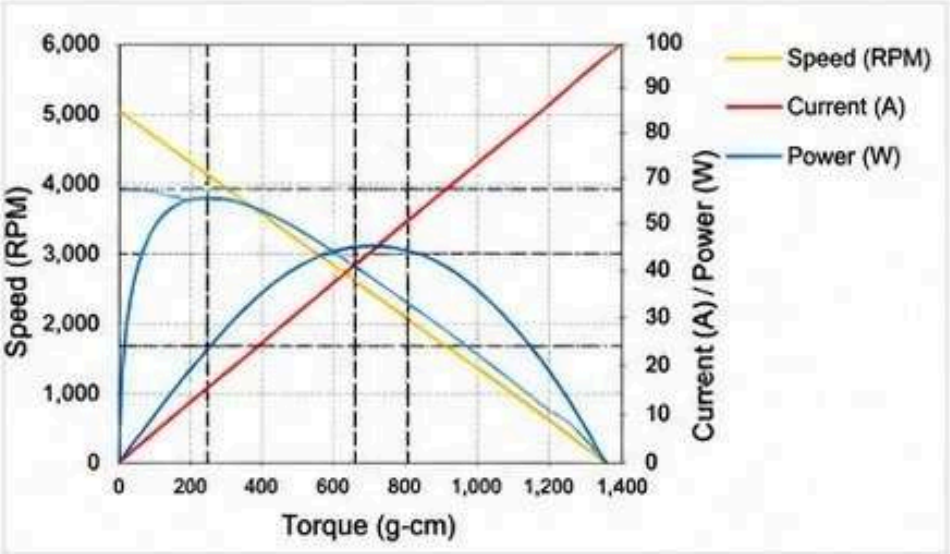




Specifications Datasheet

Voltage (VDC)	No-load speed (RPM)	No-load current (A)	Rated speed (RPM)	Rated current (A)	Rated torque (g-cm)	Stall torque (g-cm)	Stall current (A)
12	3000	0.47	2400	4.21	1408	7039	21.06
12	5000	0.74	4000	5.54	1110	5550	44.28
24	3000	0.19	2400	1.70	1137	5686	13.61
24	5000	0.47	4000	3.00	824	8453	19.27

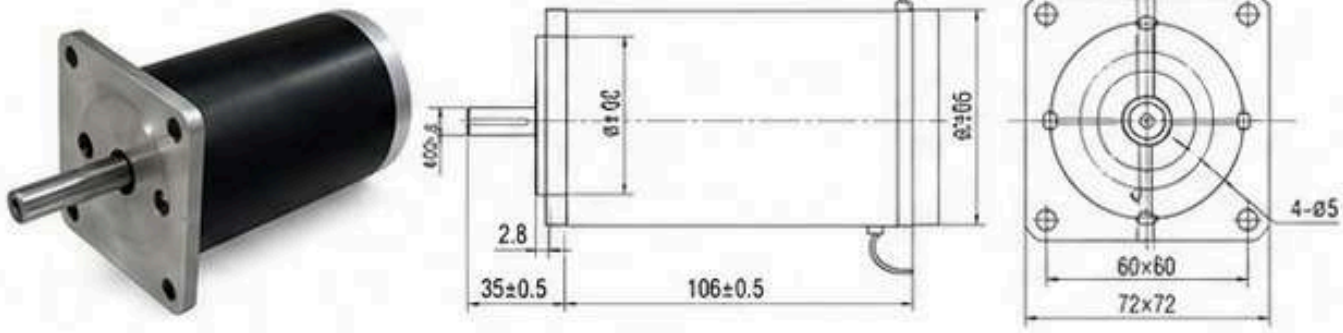
Motor Curve



Rated Voltage	:	24 VDC
Rotation Direction	:	CCW (viewed from output shaft)
No-load Current	:	0.600 A
Maximum Efficiency	:	73.77 %
Rated Speed	:	2615.7 RPM
Rated Current	:	1.423 A
Rated Torque	:	328.6 g-cm
Maximum Output Power	:	2.2 W
Stall Torque	:	1009.6 g-cm
Stall Current	:	3.773 A
Torque Constant	:	35.5 mN·m/A
Speed Constant	:	61.8 RPM/V
Terminal Resistance	:	22.65 Ω
Terminal Inductance	:	1124.68 mH

Our company can customize all kinds of non-standard products, if necessary, welcome to consult at any time.

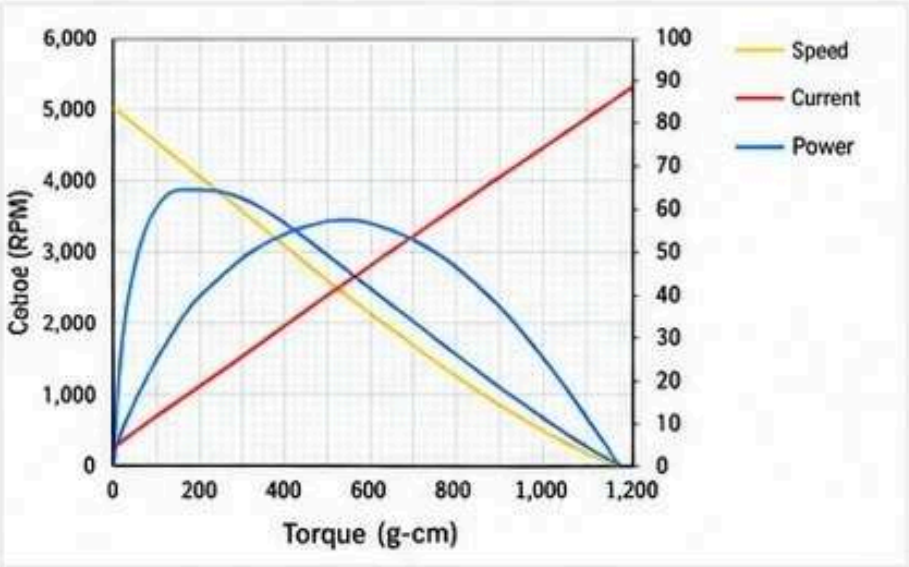
ZYT54S-105-8-F



Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated Torque g.cm	Stall Torque g.cm	Stall current Amp
12	3000	0.49	2400	4.45	1486	7430	22.23
12	5000	0.78	4000	7.01	1406	7030	49.08
24	3000	0.20	2400	1.80	1200	6001	14.36
24	5000	0.49	4000	3.17	1202	9050	20.58

Motor Curve

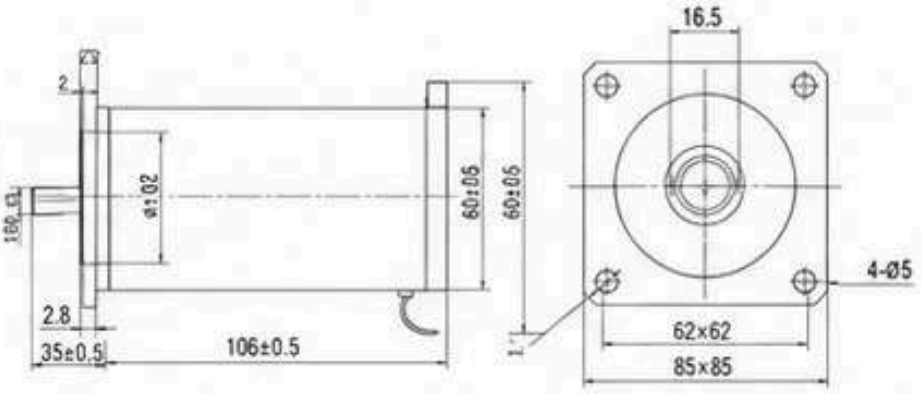


Constant voltage	: 24.00	Volts
Rotation direction	: CCW/CW	
No-load speed	: 5000.0	RPM
No-load current	: 0.490	AMPS
Maximum efficiency	: 75.8	%
Rated speed	: 3950.8	RPM
Rated current	: 3.603	AMPS
Rated torque	: 448.80	g-cm
Maximum output power	: 104.7	W
Stall torque	: 1035.7	g-cm
Stall current	: 10.94	AMPS
Torque constant	: 55.9	mN-m/A
Speed constant	: 554.8	RPM/V

Our company can customize all kind of non-standard products, if necessary.welcome to consult at any time.

ZYT54S-106-6-F

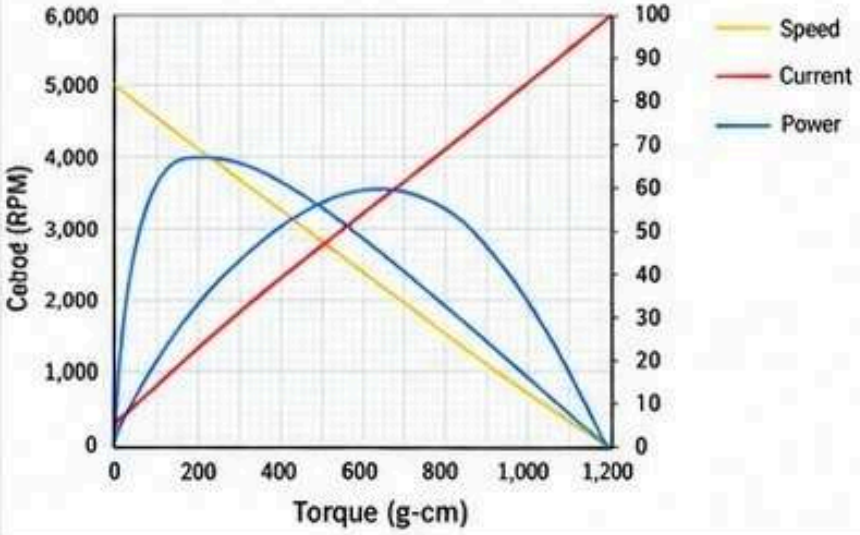




Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated Torque g.cm	Stall Torque g.cm	Stall current Amp
12	3000	0.42	2400	3.74	1251	6257	18.72
12	5000	0.66	4000	4.59	921	4605	32.14
24	3000	0.17	2400	1.51	1011	5054	12.10
24	5000	0.42	4000	2.60	976	7051	16.17

Motor Curve

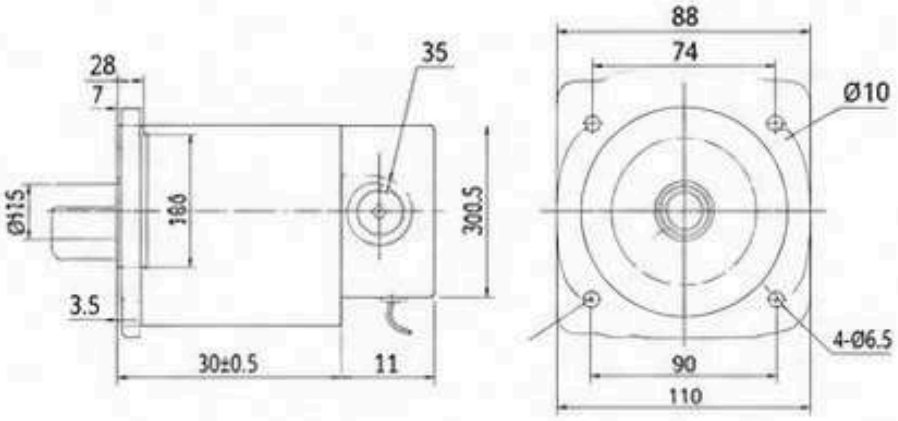


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.420	AMPS
Maximum efficiency	:	70.2	%
Rated speed	:	3715.6	RPM
Rated current	:	2.090	AMPS
Rated torque	:	382.9	g-cm
Maximum output power	:	149.0	W
Stall torque	:	3327.5	g-cm
Stall current	:	9.89	AMPS
Torque constant	:	43.6	mN-m/A
Speed constant	:	55.8	RPM/V

Our company can customize all kind of non-standard products, if necessary.welcome to consult at any time.

ZYT54S-105-8-F-T

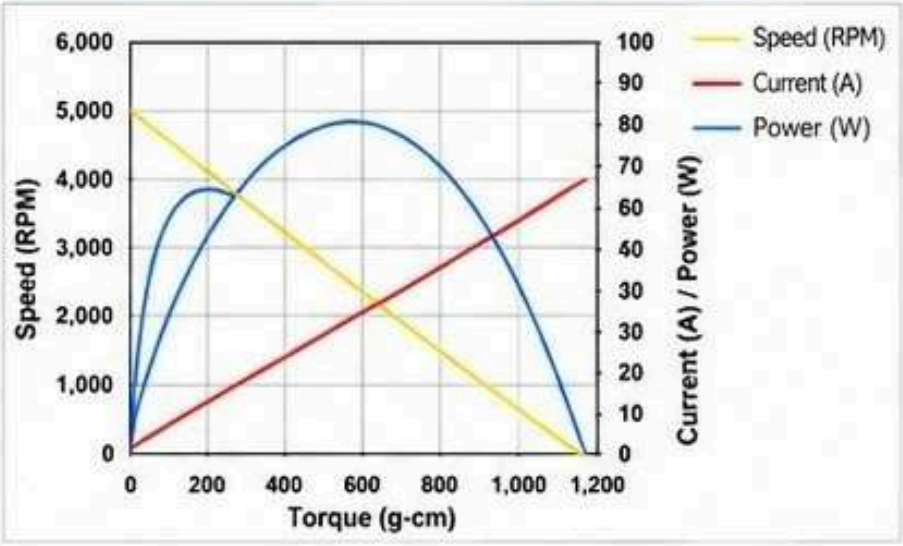




Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g·cm	Stall torque g·cm	Stall current Amp
12	3000	0.41	2400	3.65	1220	6101	18.25
12	5000	0.64	4000	3.84	770	3848	26.86
24	3000	0.16	2400	1.47	986	4928	11.79
24	5000	0.41	4000	2.51	937	6689	15.38

Motor Curve

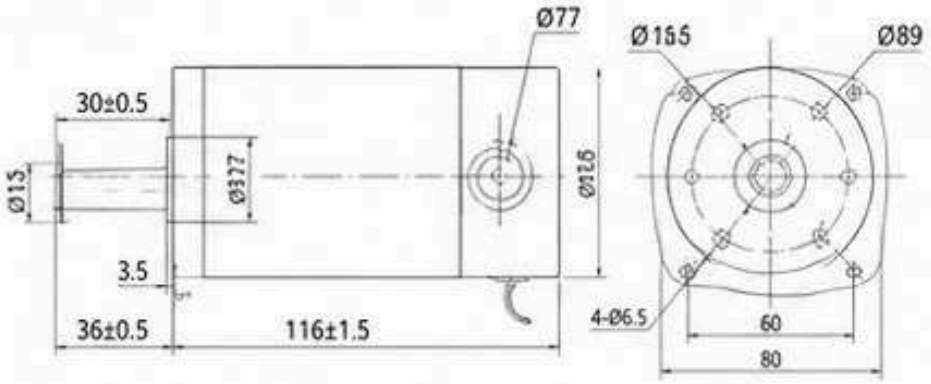


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.680	A
Maximum efficiency	:	68.95	%
Rated speed	:	3162.8	RPM
Rated current	:	3.359	A
Rated torque	:	203.96	g-cm
Maximum output power	:	67.94	W
Stall torque	:	5533.88	g-cm
Stall current	:	33.86	A
Torque constant	:	163.51	mN-m/A
Speed constant	:	7145.48	RPM/V

Our company can customize all kinds of non-standard products, if necessary, welcome to consult at any time.

ZYT54S-116-8-R-T

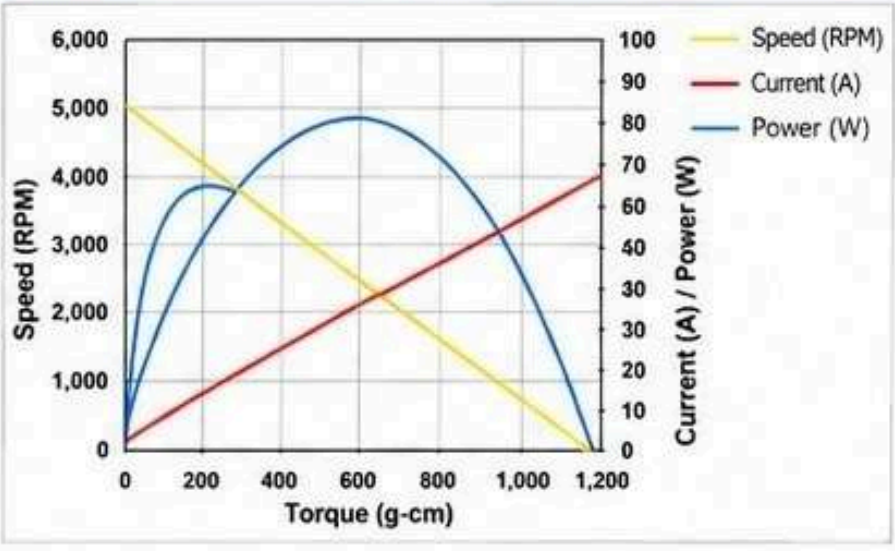




Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.60	2400	5.38	1799	8995	26.91
12	5000	0.94	4000	7.07	1418	7092	56.58
24	3000	0.24	2400	2.17	1453	7265	17.39
24	5000	0.60	4000	3.98	1503	11515	26.00

Motor Curve

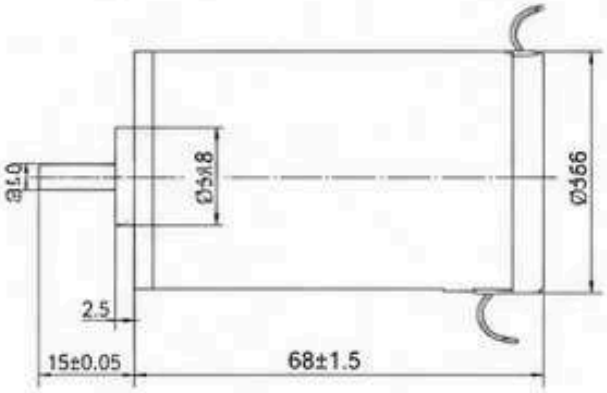


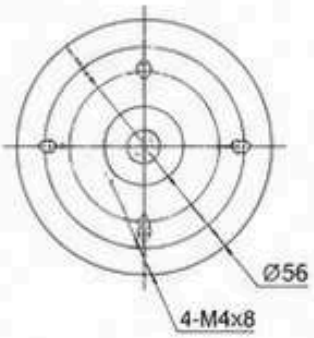
Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.940	A
Maximum efficiency	:	76.20	%
Rated speed	:	2496.2	RPM
Rated current	:	4.570	A
Rated torque	:	387.98	g-cm
Maximum output power	:	98.89	W
Stall torque	:	8710.02	g-cm
Stall current	:	35.26	A
Torque constant	:	244.58	mN-m/A
Speed constant	:	4341.92	RPM/V

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT56S-68-8-R



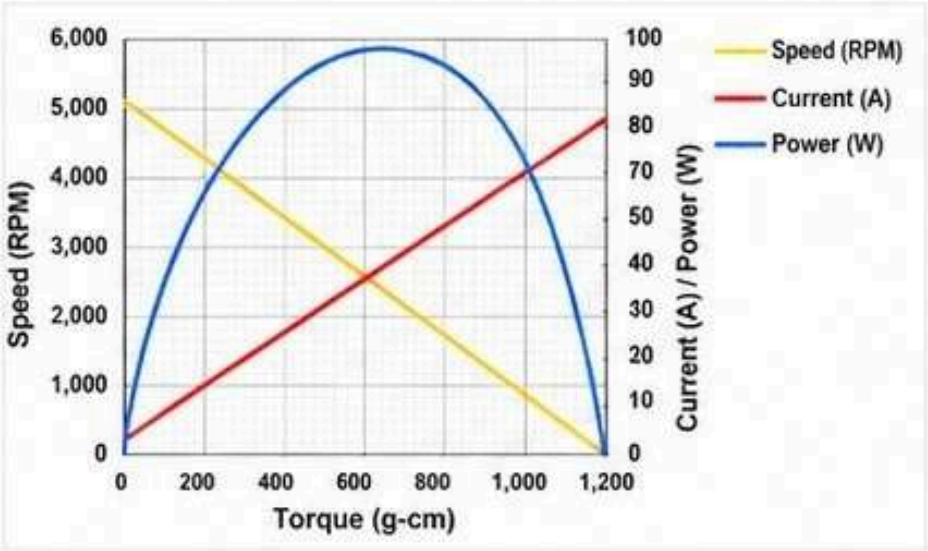




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.26	2400	1.32	441	2206	6.60
12	5000	0.78	4000	3.90	782	3911	19.50
24	3000	0.18	2400	0.90	602	3008	4.50
24	5000	0.43	4000	1.97	672	3685	9.03

Motor Curve

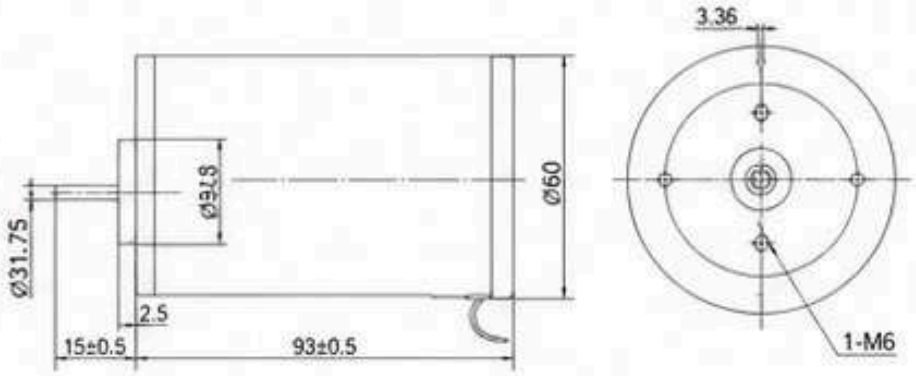


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW (viewed from output shaft)	
No-load speed	:	5000.0	RPM
No-load current	:	0.430	AMPS
Maximum efficiency	:	75.8	%
Rated speed	:	3950.8	RPM
Rated current	:	3.603	AMPS
Rated torque	:	448.80	g-cm
Maximum output power	:	104.7	W
Stall torque	:	1035.7	g-cm
Stall current	:	10.94	AMPS
Torque constant	:	48.8	mN-m/A
Speed constant	:	1386.58	RPM/V

Our company can customize all kind of non-standard products, if necessary.welcome to consult at any time.

ZYT60S-93-3.175-R

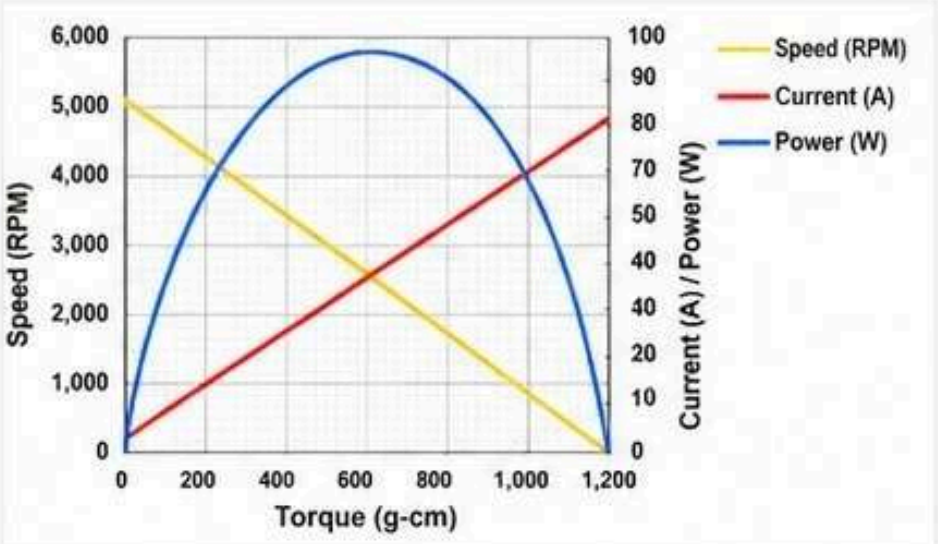




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.38	2400	3.04	1016	5081	15.20
12	5000	0.82	4000	6.56	1316	6578	32.80
24	3000	0.23	2400	1.84	1230	6150	9.20
24	5000	0.45	4000	2.70	1002	7016	16.20

Motor Curve

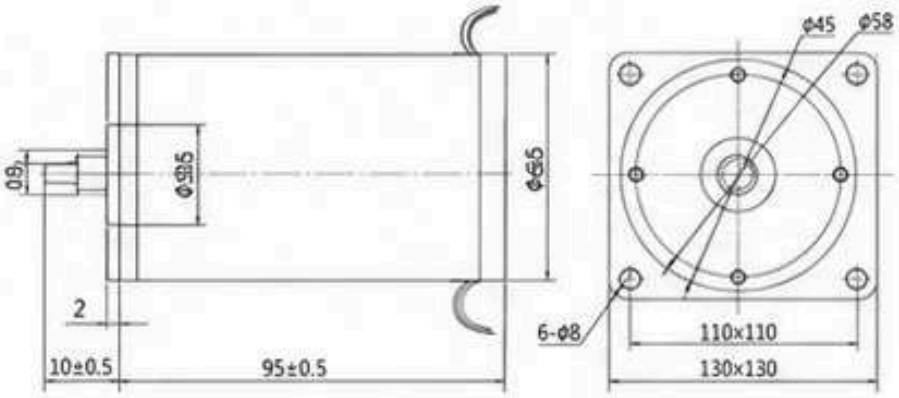


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW (viewed from output shaft)	
No-load speed	:	5000.0	RPM
No-load current	:	0.430	AMPS
Maximum efficiency	:	75.8	%
Rated speed	:	3950.8	RPM
Rated current	:	3.603	AMPS
Rated torque	:	448.80	g-cm
Maximum output power	:	104.7	W
Stall torque	:	1035.7	g-cm
Stall current	:	10.94	AMPS
Torque constant	:	48.8	mN-m/A
Speed constant	:	1386.58	RPM/V

Our company can customize all kind of non-standard products, if necessary.welcome to consult at any time.

ZYT60S-95-8

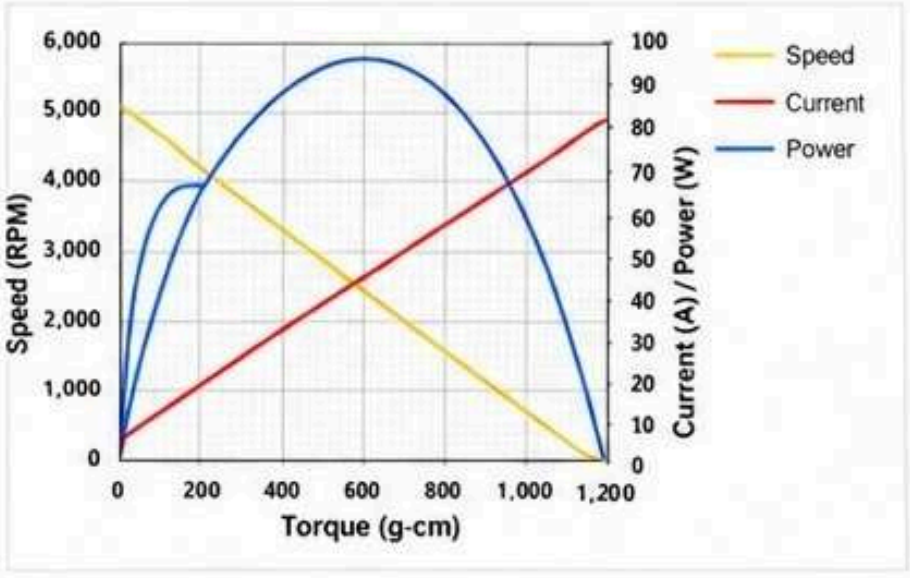




Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g.cm	Stall torque g.cm	Stall current Amp
12	3000	0.34	2400	2.74	915	4573	13.68
12	5000	0.74	4000	5.90	1184	5920	29.52
24	3000	0.21	2400	1.66	1107	5535	8.28
24	5000	0.41	4000	2.54	952	6885	15.78

Motor Curve

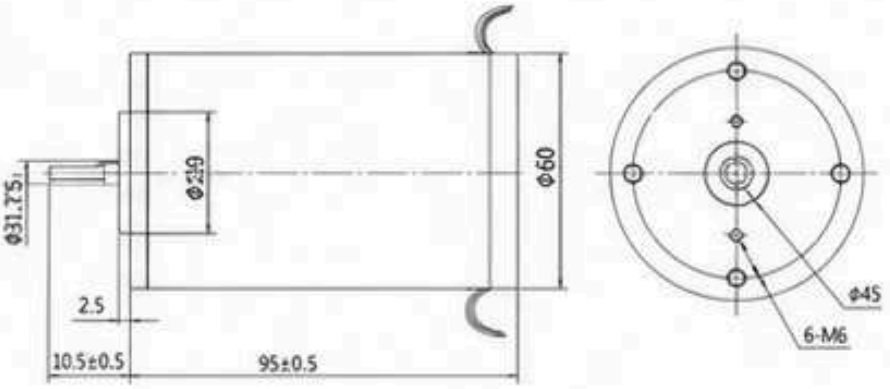


Constant voltage	: 24.00	Volts
Rotation direction	: CCW/CW	
No-load speed	: 5000.0	RPM
No-load current	: 0.430	AMPS
Maximum efficiency	: 75.8	%
Rated speed	: 3950.8	RPM
Rated current	: 3.603	AMPS
Rated torque	: 448.80	g-cm
Maximum output power	: 104.7	W
Stall torque	: 1035.7	g-cm
Stall current	: 10.94	AMPS
Torque constant	: 48.8	mN·m/A
Speed constant	: 1386.58	RPM/V

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT60S-95-6-R

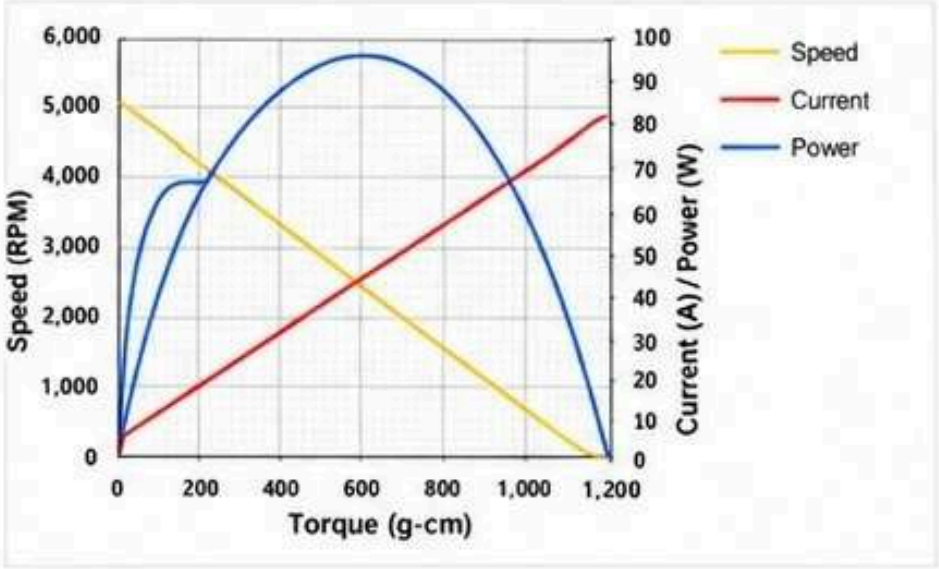




Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g.cm	Stall torque g.cm	Stall current Amp
12	3000	0.34	2400	2.74	915	4573	13.68
12	5000	0.74	4000	5.90	1184	5920	29.52
24	3000	0.21	2400	1.66	1107	5535	8.28
24	5000	0.41	4000	2.54	952	6885	15.78

Motor Curve

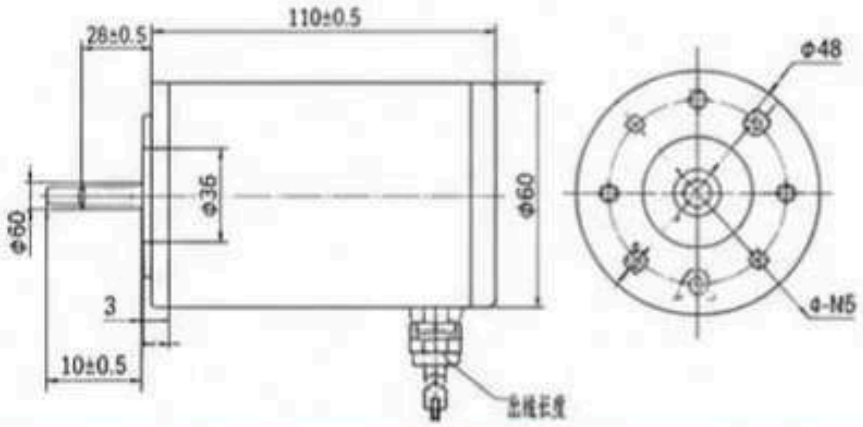


Constant voltage	: 24.00	Volts
Rotation direction	: CCW/CW	
No-load speed	: 5000.0	RPM
No-load current	: 0.430	AMPS
Maximum efficiency	: 75.8	%
Rated speed	: 3950.8	RPM
Rated current	: 3.603	AMPS
Rated torque	: 448.80	g-cm
Maximum output power	: 104.7	W
Stall torque	: 1035.7	g-cm
Stall current	: 10.94	AMPS
Torque constant	: 48.8	mN·m/A
Speed constant	: 1386.58	RPM/V

Our company can customize all kind of non-standard products, if necessary.welcome to consult at any time.

ZYT60S-110-6-R-FS

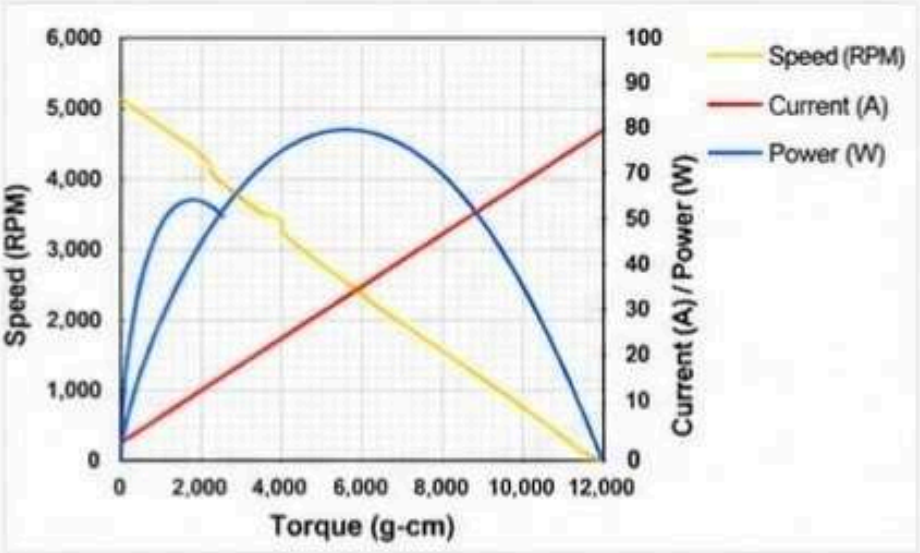




Specifications Datasheet

Voltage (VDC)	No-load speed (RPM)	No-load current (A)	Rated speed (RPM)	Rated current (A)	Rated torque (g-cm)	Stall torque (g-cm)	Stall current (A)
12	3000	0.46	2400	3.65	1219	6097	25.54
12	5000	0.98	4000	7.87	1579	7894	47.23
24	3000	0.28	2400	2.21	1476	7380	15.46
24	5000	0.65	4000	4.16	1570	11692	26.65

Motor Curve

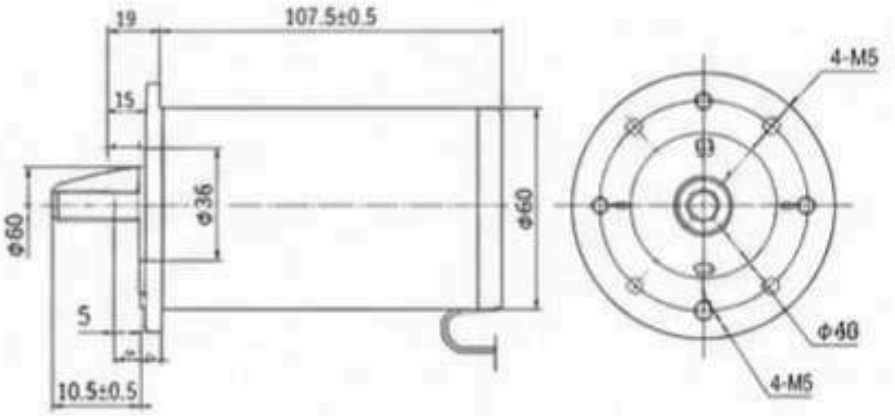


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW (viewed from output shaft)	
No-load speed	:	5000.0	RPM
No-load current	:	0.490	AMPS
Maximum efficiency	:	75.8	%
Rated speed	:	3950.8	RPM
Rated current	:	3.603	AMPS
Rated torque	:	448.80	g-cm
Maximum output power	:	104.7	W
Stall torque	:	1035.7	g-cm
Stall current	:	10.94	AMPS
Torque constant	:	48.8	mN·m/A
Speed constant	:	1386.58	RPM/V

Our company can customize all kind of non-standard products, if necessary, welcome to consult at any time.

ZYT60S-107.5-8-R

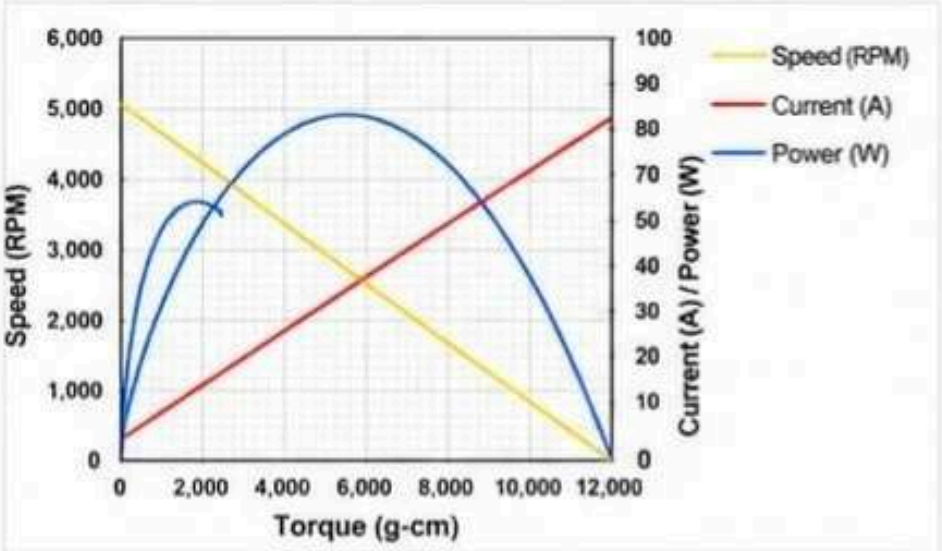




Specifications Datasheet

Voltage (VDC)	No-load speed (RPM)	No-load current (A)	Rated speed (RPM)	Rated current (A)	Rated torque (g·cm)	Stall torque (g·cm)	Stall current (A)
12	3000	0.35	2400	2.80	936	4680	14.00
12	5000	0.66	4000	5.25	1052	5262	26.24
24	3000	0.22	2400	1.76	1177	5883	8.80
24	5000	0.42	4000	2.50	936	6546	15.12

Motor Curve

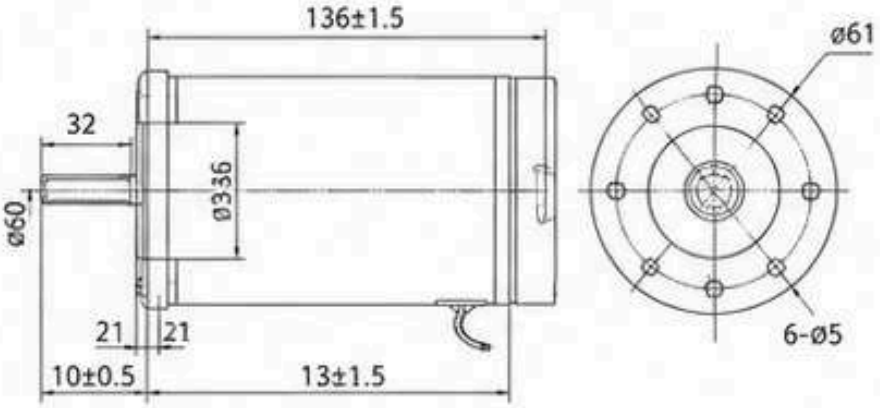


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW (viewed from output shaft)	
No-load speed	:	5000.0	RPM
No-load current	:	0.430	AMPS
Maximum efficiency	:	75.8	%
Rated speed	:	3950.8	RPM
Rated current	:	3.603	AMPS
Rated torque	:	448.80	g-cm
Maximum output power	:	104.7	W
Stall torque	:	1035.7	g-cm
Stall current	:	10.94	AMPS
Torque constant	:	48.8	mN·m/A
Speed constant	:	1386.58	RPM/V

Our company can customize all kind of non-standard products, if necessary, welcome to consult at any time.

ZYT60S-126-8-R-T

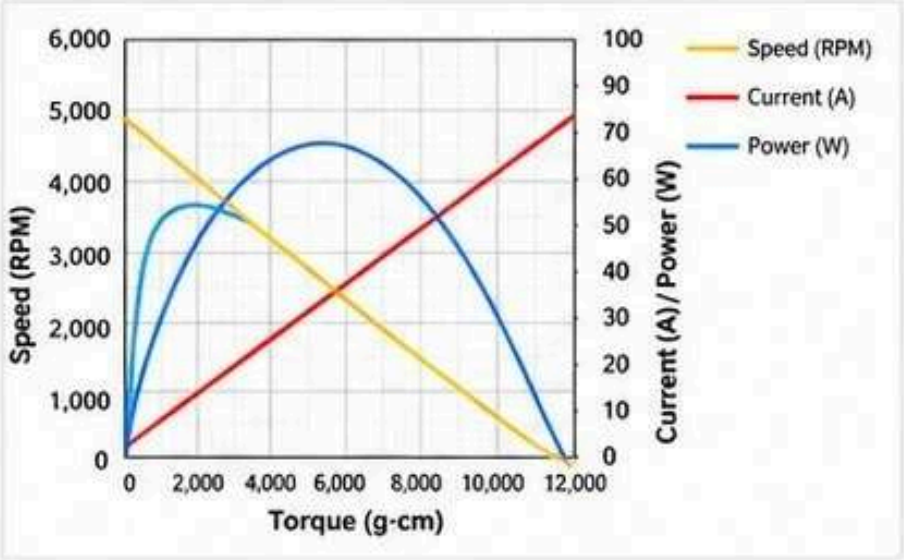




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g·cm	Stall torque g·cm	Stall current Amp
12	3000	0.51	2400	4.10	1372	6859	36.94
12	5000	1.11	4000	8.86	1776	8880	79.70
24	3000	0.28	2400	2.48	1661	8303	22.36
24	5000	0.61	4000	4.02	1528	11706	26.50

Motor Curve

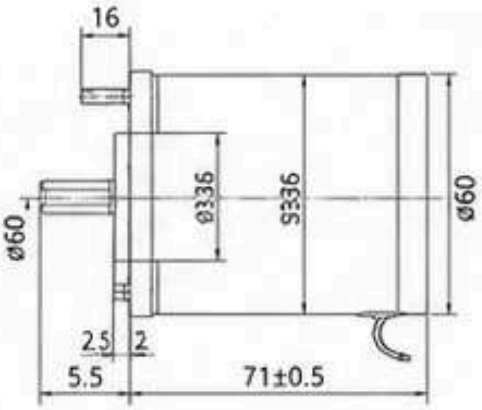


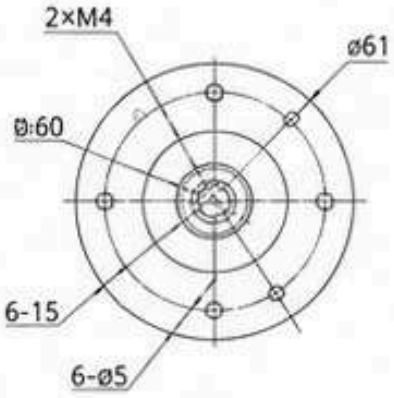
Constant voltage	: 24.00	V
Rotation direction	: CCW/CW	
No-load speed	: 5000.0	RPM
No-load current	: 0.490	A
Maximum efficiency	: 75.8	%
Rated speed	: 3950.8	RPM
Rated current	: 3.603	A
Rated torque	: 448.80	g·cm
Maximum output power	: 104.7	W
Stall torque	: 1035.7	g·cm
Stall current	: 10.94	A
Torque constant	: 48.8	mN-m/A
Speed constant	: 1386.58	RPM/V

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT63S-75-R



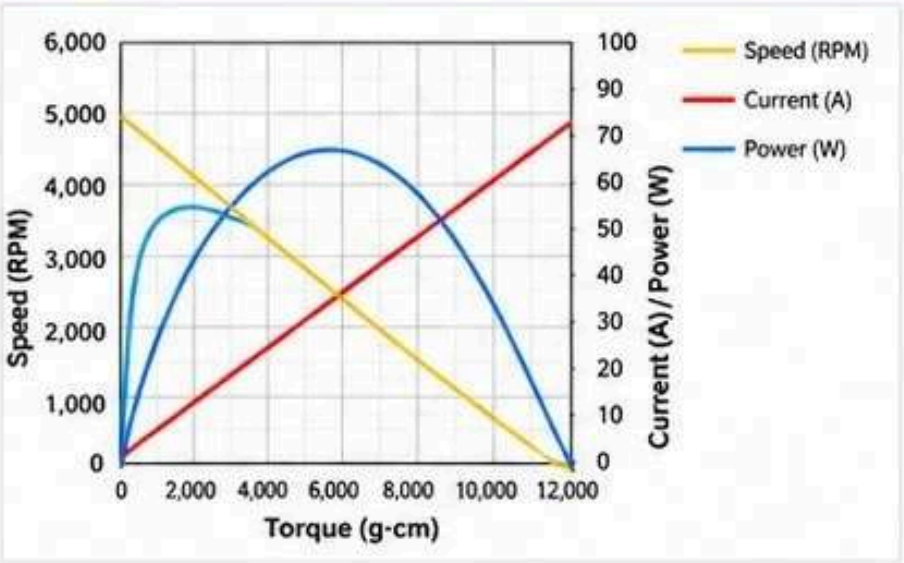




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g·cm	Stall torque g·cm	Stall current Amp
12	3000	0.41	2400	2.80	965	4826	14.00
12	5000	0.83	4000	5.78	1158	5791	46.20
24	3000	0.24	2400	1.68	1123	5883	8.80
24	5000	0.44	4000	2.82	1063	7914	18.04

Motor Curve

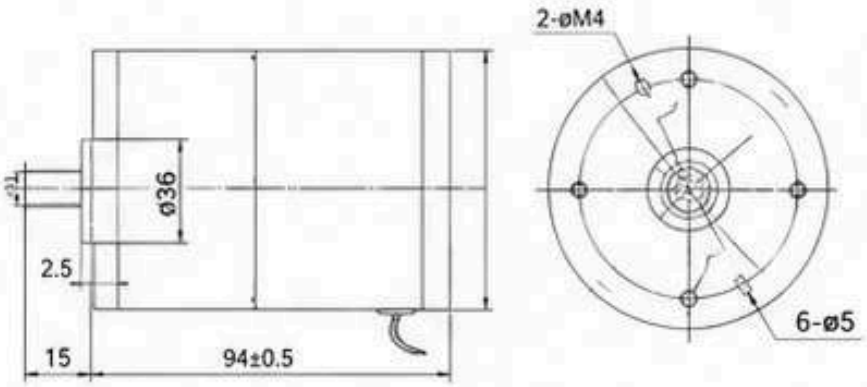


Constant voltage	:	24.00 V
Rotation direction	:	CCW/CW
No-load speed	:	5000.0 RPM
No-load current	:	0.430 A
Maximum efficiency	:	75.8 %
Rated speed	:	3950.8 RPM
Rated current	:	3.603 A
Rated torque	:	448.80 g-cm
Maximum output power	:	104.7 W
Stall torque	:	1035.7 g-cm
Stall current	:	10.94 A
Torque constant	:	48.8 mN-m/A
Speed constant	:	1386.58 RPM/V

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT63S-94-8-R

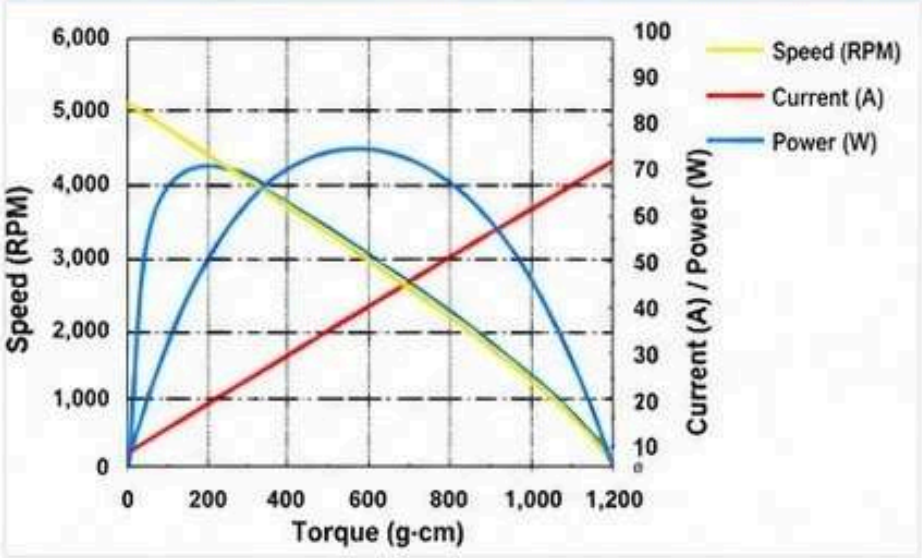




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.55	2400	3.85	1287	6434	26.95
12	5000	1.1	4000	7.70	1544	7721	46.20
24	3000	0.32	2400	2.24	1497	7487	15.68
24	5000	0.58	4000	3.70	1402	10432	23.78

Motor Curve

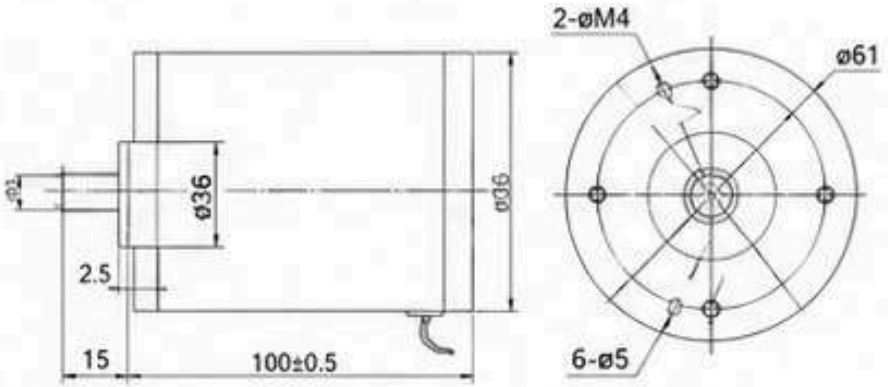


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.520	A
Maximum efficiency	:	78.32	%
Rated speed	:	2926.6	RPM
Rated current	:	3.174	A
Rated torque	:	256.97	g-cm
Maximum output power	:	78.07	W
Stall torque	:	5531.8	g-cm
Stall current	:	43.9	A
Torque constant	:	127.69	mN•m/A
Speed constant	:	4798.89	RPM/V

Our company can customize all kind of non-standard products, if necessary, welcome to consult at any time.

ZYT63S-100-8-R

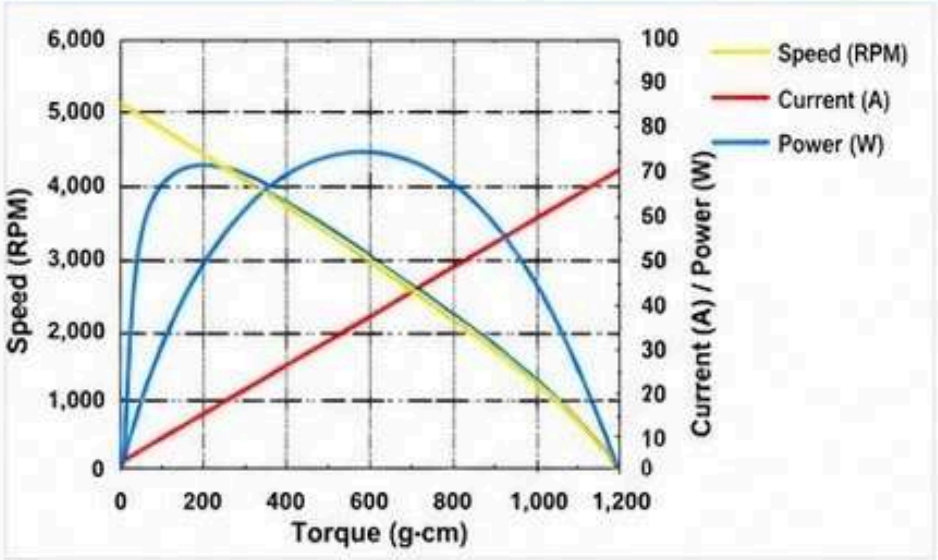




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g·cm	Stall torque g·cm	Stall current Amp
12	3000	0.61	2400	4.24	1416	7078	29.65
12	5000	1.15	4000	8.05	1614	8072	56.35
24	3000	0.35	2400	2.46	1647	8236	17.25
24	5000	0.64	4000	4.10	1547	11515	26.24

Motor Curve

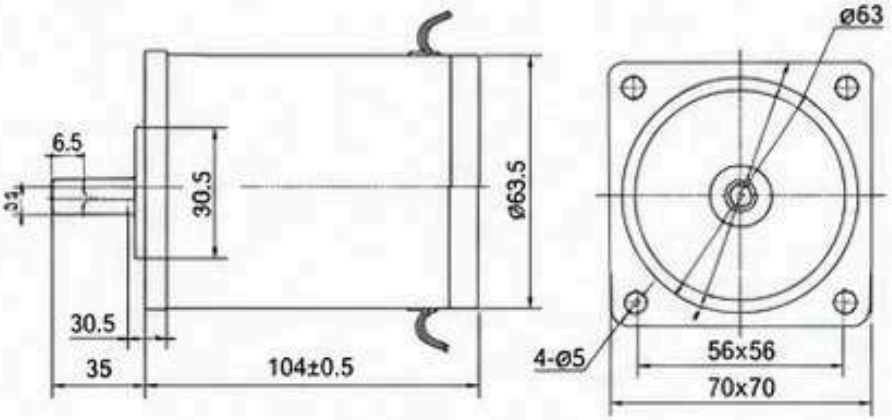


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.649	A
Maximum efficiency	:	71.2	%
Rated speed	:	3434.8	RPM
Rated current	:	3.914	A
Rated torque	:	572.48	g-cm
Maximum output power	:	139.4	W
Stall torque	:	8133.8	g-cm
Stall current	:	45.9	A
Torque constant	:	161.39	mN•m/A
Speed constant	:	4694.28	RPM/V

Our company can customize all kind of non-standard products, if necessary, welcome to consult at any time.

ZYT-63S-104-8-F

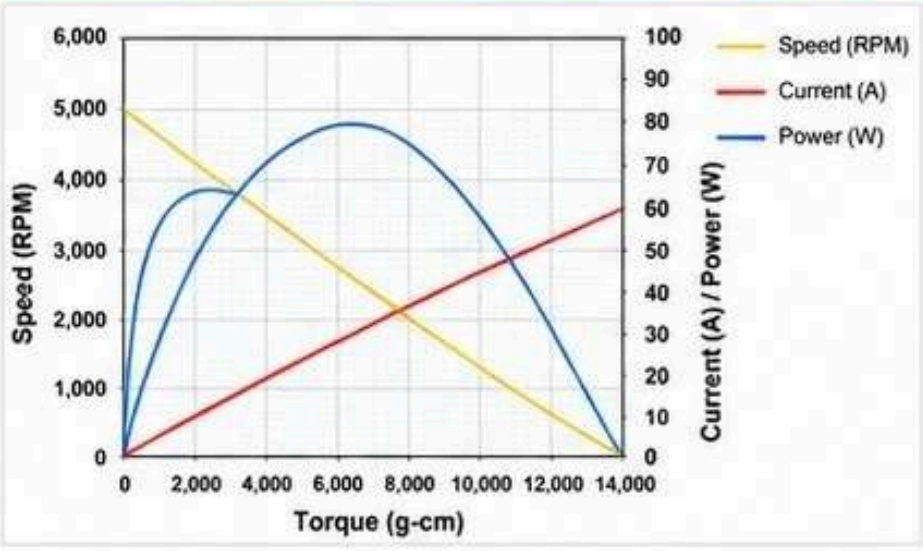




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.63	2400	4.43	1480	7399	30.99
12	5000	1.27	4000	7.59	1522	7611	45.54
24	3000	0.37	2400	2.58	1722	8610	18.03
24	5000	0.67	4000	4.34	1643	12377	28.14

Motor Curve

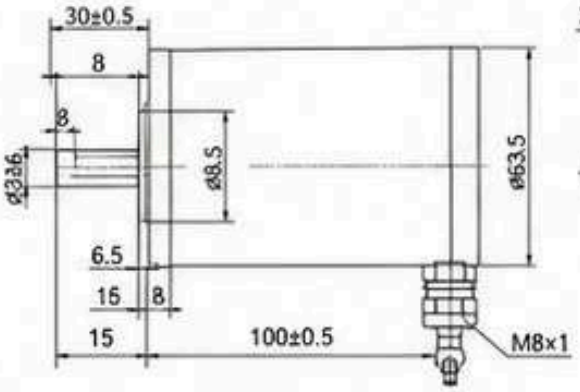


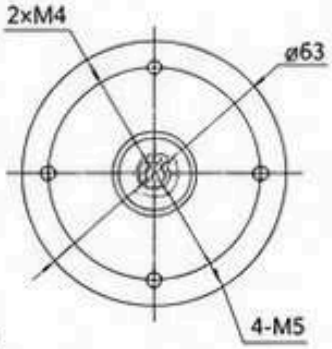
Constant voltage	:	24.00	V
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.580	A
Maximum efficiency	:	72.5	%
Rated speed	:	3162.8	RPM
Rated current	:	3.174	A
Rated torque	:	256.97	g-cm
Maximum output power	:	78.07	W
Stall torque	:	5531.8	g-cm
Stall current	:	43.9	A
Torque constant	:	127.69	mN·m/A
Speed constant	:	4798.89	RPM/V

Our company can customize all kind of non-standard products, if necessary.welcome to consult at any time.

ZYT63S-120-8-R-FS



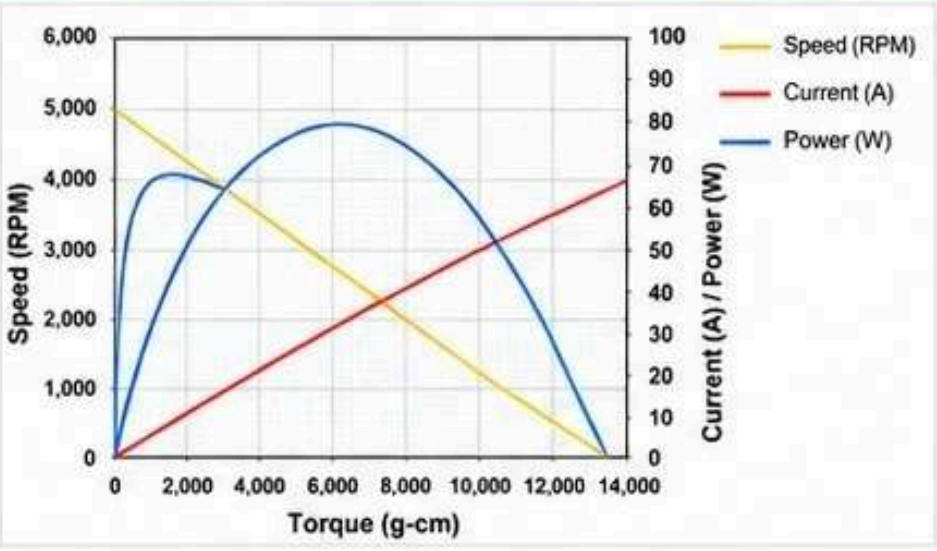




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.74	2400	5.20	1737	8686	36.38
12	5000	1.49	4000	8.91	1787	8935	53.46
24	3000	0.43	2400	3.02	2022	10108	21.17
24	5000	0.78	4000	4.68	1738	12162	28.08

Motor Curve

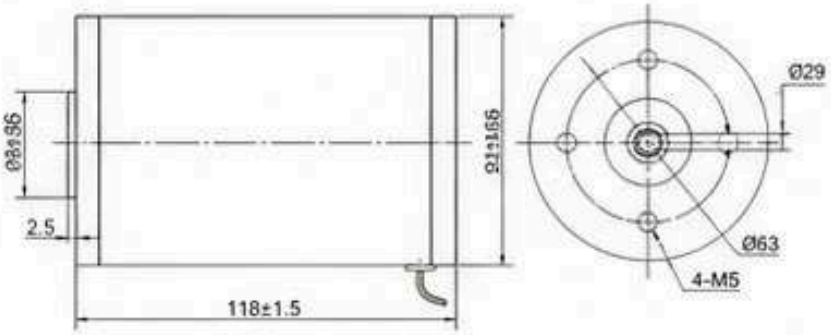


Constant voltage	:	24.00	V
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.780	A
Maximum efficiency	:	73.6	%
Rated speed	:	3754.0	RPM
Rated current	:	4.600	A
Rated torque	:	720.94	g-cm
Maximum output power	:	76.07	W
Stall torque	:	8053.34	g-cm
Stall current	:	35.8	A
Torque constant	:	45.9	mN·m/A
Speed constant	:	4118.09	RPM/V

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT68S-118-8-R

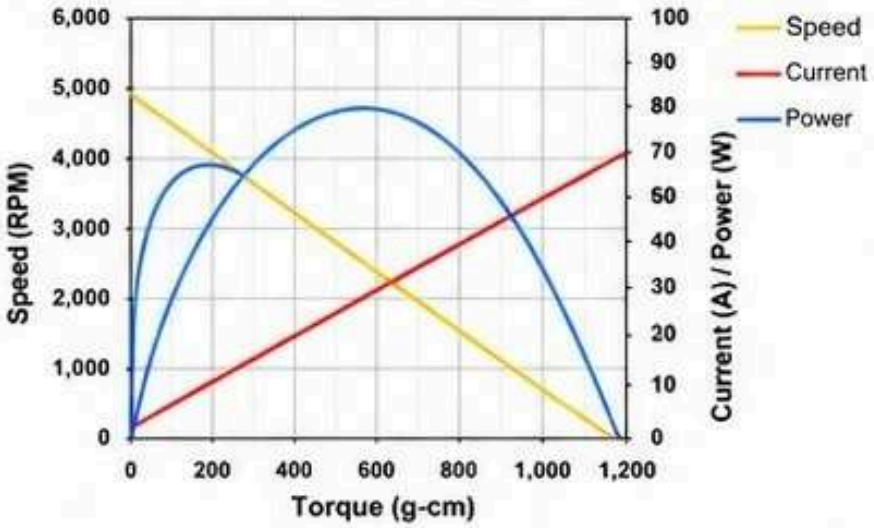




Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.75	2400	6.00	2006	10028	48.00
12	5000	1.25	4000	7.50	1504	7521	60.00
24	3000	0.42	2400	3.36	2246	11231	26.88
24	5000	0.75	4000	4.95	1879	14396	32.63

Motor Curve

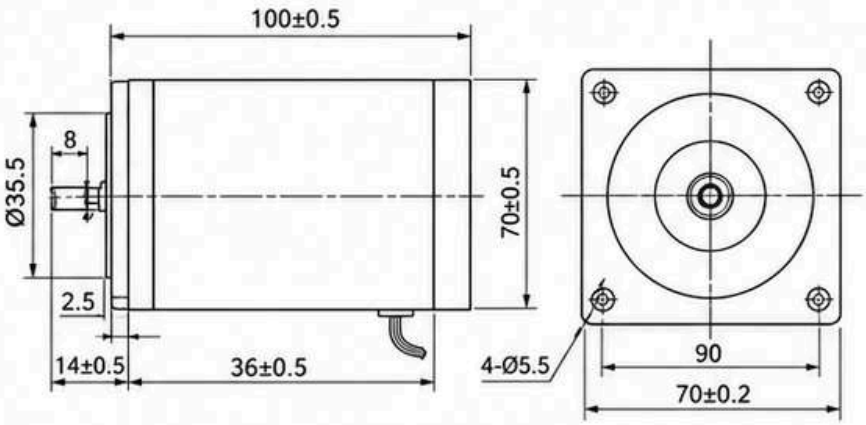


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.680	AMPS
Maximum efficiency	:	78.8	%
Rated speed	:	2926.6	RPM
Rated current	:	3.174	A
Rated torque	:	256.97	g-cm
Maximum output power	:	78.07	W
Stall torque	:	5531.8	g-cm
Stall current	:	43.9	A
Torque constant	:	127.69	mN-m/A
Speed constant	:	4798.89	RPM/V

Our company can customize all kind of non-standard products, if necessary.welcome to consult at any time.

ZYT70S-1-F

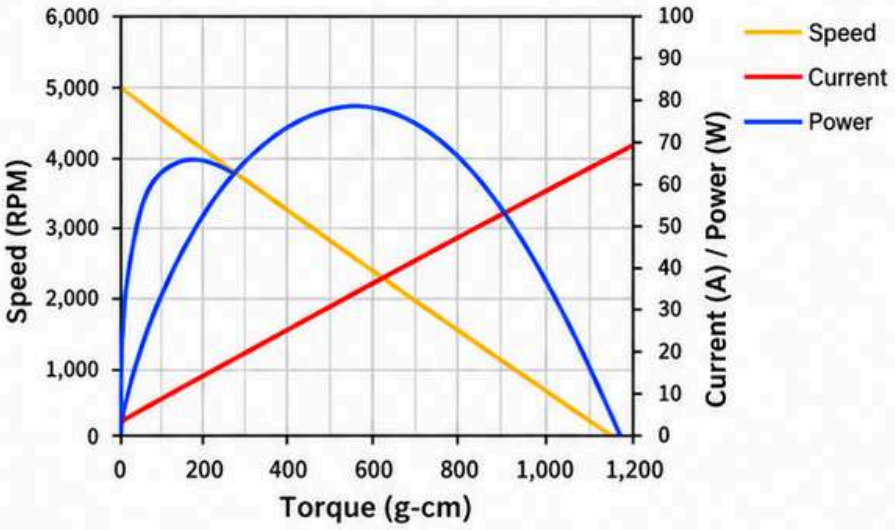




Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.65	2400	5.20	1738	8691	36.40
12	5000	1.10	4000	6.60	1324	6618	46.20
24	3000	0.38	2400	3.04	2032	10161	21.28
24	5000	0.68	4000	4.22	1580	11417	26.18

Motor Curve

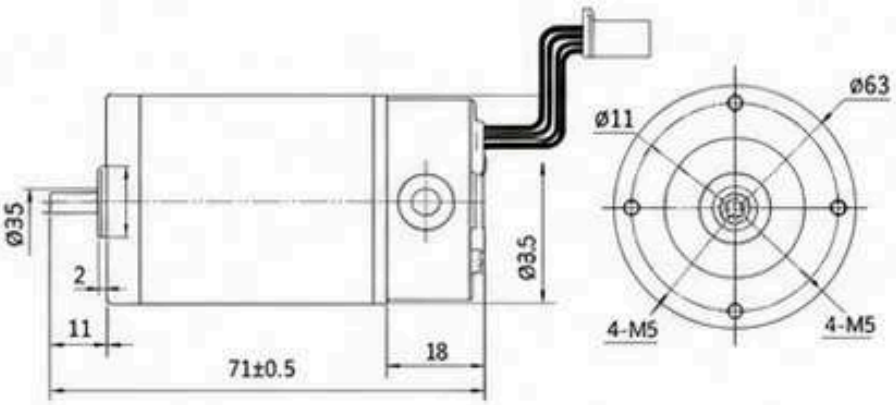


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.780	AMPS
Maximum efficiency	:	73.6	%
Rated speed	:	3754.0	RPM
Rated current	:	4.600	A
Rated torque	:	720.94	g-cm
Maximum output power	:	76.07	W
Stall torque	:	8053.34	g-cm
Stall current	:	35.8	A
Torque constant	:	161.39	mN-m/A
Speed constant	:	4118.09	RPM/V

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT70S-2-Magnetic

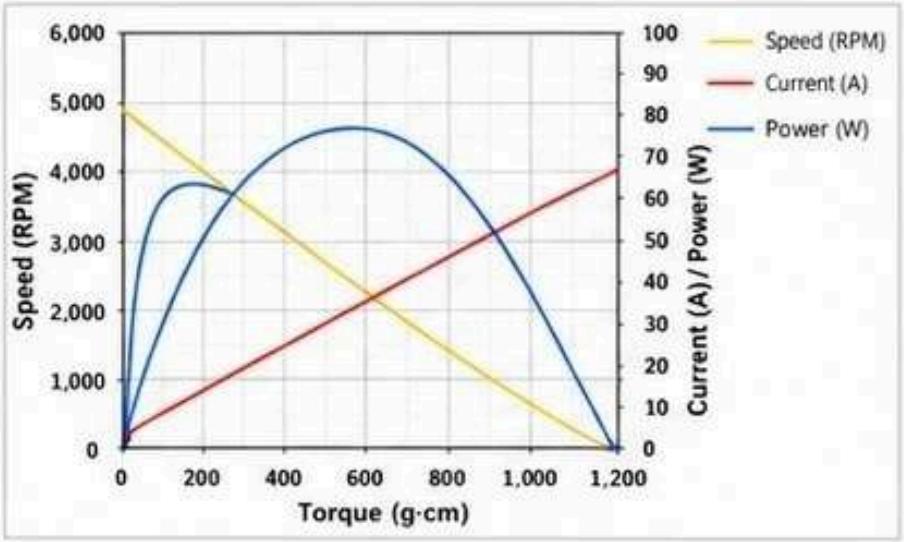




Specifications Datasheet

Voltage VDC	No-load speed RPM	No-load current Amp	Rated speed RPM	Rated current Amp	Rated torque g·cm	Stall torque g·cm	Stall current Amp
12	3000	0.60	2400	3.60	1203	6017	21.60
12	5000	1.05	4000	6.30	1263	6317	37.80
24	3000	0.35	2400	2.10	1404	7019	12.60
24	5000	0.62	4000	3.85	1441	10413	23.87

Motor Curve

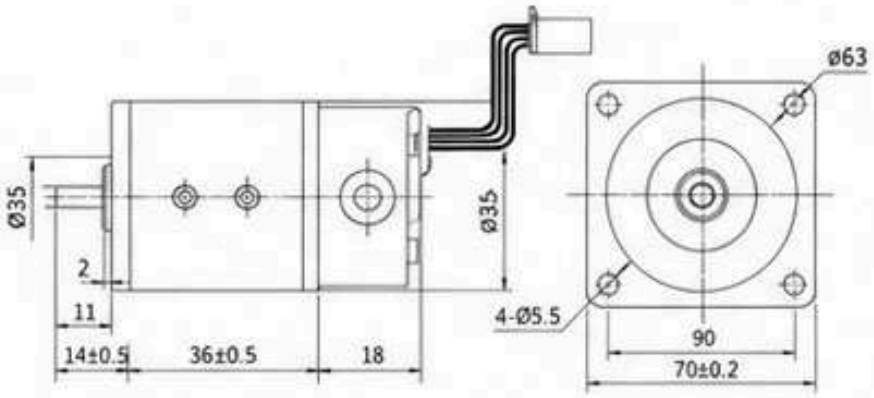


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.680	A
Maximum efficiency	:	78.8	%
Rated speed	:	3162.8	RPM
Rated current	:	3.174	A
Rated torque	:	256.97	g·cm
Maximum output power	:	78.07	W
Stall torque	:	5531.8	g·cm
Stall current	:	43.9	A
Torque constant	:	127.69	mN·m/A
Speed constant	:	4798.89	RPM/V

Our company can customize all kind of non-standard products, if necessary.welcome to consult at any time.

ZYT70S-95-6-F-T

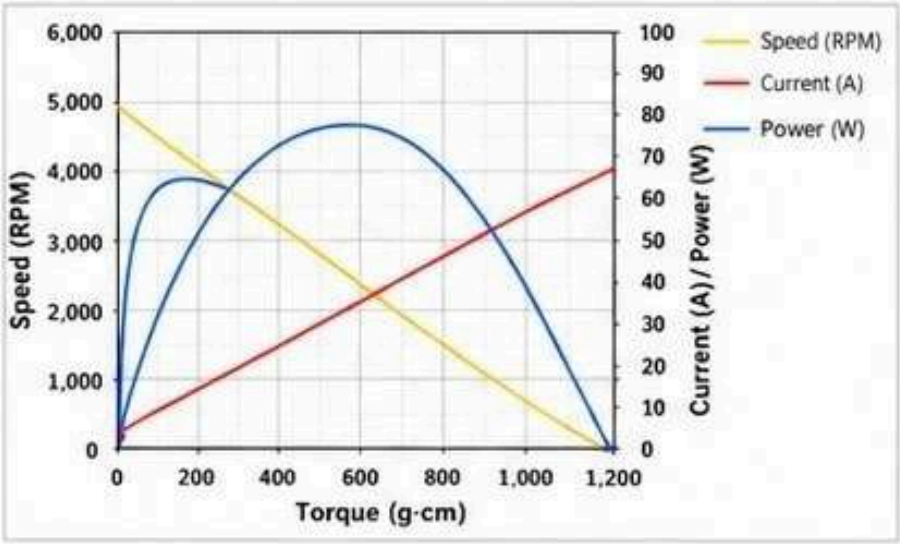




Specifications Datasheet

Voltage VDC	No-load speed RPM	No-load current Amp	Rated speed RPM	Rated current Amp	Rated torque g·cm	Stall torque g·cm	Stall current Amp
12	3000	0.65	2400	3.90	1738	8691	36.40
12	5000	1.15	4000	6.90	1384	6919	41.40
24	3000	0.36	2400	3.04	2032	10161	15.12
24	5000	0.68	4000	4.22	1580	11417	26.18

Motor Curve

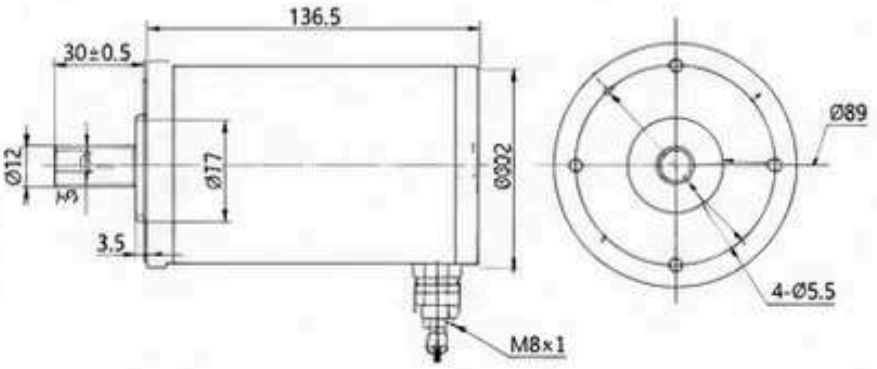


Constant voltage	:	24.00	Volts
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.780	A
Maximum efficiency	:	73.6	%
Rated speed	:	3754.0	RPM
Rated current	:	4.600	A
Rated torque	:	720.94	g·cm
Maximum output power	:	76.07	W
Stall torque	:	8053.34	g·cm
Stall current	:	35.8	A
Torque constant	:	161.39	mN·m/A
Speed constant	:	4118.09	RPM/V

Our company can customize all kind of non-standard products, if necessary.welcome to consult at any time.

ZYT77S-120-10-R

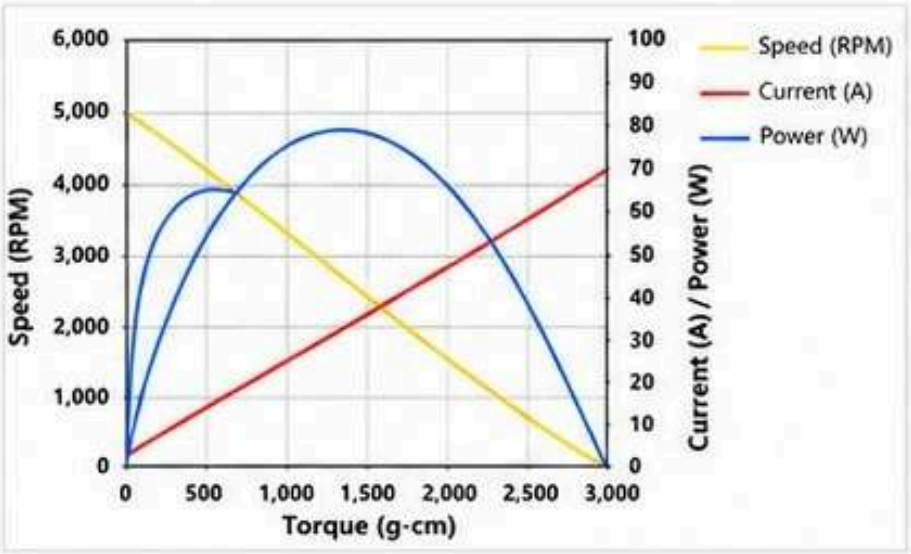




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.72	2400	5.76	1925	9626	51.84
12	5000	1.35	4000	10.80	2166	10830	97.20
24	3000	0.42	2400	3.36	2246	11231	30.24
24	5000	0.82	4000	6.14	2393	20732	45.92

Motor Curve

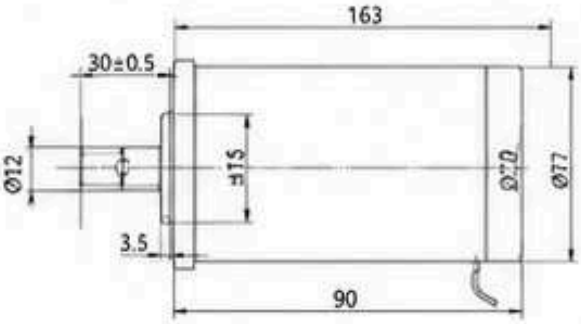


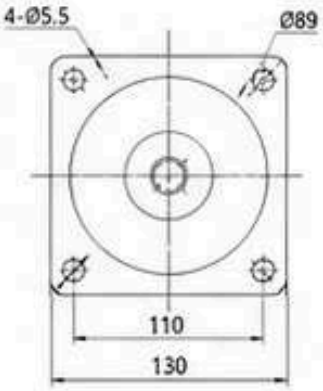
Rated voltage	:	24.00	V
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.820	A
Maximum efficiency	:	78.3	%
Rated speed	:	3162.8	RPM
Rated current	:	6.134	A
Rated torque	:	239.30	g-cm
Maximum output power	:	77.80	W
Stall torque	:	20732	g-cm
Stall current	:	45.9	A
Torque constant	:	127.69	mN-m/A
Speed constant	:	4798.89	RPM/V

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT77S-130-10-F-T



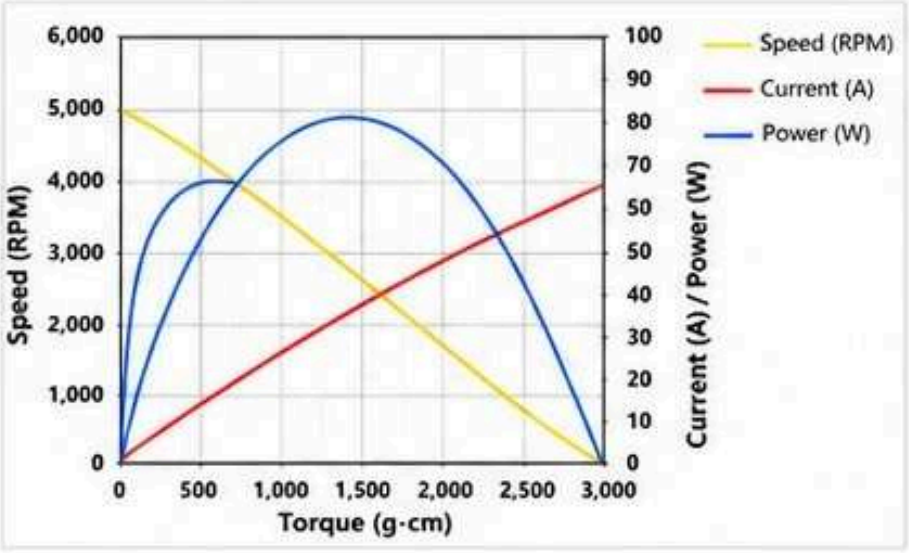




Specifications Datasheet

Voltage VDC	No-load speed Rpm	No-load current Amp	Rated speed Rpm	Rated current Amp	Rated torque g-cm	Stall torque g-cm	Stall current Amp
12	3000	0.83	2400	6.62	2214	11070	52.99
12	5000	1.55	4000	12.42	2491	12454	99.36
24	3000	0.48	2400	3.86	2583	12915	30.91
24	5000	0.94	4000	7.19	2816	24927	55.00

Motor Curve

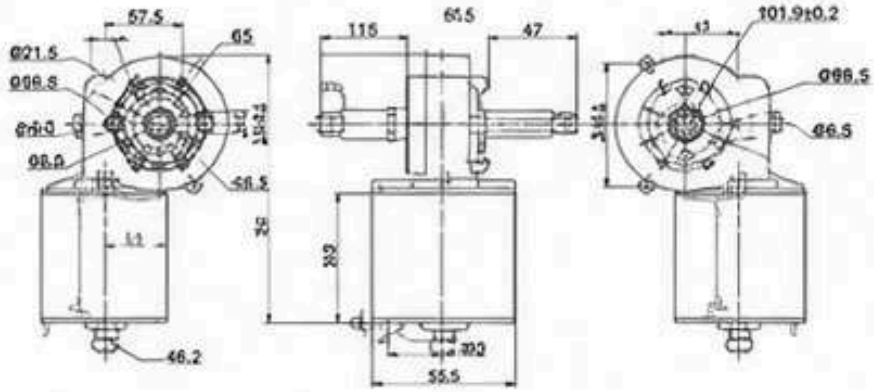


Rated voltage	:	24.00	V
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.940	A
Maximum efficiency	:	76.6	%
Rated speed	:	3754.0	RPM
Rated current	:	7.190	A
Rated torque	:	281.60	g-cm
Maximum output power	:	76.07	W
Stall torque	:	24927	g-cm
Stall current	:	55.0	A
Torque constant	:	161.39	mN-m/A
Speed constant	:	4118.09	RPM/V

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

ZYT77S-135-F

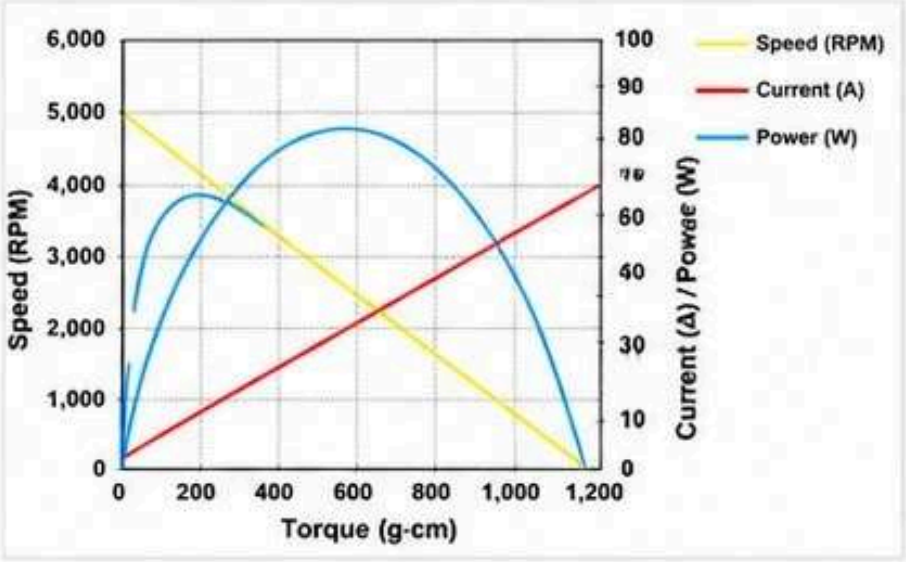




Specifications Datasheet

Voltage (VDC)	No-load speed (RPM)	No-load current (Amp)	Rated speed (RPM)	Rated current (Amp)	Rated torque (g·cm)	Stall torque (g·cm)	Stall current (Amp)
12	3000	0.43	2400	3.02	1011	5054	24.19
12	5000	0.81	4000	5.67	1137	5686	45.36
24	3000	0.25	2400	1.76	1179	5896	14.11
24	5000	0.49	4000	3.13	1184	8815	20.10

Motor Curve



Constant voltage	:	24.00	VI
Rotation direction	:	CCW/CW	
No-load speed	:	5000.0	RPM
No-load current	:	0.680	A
Maximum efficiency	:	78.8	%
Rated speed	:	3162.8	RPM
Rated current	:	3.174	A
Rated torque	:	256.97	g·cm
Maximum output power	:	78.07	W
Stall torque	:	553[illegible]8	g·cm
Stall current	:	43.9	A
Torque constant	:	127.69	mN-m/A
Speed constant	:	4798.89	RPM/V

Our company can customize all kinds of non-standard products, welcome to welcome to consult at any time.

Compatible Gearboxes



Our motors can be matched with various specifications of gearboxes.

Our company can customize all kinds of non-standard products,
welcome to welcome to consult at any time.

PMDC Motor

» 31MEC

General Specification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance 50MΩ Min	500V DC
Dielectric Strength	600VAC 1 minute
Max Radial Force	15N (10mm from front flange)
Max Axial Force	10N



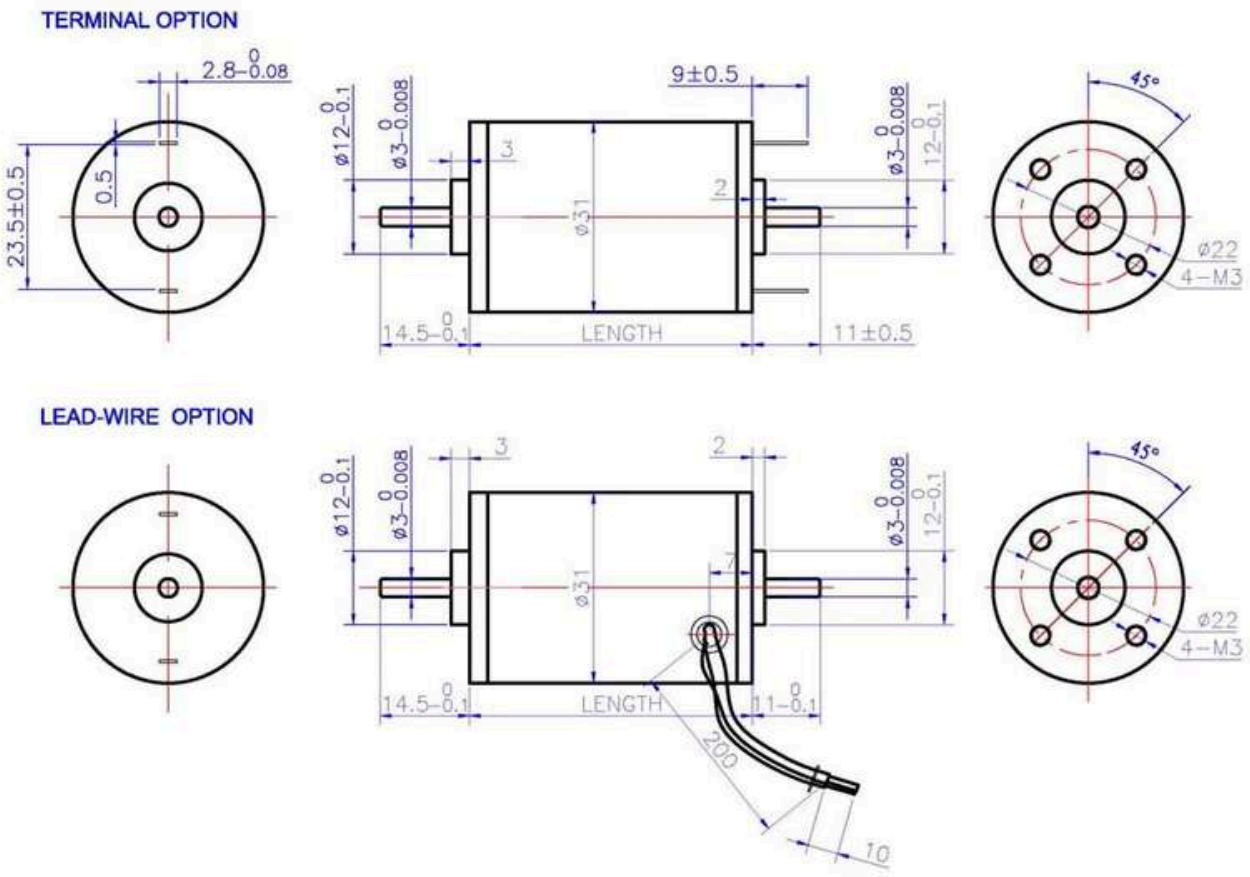
Technical Specifications

Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current	Rated speed	Rated output power	Motor Length
	U	I_0	n_0	T_N	I_N	n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
31MET046-2460	24	0.15	6000	0.028	1	3000	9	46
31MET046-2495	24	0.2	9500	0.055	2.8	4800	28	46
31MET053-1870	18	0.13	7000	0.048	2.2	3550	18	53
31MET053-2460	24	0.1	6000	0.034	1.7	3000	11	53
31MET053-2480	24	0.15	8000	0.05	2.3	4000	21	53
31MET070-2466	24	0.22	6600	0.078	3	3300	27	70
31MET070-2486	24	0.3	8600	0.08	3.6	4300	36	70

Remark:

1. This motor can be customized with special request.
2. Options:Planetary gearhead, encoder and brake.

Dimensions



PMDC Motor

40MET/42MEN

General Specification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance 50MΩ Min	500V DC
Dielectric Strength	600VAC 1 minute
Max Radial Force	15N (10mm from front flange)
Max Axial Force	10N



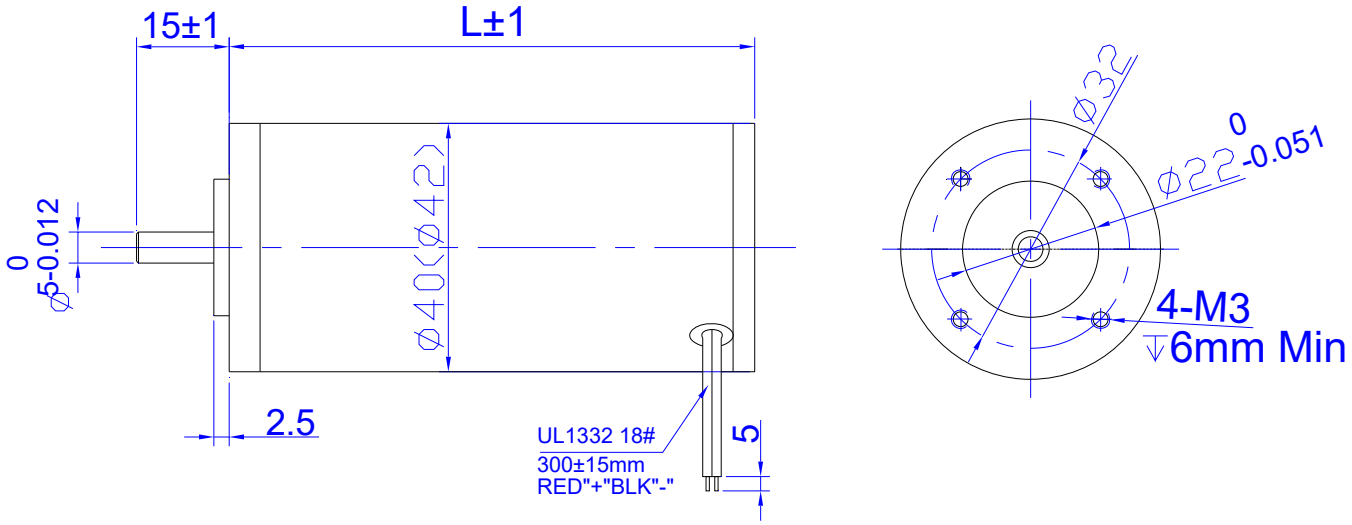
Technical Specifications

Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
40MET63-2460	24	0.25	6000	0.033	1.3	4800	16.6	63
40MET85-1242	12	0.3	4200	0.075	3.4	3300	26	85
40MET85-2440	24	0.25	4000	0.09	1.7	3000	28	85
42MEN85-2434	24	0.4	3400	0.14	2.1	2300	34	85
42MEN115-2434	24	0.4	3440	0.14	2.1	2700	40	115

Remark:

1. This motor can be customized with special request.
2. Options:Planetary gearhead, encoder and brake.

Dimensions



PMDC Motor

» 50MET / 52MEC

GeneralSpecification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance 50MΩ Min	500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	75N (10mm from front flange)
Max Axial Force	15N



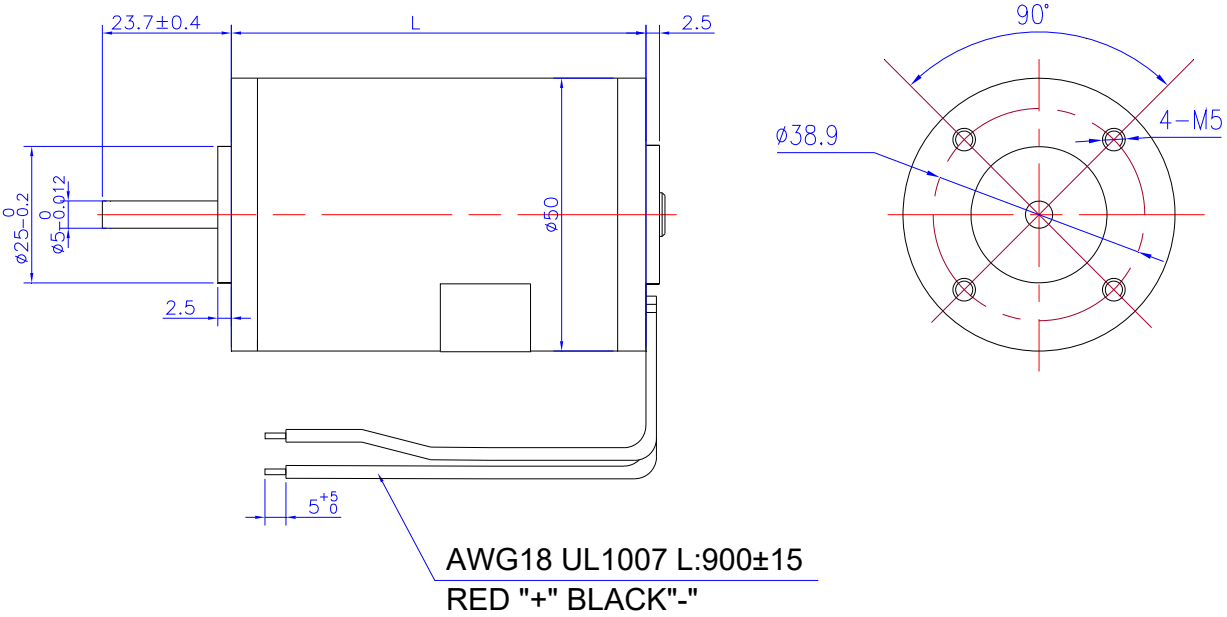
Technical Specifications

Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN	IN	n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
50MET77-2470	24	0.6	7000	0.08	3	6000	50	77
52MET86-1227	12	0.3	3000	0.1	3	2200	23	86
52MET95-2442	24	0.3	4200	0.12	2.7	3700	47	95
52MET105-22050	220	0.05	5000	0.10	0.35	4000	42	105
52MET115-2442	24	0.3	4200	0.20	4.2	3700	78	115
52MET125-2442	24	0.3	4200	0.30	7	3700	116	125

Remark:

1. This motor can be customized with special request.
2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions



PMDC Motor

» 50MEC / 52MEC / 54MEC

GeneralSpecification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance 50MΩ Min	500V DC
Dielectric Strength	600VAC 1 minute
Max Radial Force	75N (10mm from front flange)
Max Axial Force	15N
Externalcarbonbrushes	



Technical Specifications

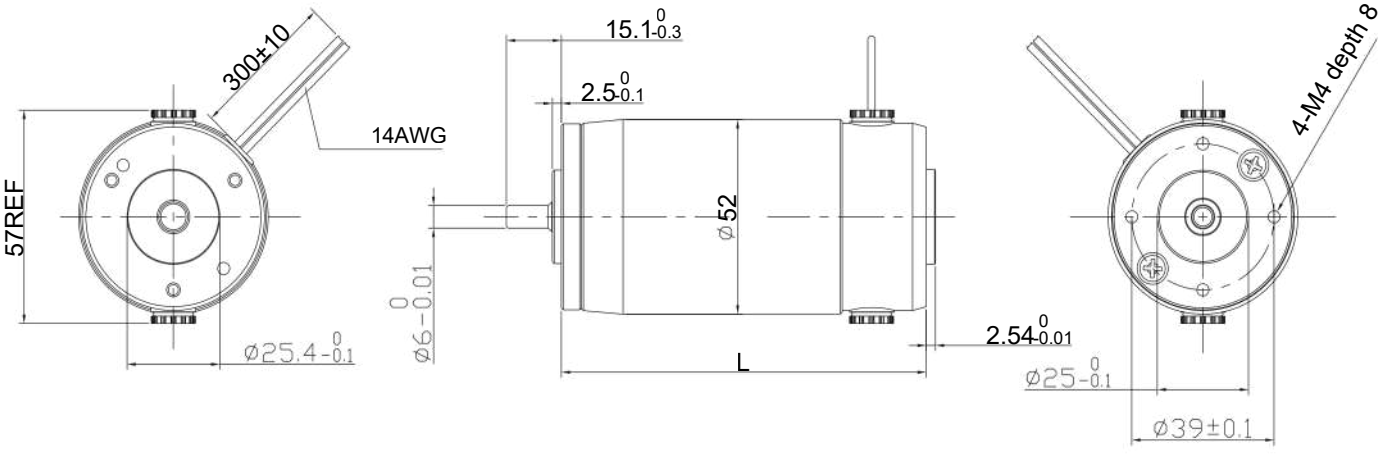
Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		nN	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
50MEC85-1242	12	0.6	4200	0.1	4.2	3000	32	85
52MEC98-1225	12	0.5	2500	0.2	3.5	1500	32	98
52MEC100-2440	24	0.3	4000	0.14	1.4	3000	45	100
54MEC95-3833	38	0.25	3300	0.15	2.1	2640	42	95
54MEC104-3837	38	0.25	3700	0.18	2.8	3000	57	104
54MEC126-4832	48	0.25	3250	0.26	2.5	2600	70	126

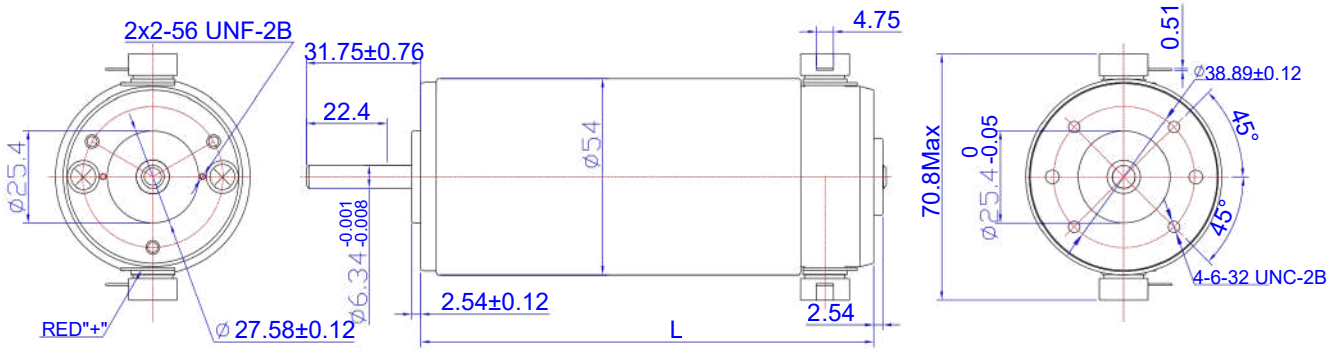
Remark:

1. This motor can be customized with special request.

2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions





PMDC Motor

» 63MEC

GeneralSpecification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance 50MΩ Min	500V DC
Dielectric Strength	600VAC 1 minute
Max Radial Force	115N (10mm from front flange)
Max Axial Force	45N



Technical Specifications

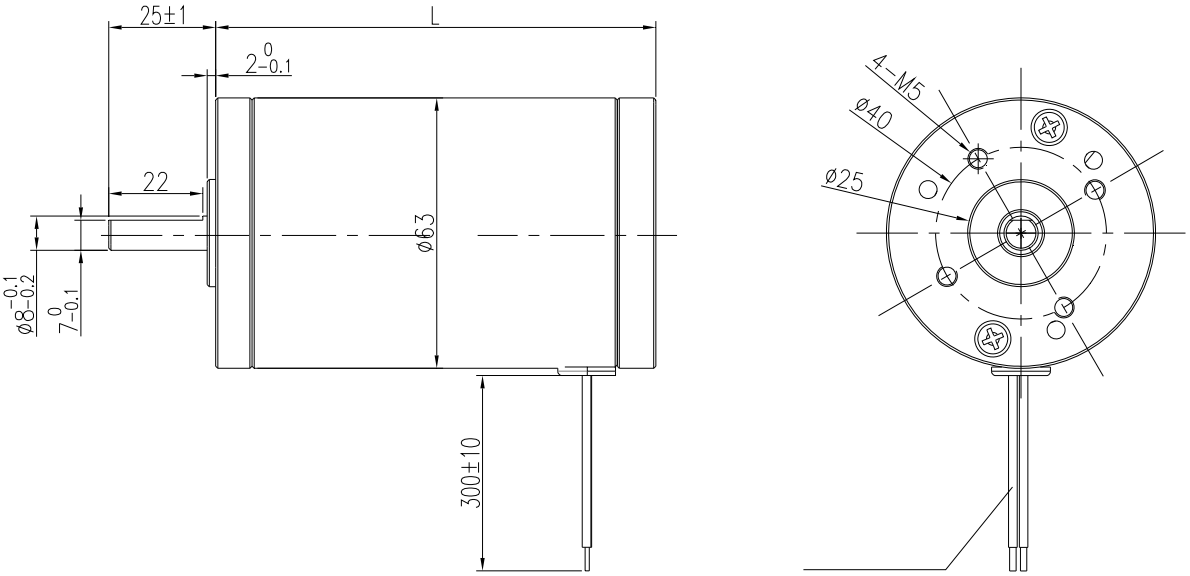
Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
63MET86-2437	24	0.3	3660	0.17	3.5	2770	50	86
63MET100-2433	24	0.3	3300	0.18	2.8	2800	53	100
63MET105-2436	24	0.3	3600	0.23	3.8	3000	72	105
63MET120-2436	24	0.3	3600	0.32	5.4	3000	100	120
63MET125-4845	48	0.5	4500	0.42	4.5	3600	158	125

Remark:

1. This motor can be customized with special request.

2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions



PMDC Motor

» 63MET

GeneralSpecification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance 50MΩ Min	500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	115N (10mm from front flange)
Max Axial Force	45N
Externalcarbonbrushes	



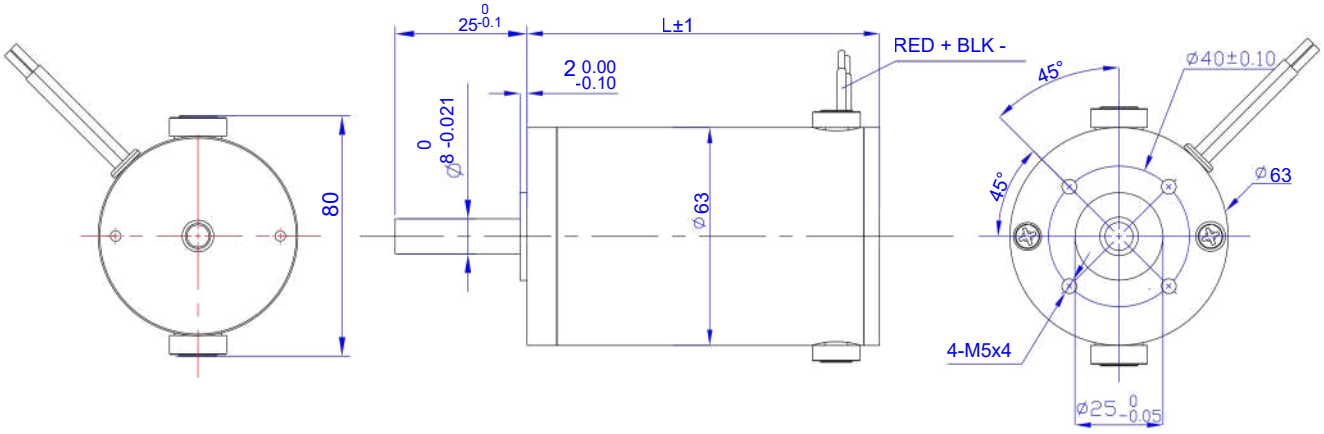
Technical Specifications

Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
63MEC100-10038	100	0.2	3800	0.11	1	3000	35	100
63MEC122-21030	210	0.2	3000	0.2	0.3	2200	46	122
63MEC122-22035	220	0.2	3500	0.42	1.2	2800	123	122
63MEC122-22049	220	0.3	4900	0.26	1.2	4300	117	122

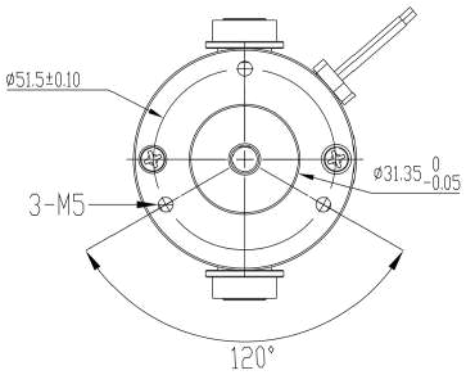
Remark:

1. This motor can be customized with special request.
2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions



Or



PMDC Motor

» 68MEC

GeneralSpecification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min.500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	115N (10mm from front flange)
Max Axial Force	45N



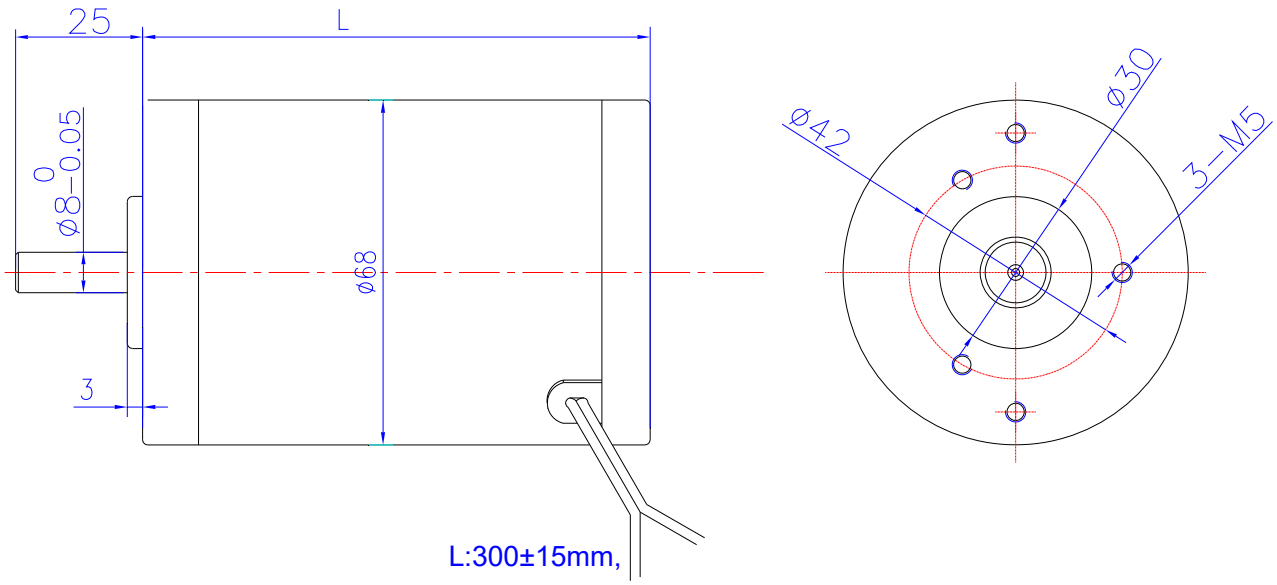
Technical Specifications

Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
68MET92-1245	12	2	4500	0.2	10	3600	75	92
68TME100-2433	24	1	3300	0.3	5	2800	88	100
68MET110-16245	162	0.5	4500	0.47	1.5	3700	185	105
68MET125-16245	162	0.5	4500	0.52	1.6	3700	200	125
68MET178-9035	90	0.3	3500	0.32	1	2900	98	178

Remark:

1. This motor can be customized with special request.
2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions



PMDC Motor

» 76MEC



General Specification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance 50MΩ Min	500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	115N (10mm from front flange)
Max Axial Force	45N

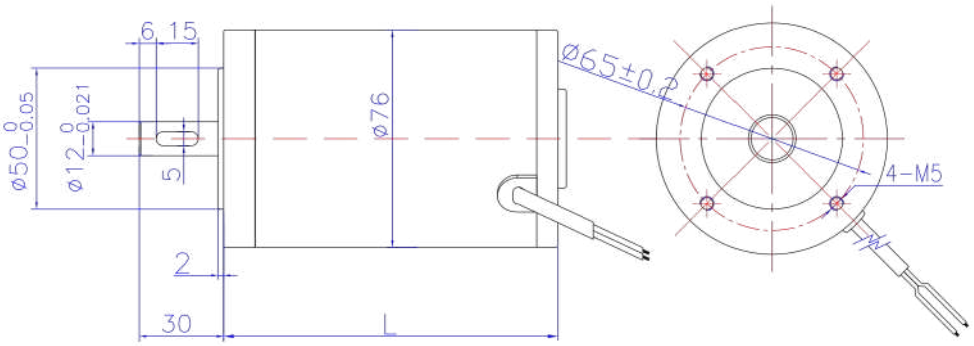
Technical Specifications

Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
76MET100-1248	12	1.1	4800	0.25	14.5	3800	100	100
76MET110-2425	24	1.0	2500	0.4	4.7	2000	85	110
76MET120-2450	24	1.8	5000	0.5	12	4000	200	120
76MET135-28060	280	0.2	6000	0.4	1.2	5000	220	135
76MET135-2434	24	0.7	3400	0.7	11	3000	220	135

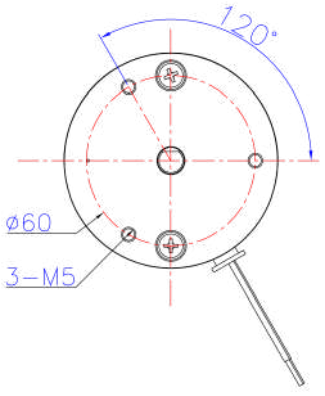
Remark:

1. This motor can be customized with special request.
2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions



Or



PMDC Motor

» 77MEC



General Specification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	115N (10mm from front flange)
Max Axial Force	45N
Externalcarbonbrushes	

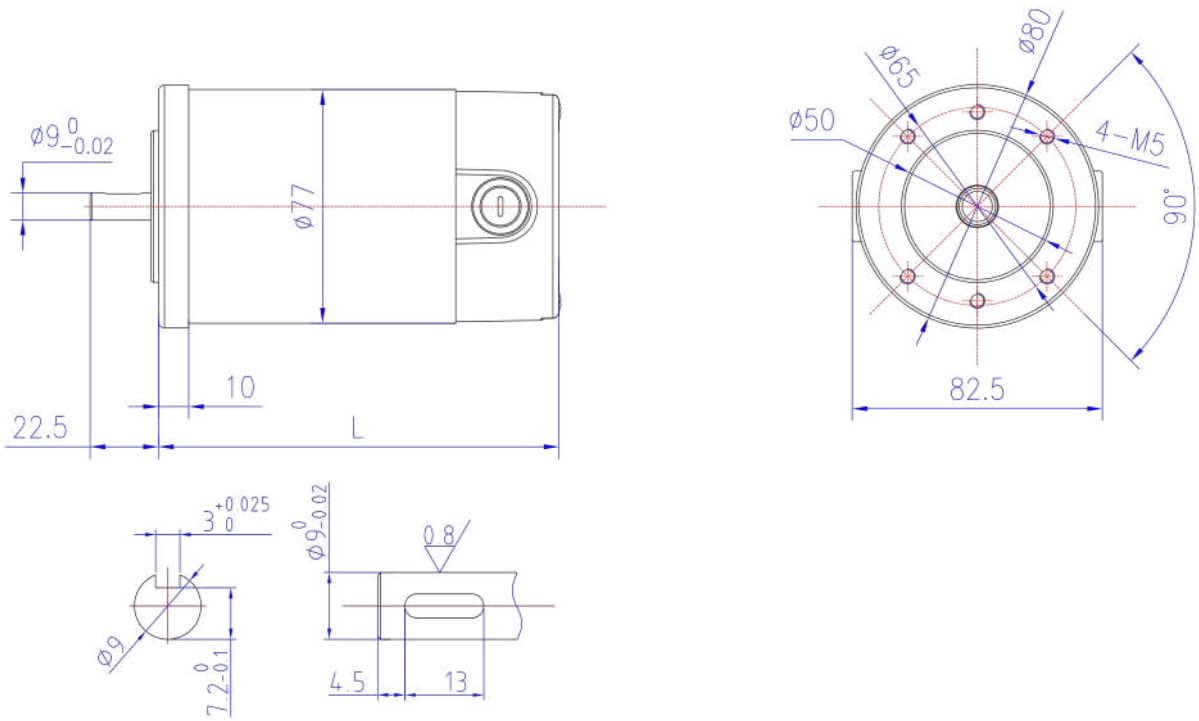
Technical Specifications

Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
77MEC110-1260	12	1.2	6000	0.4	12	2500	105	110
77MEC125-2438	24	1.0	3800	0.5	8.7	3000	157	125
77MEC135-1226	12	1.2	2600	0.6	13	2100	132	135
77MEC150-2434	24	1.0	3400	0.7	11	3000	220	150

Remark:

1. This motor can be customized with special request.
2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions



PMDC Motor

» 80MEC



General Specification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min.500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	220N (10mm from front flange)
Max Axial Force	60N

Technical Specifications

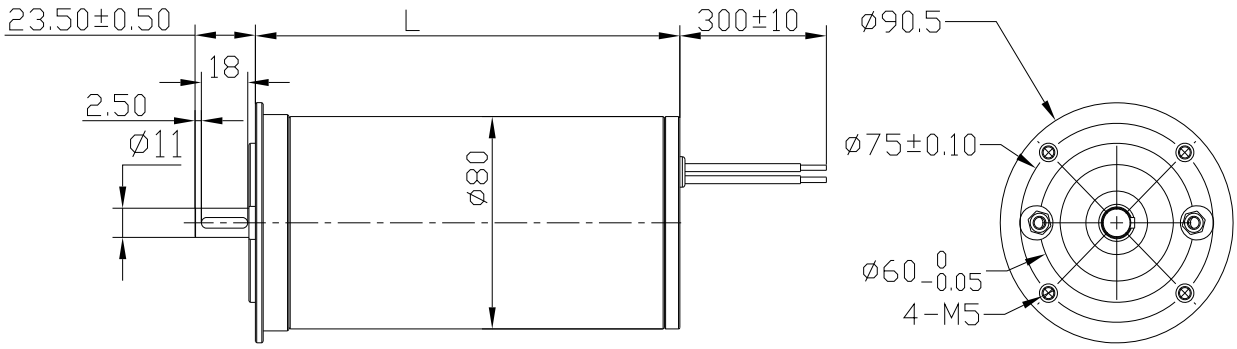
Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
80MET100-2440	24	1.0	4000	0.4	5.6	2400	100	100
80MET105-2422	24	1.0	2200	0.5	4.5	1500	80	105
80T1ME15-2431	24	1.0	3100	0.5	7.5	2500	130	115
80MET130-2438	24	1.0	3800	0.7	13.5	3300	240	130
80MET140-2438	24	1.0	3800	0.8	14	3000	250	140
80MET165-2420	24	1.0	2000	1.4	12	1500	220	165
80MET165-2438	24	1.0	3800	1.4	23	3000	440	165
80MET180-2436	24	1.0	3600	1.7	32	2600	470	180
80MET190-2418	24	1.0	1800	1.5	12	1400	220	190

Remark:

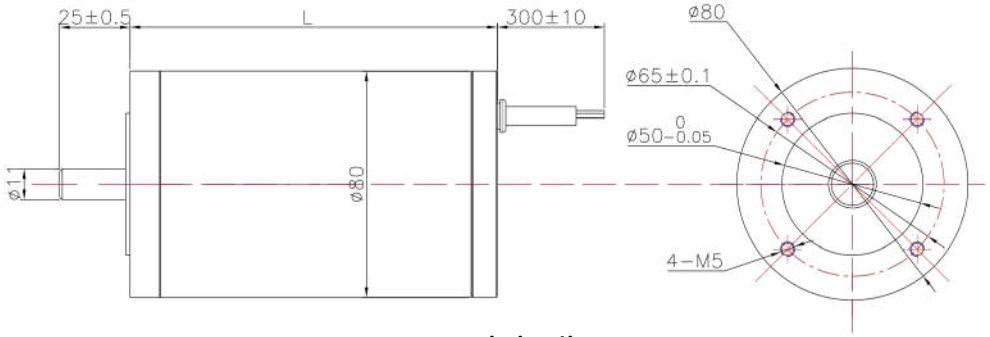
1. This motor can be customized with special request.
2. Options:Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions

63B14



56B14



PMDC Motor

» 80MEC

General Specification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min.500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	220N (10mm from front flange)
Max Axial Force	60N
Externalcarbonbrushes	



Technical Specifications

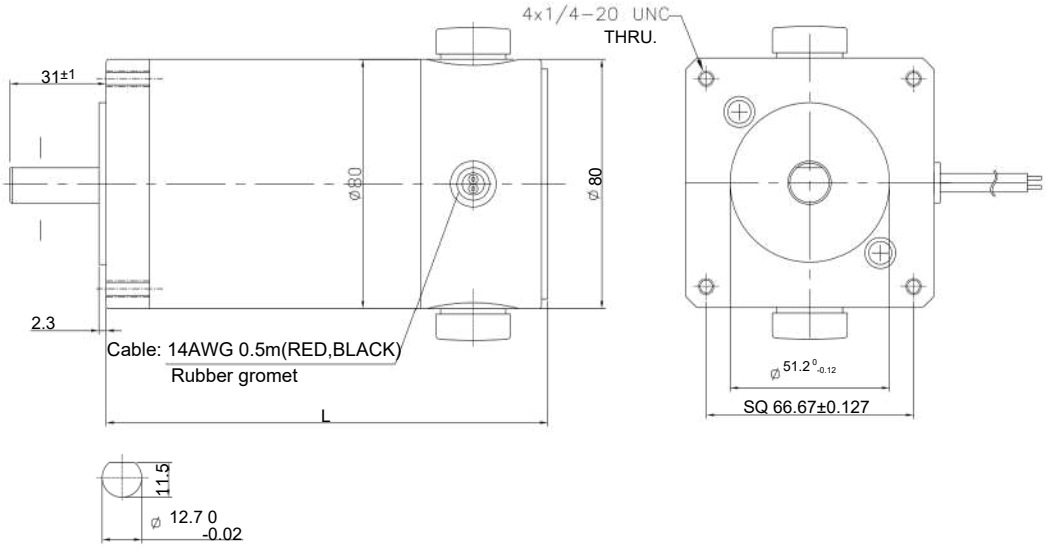
Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
80MEC136-1230	12	3	3000	0.4	10	2500	105	136
80MEC142-2430	24	1.0	3000	0.5	5	2900	150	142
80MEC147-2440	24	1.0	4000	0.6	13	3500	220	147
80MEC150-4875	48	1.5	7500	0.4	9	7000	300	150
80MEC160-1236	12	4.5	3600	0.7	28	3000	220	160
80MEC198-9035	90	1.0	3500	1.58	8.5	3000	500	198
80MEC208-9020	90	1.0	2000	0.72	2.2	1728	130	208

Remark:

1. This motor can be customized with special request.

2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions



PMDC Motor

» 82MEC

General Specification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min.500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	220N (10mm from front flange)
Max Axial Force	60N
Externalcarbonbrushes	



Technical Specifications

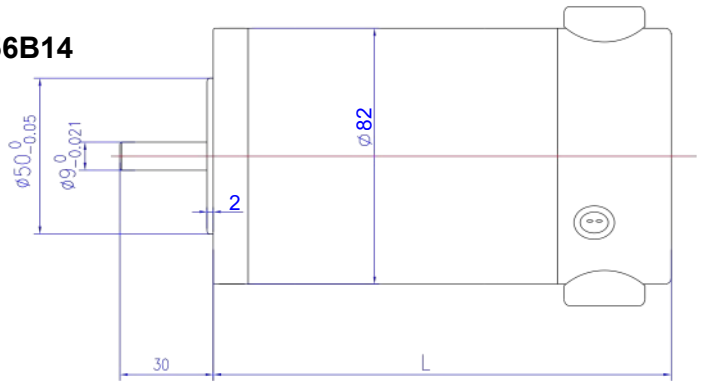
Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
82MEC143-2435	24	1.4	3500	0.55	8	3000	173	143
82MEC147-2435	24	1.4	3500	0.7	11	3000	220	147
82MEC147-22048	220	0.2	4800	0.7	1.8	4000	293	147
82MEC152-2435	24	1.5	3500	0.9	16	3000	283	152
82MEC157-2435	24	1.5	3500	1.1	19	3000	346	157
82MEC157-22036	220	0.5	3600	1.1	2.3	3000	346	157
82MEC170-4836	48	1.6	3600	1.4	11	3000	440	170

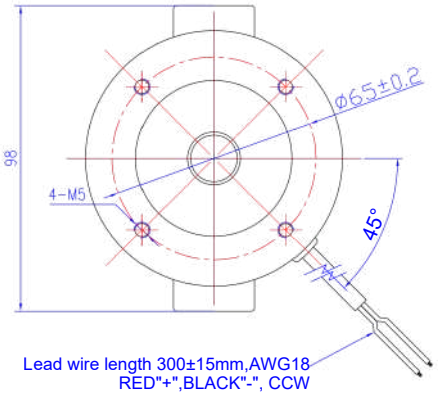
Remark:

1. This motor can be customized with special request.
2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

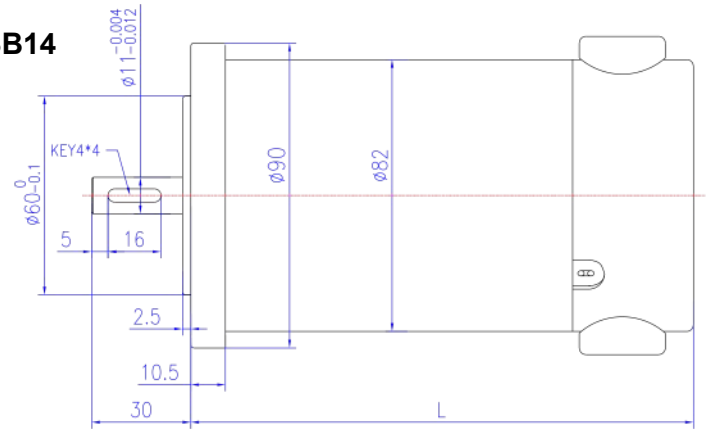
Dimensions

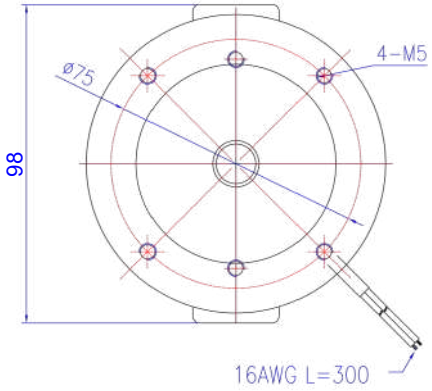
56B14





63B14





PMDC Motor

» 90MEC



GeneralSpecification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min.500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	220N (10mm from front flange)
Max Axial Force	60N
Externalcarbonbrushes	

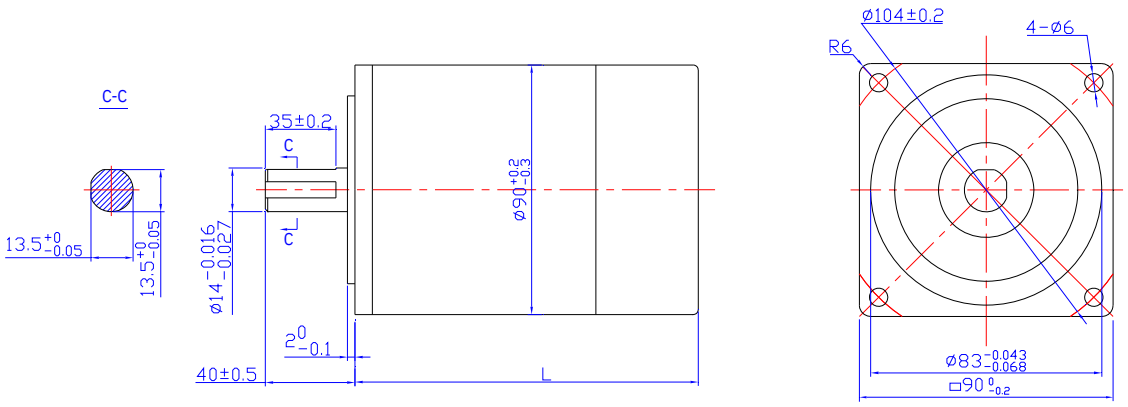
Technical Specifications

Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
90MEC140-18036	180	0.2	3600	0.9	2	3150	297	140
90MEC155-18038	180	0.2	3800	1.1	3.2	3400	390	155
90MEC165-3623	36	1.2	2300	1.2	10	1600	200	165
90MEC175-23050	230	0.2	5000	1.4	3.2	4000	586	175
90MEC195-2424	24	1.0	2400	2.2	21	1500	346	195

Remark:

1. This motor can be customized with special request.
2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions



PMDC Motor

» 100MEC/100MET/100MEN



GeneralSpecification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min.500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	330N (10mm from front flange)
Max Axial Force	100N
Externalcarbonbrushes	

Technical Specifications

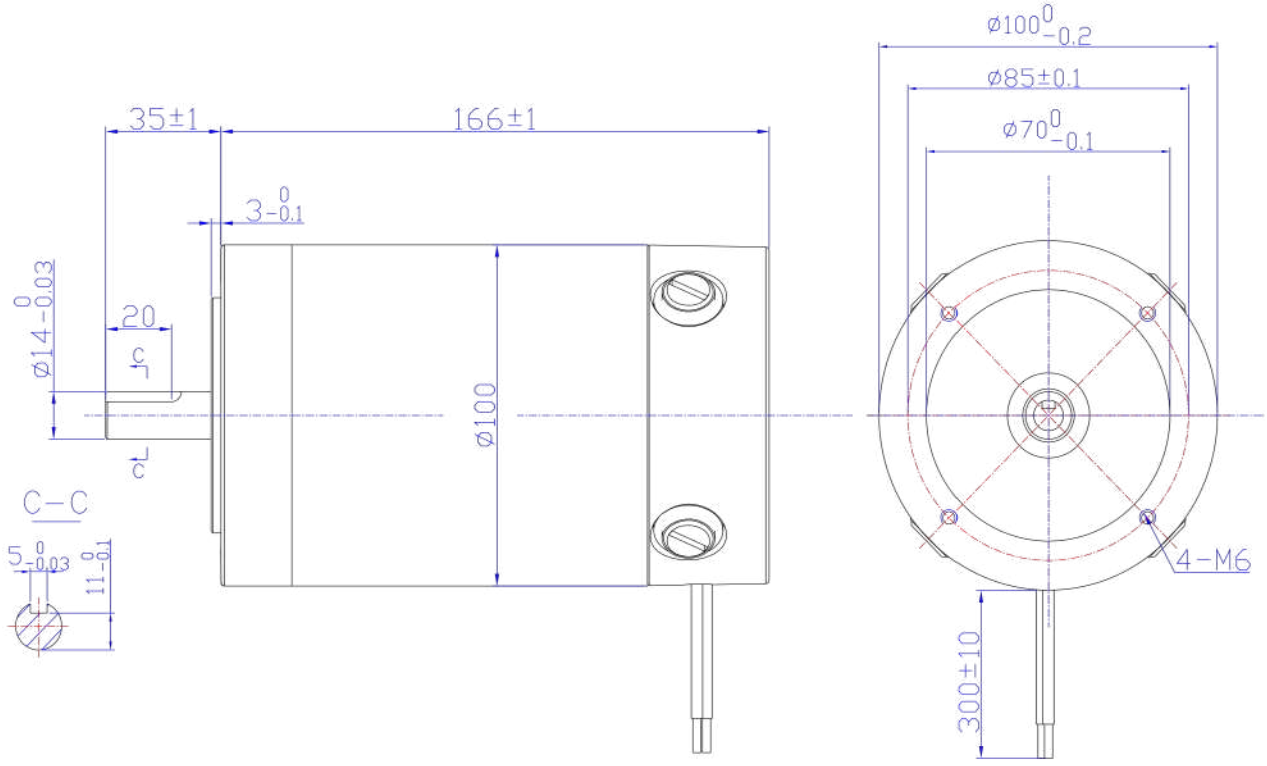
Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
100MEC166-2462-1.4	24	5	6200	1.4	44	5300	776	166
100MEC166-2415-1.8	24	2.3	1500	1.8	15	1000	188	166
100MEC166-2438-2.0	24	3	3800	2	38	3000	630	166
100MEC166-2448-2.2	24	2.5	4800	2.2	48	3500	810	166
100MEC166-4840-2.4	48	2.5	4000	2.4	22	3000	754	166
100MEC150-7508-3.7	75	0.19	750	3.7	4.2	490	190	150

Remark:

1. This motor can be customized with special request.

2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions



PMDC Motor

101MEC

General Specification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min.500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	220N (10mm from front flange)
Max Axial Force	60N



Technical Specifications

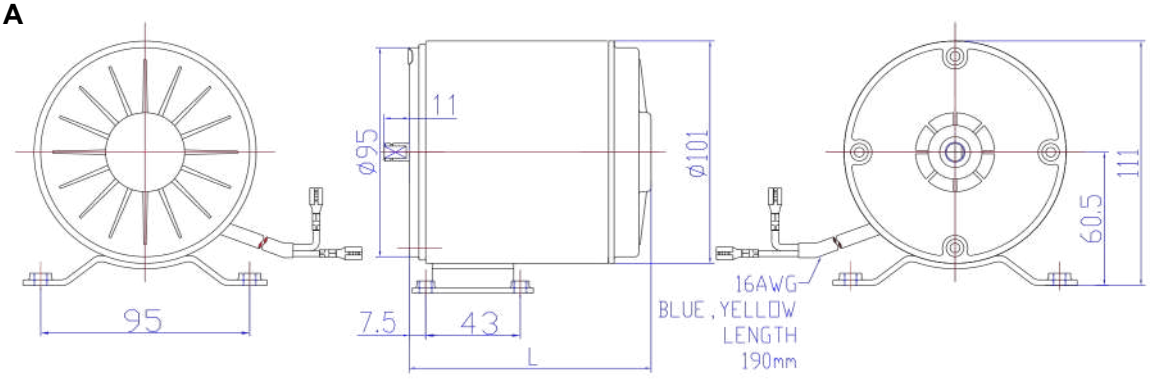
Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
101MET76-2434	24	1.2	3400	0.7	10.5	2800	205	76/A
101MET86-2434	24	1.2	3400	0.9	13.5	2800	264	86/A
101MET91-2434	24	1.6	3400	1.1	16	2800	322	91/A
101MET100-2440	24	1.5	4000	1.2	22	3000	377	100/B
101MET120-3620	36	1.8	2000	1.25	7.5	1500	200	120/B
101MET130-3620	36	1.8	2000	2	12.5	1500	314	130/B
101MET145-2433	24	2.0	3300	1.6	28	2900	485	145/B
101MET150-2438	24	2.0	3800	1.8	33	3000	570	150/B

Remark:

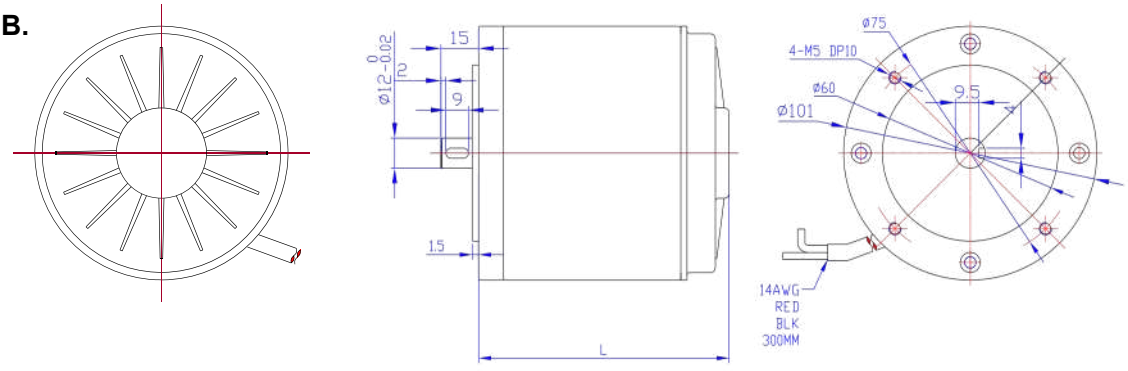
1. This motor can be customized with special request.
2. Options:Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions

A



B.



PMDC Motor

» 110MEC

General Specification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min.500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	330N (10mm from front flange)
Max Axial Force	100N
Externalcarbonbrushes	



Technical Specifications

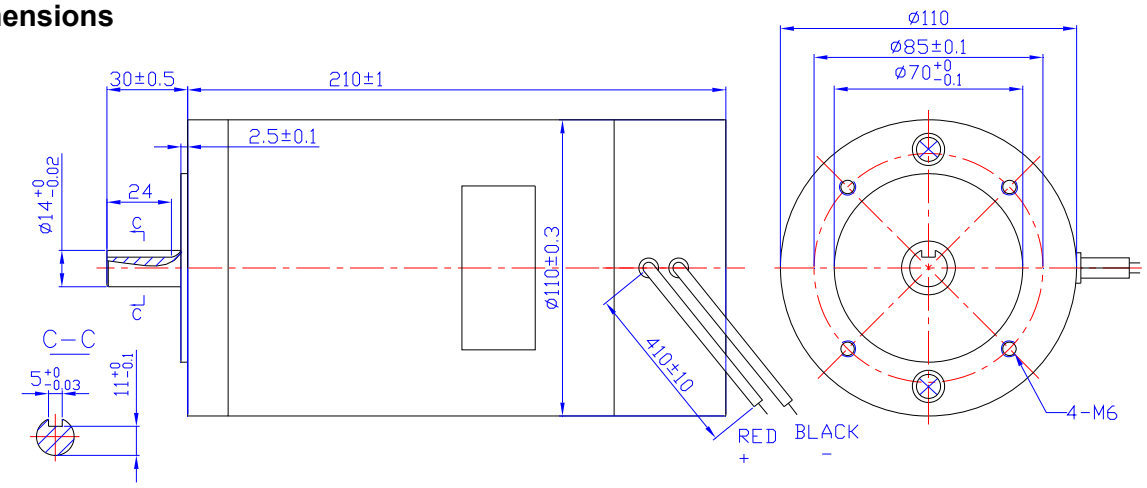
Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		nN	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
110MEC210-2434-1.6	24	4	3400	1.6	30	3100	520	210
110MEC210-1218-1.7	12	6	1800	1.7	30	1500	267	210
110MEC210-22053-2.2	220	0.3	5300	2.2	7.0	4700	1000	210
110MEC210-22033-2.5	220	0.3	3300	2.5	4.5	3000	785	210

Remark:

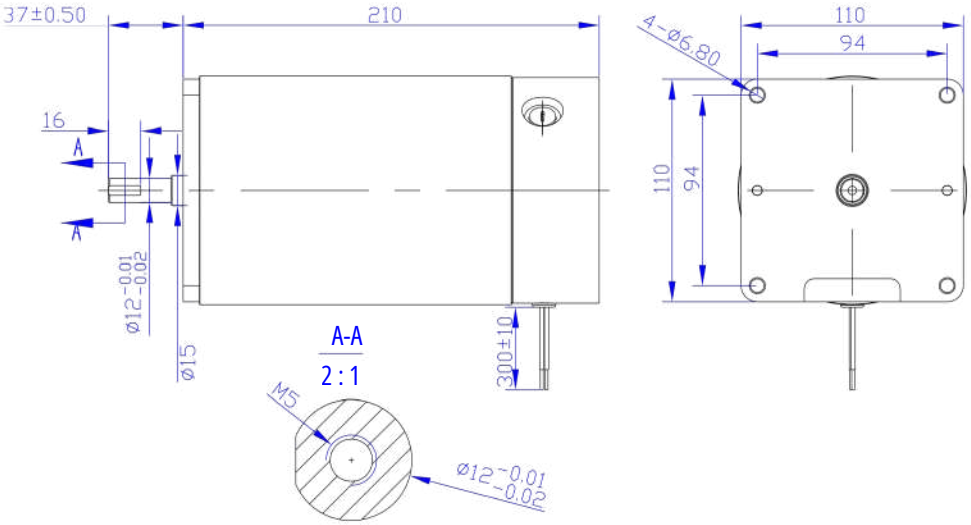
1. This motor can be customized with special request.
2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.

Dimensions

A.



B.



PMDC Motor

» 114MEC

GeneralSpecification

Insulation Class	B
Ambient Temperature -20	℃~+50℃
Insulation Resistance	50MΩ Min.500V DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	220N (10mm from front flange)
Max Axial Force	60N



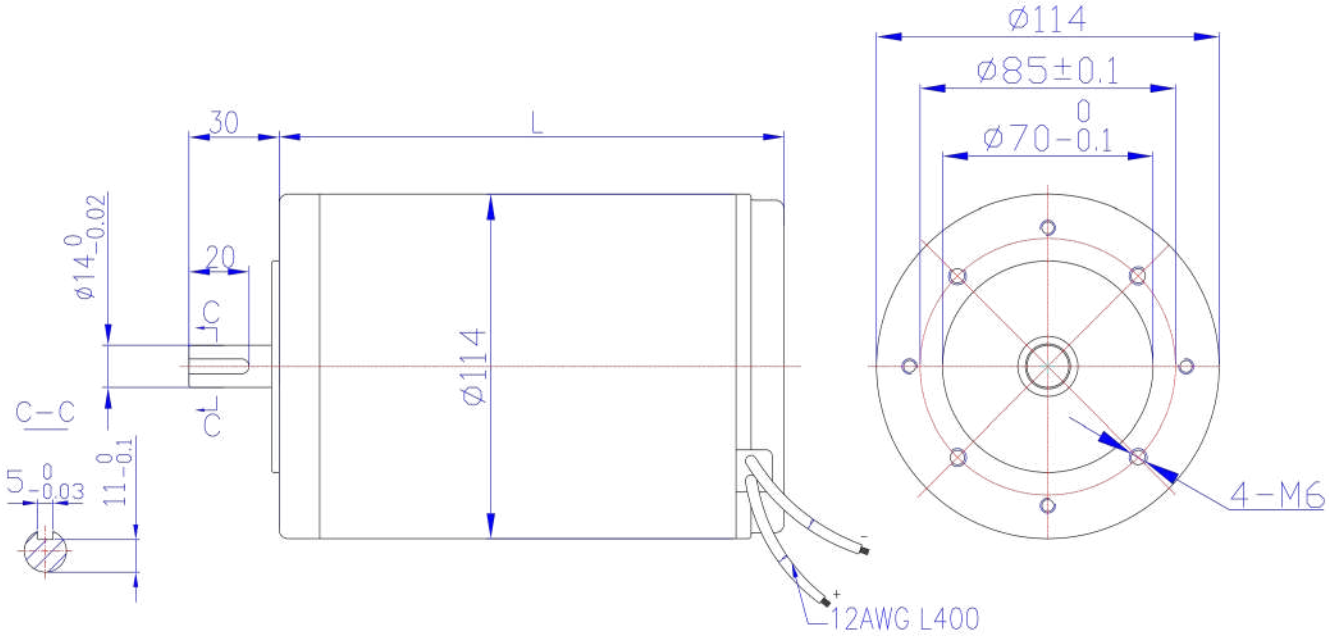
Technical Specifications

Model	Rated voltage	No-load current	No-load speed	Rated torque	Rated current IN	Rated speed	Rated output power	Motor Length
	U	I0	n_0	TN		n_N	Pout	L
	V	A	rpm	N.m	A	rpm	W	mm
114MET145-1232	12	2.8	3200	1.1	35	2800	322	145
114MET156-4840	48	1.8	4000	1.7	16	3500	623	156
*114MET165-4845	48	1.8	4500	2.6	28	4000	1100	165
*114MET170-2445	24	4	4500	2.6	60	4000	1100	170
114MET170-1218	12	3	1800	2.0	32	1500	315	170
114MET190-2430	24	4	3000	4.0	45	1800	750	190
114MET190-4840	48	3	4000	2.2	21	3500	800	190

Remark:

1. This motor can be customized with special request.
2. Options: Planetary gearhead; Round or square front flanges; Encoder; Brake.
3. * Working duty cycle: S2-3 minutes

Dimensions







MECWIN Global Customers



International Compliance Support

- Products can be designed and validated for applicable:
- IEC and EN standards
- CE conformity requirements
- UL and CSA requirements
- RoHS and REACH compliance
- ATEX requirements for hazardous-area applications
- MIL-STD environmental testing requirements
- Customer-specific testing and qualification standards

Certifications and third-party testing can be undertaken based on product application, destination country and customer requirements.

Partner with Mecwin

From Agriculture to Aviation, Mecwin delivers engineered motor solutions for global applications. Design in India. Manufacture in Bengaluru. Supply to the World.

CONTACT US



Our Service & Support team are directly accessible in 18+ states in India.
MECWIN's trained service engineers can help with site survey, system sizing, installation, commissioning and on time service support.



Mecwin Technologies India Pvt.Ltd

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Overseas Office
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