



# PRODUCT CATALOG

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# COMPANY INTRODUCTION



Suzhou Shengyi Motor Co., Ltd. was established in 2003, a leading manufacturer specialized in the research, development, production, sales and service of the electric bicycle motor. The products are popular all over the world.

Passed CE, ISO9000, ROHS and 3C certification.

Our head office and development center and manufactory located in Suzhou China, close to Shanghai. At the meanwhile, we have sales-office in Tianjin China, production manufactory in Taiwan, after-sale service center in germany...thus shorten the distance with customers and provide excellent service.

We will keep going further with our mission, innovation, creation for your better life.



## MAIN PRODUCTS

SHENGYI focus on the development and production of center &front &rear e-bike motor and its complete system.

## ABOUT SHENGYI

The corporation has passed CE, ISO9000, ROHS and 3C certification.

## SHENGYI PHILOSOPHY

For more than 17 years, SHENGYI has scrupulously abided by rules of market, and provided the worldwide clients with best products and services.

## PATENT AND CERTIFICATE





# CMT07











Small size for decent shape  
High precision torque sensor



## MOTOR ADVANTAGES

- 1、Ligth weight 3.3kg
- 2、 Small size
- 3、 85N.m max.torque
- 4、 Smoothy and quiet

## MAIN PARAMETER

 <b>Rated voltage</b> 36V	 <b>Rated power</b> 230W~250W	 <b>Max.torque</b> 85N.m	 <b>Speed</b> 25km/h	 <b>Gear speed ratio</b> 1 : 10.375
 <b>Numbers of magnet</b> 14	 <b>Efficiency</b> ≥80 %	 <b>Noise geade(db)</b> ≤55dB	 <b>Working tem range</b> -20℃~45 ℃	 <b>Weight</b> 3.3Kg


























# CMT03P

More power.  
More assistance.  
MTB e-bike  
120N.m max torque



## MAIN PARAMETER

 <b>Application</b> Mid motor	 <b>Model</b> CMT03P	 <b>E-bike model</b> Gravel / MTB	 <b>HMI</b> UART	 <b>Wheel size (inch)</b> 20"-29.5"	 <b>Construction</b> Two-stage gearing
 <b>Reduction gear ratio</b> 1 : 31.11	 <b>Rated voltage (dcv)</b> 36V~48V	 <b>N0 (rpm)</b> 100	 <b>Rated power (w)</b> 350	 <b>Nt (rpm)</b> 90	 <b>Max torque (N.m)</b> 120
 <b>Efficiency (%)</b> ≥80	 <b>Pedal sensor</b> Torque	 <b>Color</b> Black	 <b>Weight (kg)</b> 3.5	 <b>Noise grade (db)</b> ≤55	 <b>Operating temperature</b> -20~45
 <b>Walk assistance</b> Y	 <b>E-brake</b> Y	 <b>Rear light</b> 6V/3W	 <b>Certifications</b> EN15194	 <b>Tests</b> IP65	



# CMT03













High precision torque sensor  
Modular structure  
Customizable motor case



## MOTOR ADVANTAGES

- 1、Powerful, strong climbing capability, smoothly
- 2、Integrated controller &high precision torque sensor
- 3、Modular installation
- 4、Light weigh 3.5 kg; customizable motor case
- 5、Forging bracket for connecting motor to frame
- 6、High efficiency, comfortable riding feel, powerful, low consumption and environmental
- 7、Safe, reliable and excellent performance.

## MAIN PARAMETER

 <b>Rated voltage</b> 36V~48V	 <b>Rated power</b> 250W	 <b>Max power</b> 500W	 <b>Max.torque</b> 110N.m	 <b>Power assistance ratio</b> 1 : 3~3 : 1	 <b>Speed</b> 25km/h
 <b>Gear speed ratio</b> 1 : 31.11	 <b>Numbers of magnet</b> 16	 <b>Efficiency</b> ≥80%	 <b>Noise geade(db)</b> ≤55dB	 <b>Working tem range</b> -20℃~45 ℃	 <b>Weight</b> 3.5Kg



# CMT01N

TORQUE SENSOR



## MOTOR ADVANTAGES:

- 1、 Powerful, strong climbing capability

2、 Internal controller and high precision torque sensor

3、 Compact size and decent shape, weigh about 4.6 kg
- 4、 Special installation bracket connects with frame

5、 High efficiency, comfortable ride feeling, powerful, low consumption and environmental

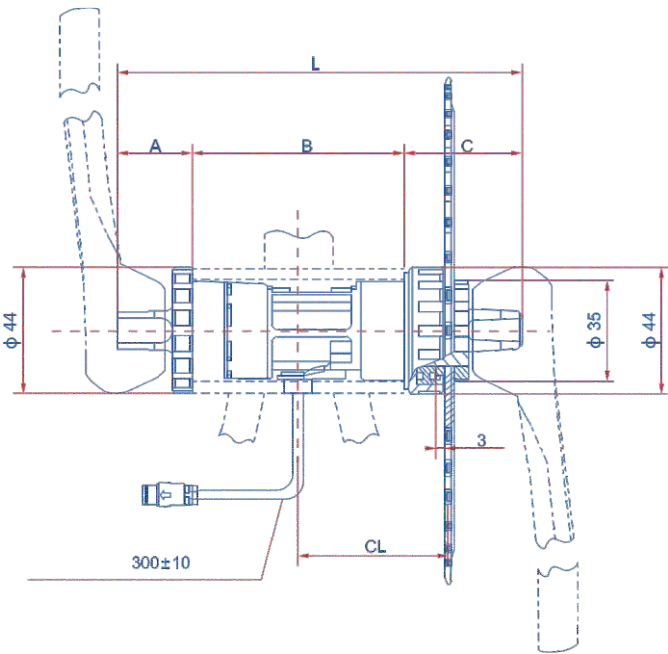
6、 Safe, reliable and excellent performance

## MAIN PARAMETER:

				
Rated voltage	Rated power	Max.torque	Power assistance ratio	Speed
36V~48V	500W	90N.m	1 : 3~ 3 : 1	25km/h

# TSB1


TORQUE SENSOR





L	A(mm)	B(mm)	C(mm)	CL(mm)
140	26	73(68)	41	52.5
167	26	100	41	65.5


Remarks (when using 68 tee, add a 2.5mm adjusting gasket on both sides)


## MAIN PARAMETER:


- 


Input voltage(v)  
4.8V~5.2V
- 


Working current  
35mA Max
- 


Input voltage ripple noise  
<50dB
- 


Signal output 0 point voltage  
0.47V~0.5V
- 


Torque signal output voltage  
0.5V~3V
- 


Signal output ratio  
30mv/N.m
- 


Torque measurement range  
0~70N.m
- 


Maximum torque  
400N.m
- 


The number of pedal in one circle(pulse)  
16 pulse of each side
- 


Weight(kg)  
0.386kg ( without chainwheel )
- 

Bicycle five-port  
68/73/100
- 

Working temperature  
( -25°C~85°C )
- 

Detection torque way  
Strain gage
- 

Protection level  
IPX7
- 

Torque measurement accuracy  
2%
- 

Certification  
ISO 13849(2015), EN15194(2017)



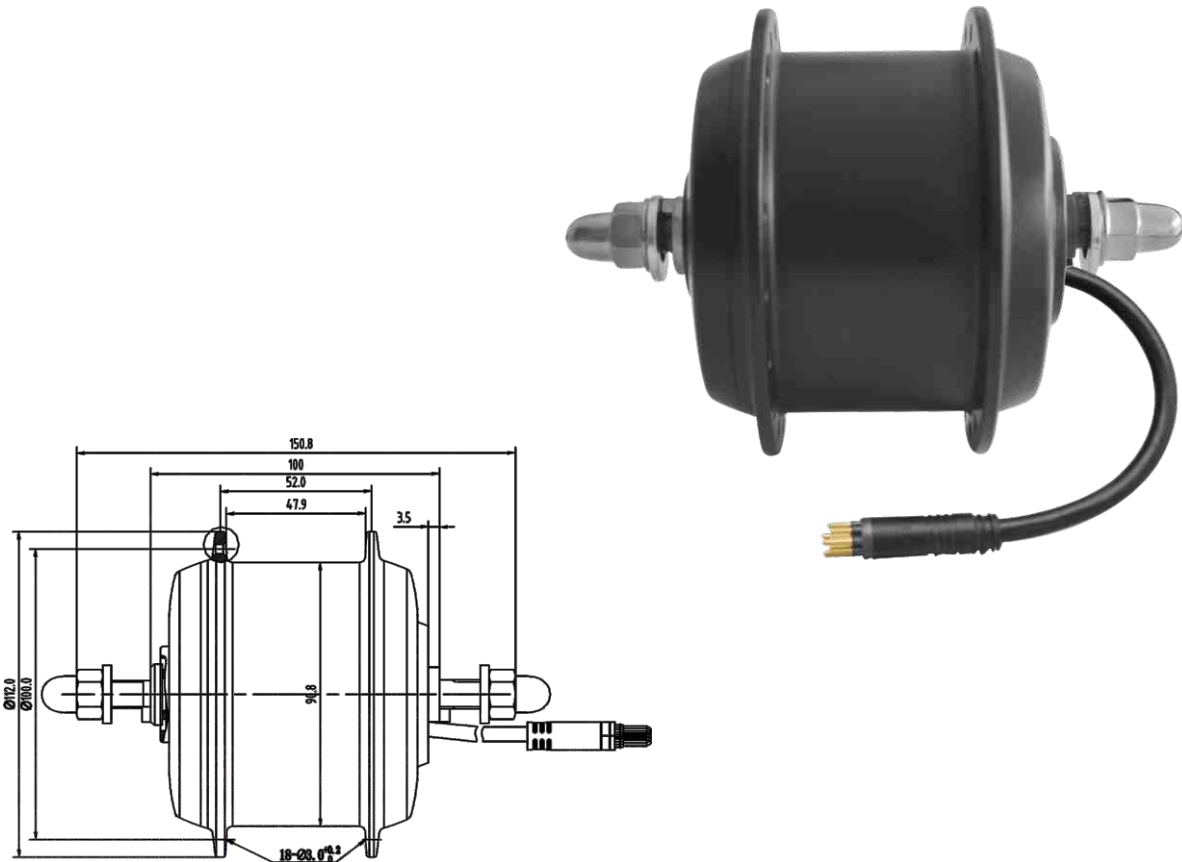


Front Drive Motor  
**CITY BIKE** ▶



















DGWQ1

Small light front motor(Road bike, Folding bike)



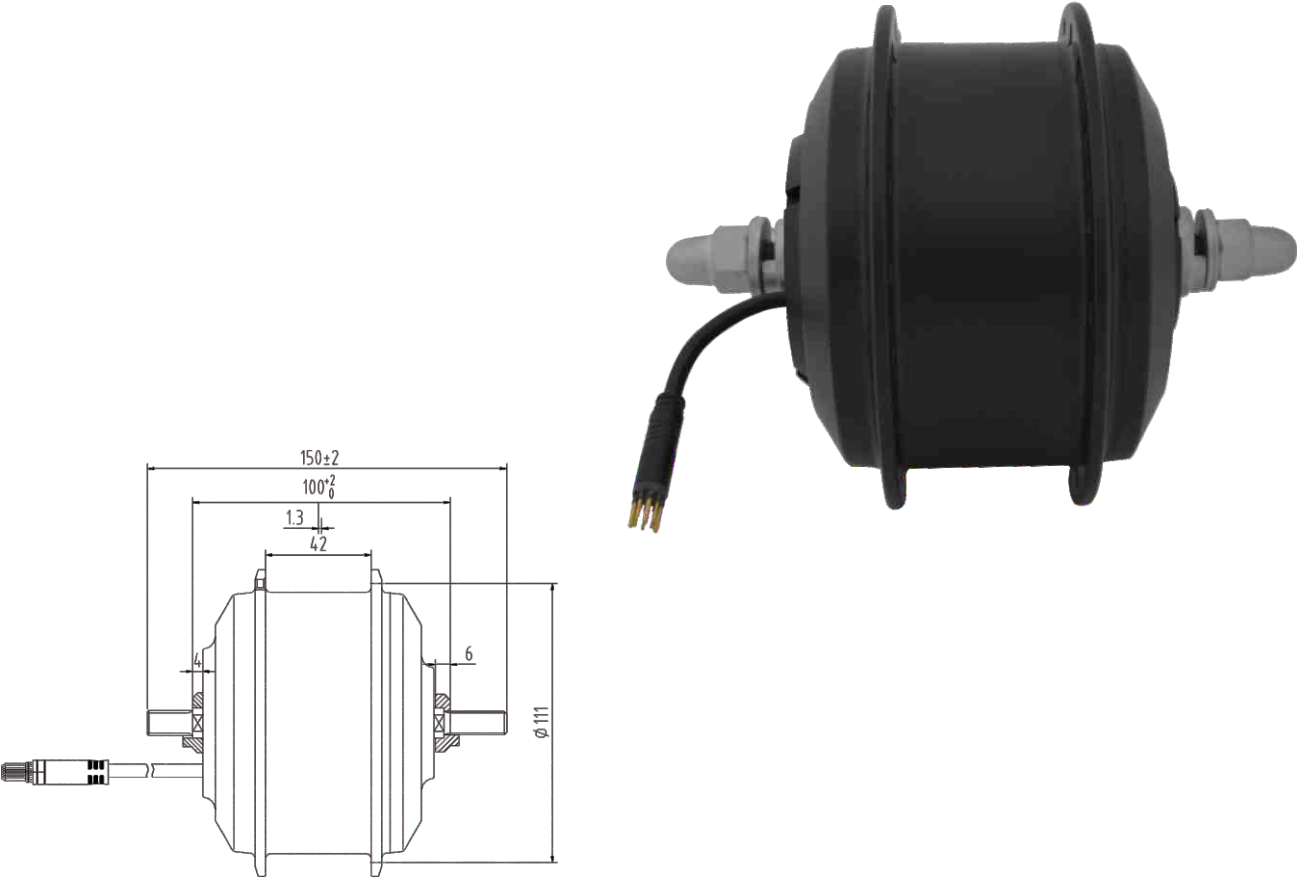
MAIN PARAMETER:

 Driving position Front	 Wheel size 16in-24in	 Spoke 13G,36holes hole diameter 3.2-3.4mm	 Rated power 180W~230W	 Rated voltage 24V~36V	 Max.torque ≥20N.m
 Efficiency ≥80%	 Cable side Right	 Number of magnet 14	 Reduction gear ratio 1:11.66	 Installation dimension 100mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Brake V-brake	 Classification of waterproof IPX5	 Weight 2.0Kg		



















DGW10F

Small size brushless hub motor front

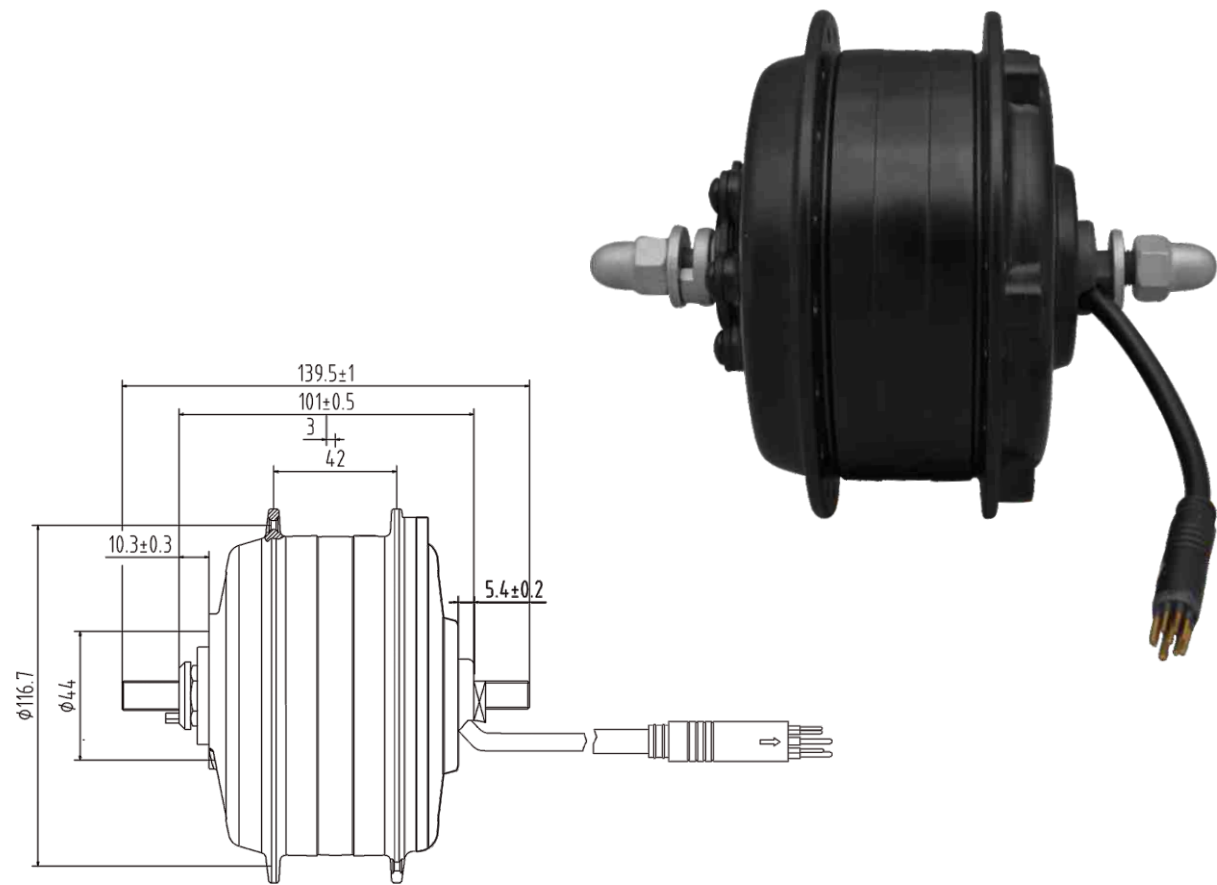


MAIN PARAMETER:

















 Driving position Front	 Wheel size 16in-28in	 Spoke 20holes/36holes 12G/13G	 Rated power 180W~250W	 Rated voltage 24V~36V	 Max.torque ≥35N.m
 Efficiency ≥80%	 Cable side Left	 Number of magnet 16	 Reduction gear ratio 1:6.28	 Installation dimension 100mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Brake V-brake	 Classification of waterproof IPX5	 Weight 2.2Kg		

DGW23ND

Front drive small size brushless hub motor (City bike)



MAIN PARAMETER:

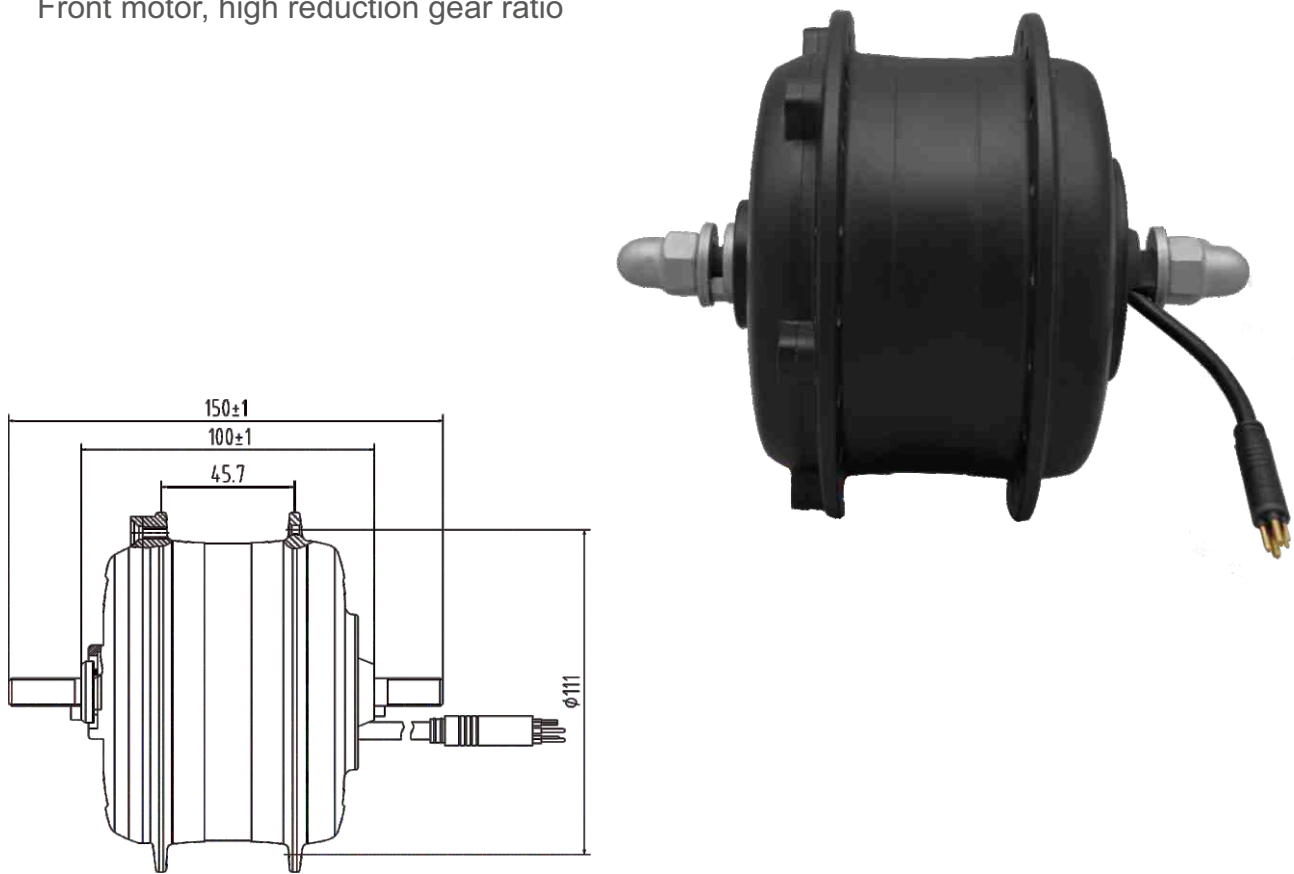
 Driving position Front	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 250W~300W	 Rated voltage 36V~48V	 Max.torque ≥40N.m
 Efficiency ≥80%	 Cable side Right	 Number of magnet 16	 Reduction gear ratio 1:7.5	 Installation dimension 101mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Brake Disc brake/v-brake	 Classification of waterproof IPX5	 Weight 2.4Kg		



















DGW12NM

Inner Rotor

Front motor, high reduction gear ratio



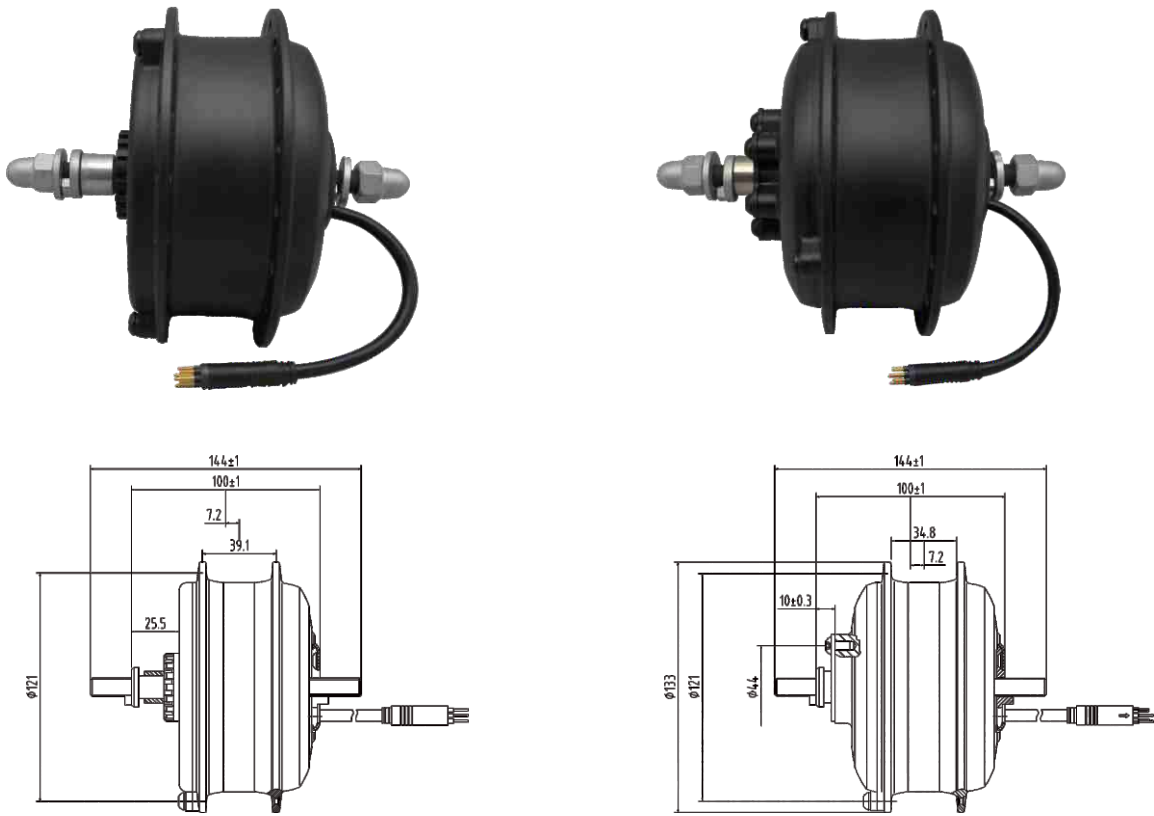
MAIN PARAMETER:

 Driving position	 Wheel size	 Spoke	 Rated power	 Rated voltage	 Max.torque
Front	16in-28in	36holes 13G	180W~250W	24V~36V	≥40N.m
 Efficiency	 Cable side	 Number of magnet	 Reduction gear ratio	 Installation dimension	 Inside speed sensor
≥80%	Right	16	1:11.66	100mm	1~6
 Hall sensor	 Brake	 Classification of waterproof	 Weight		
With/Without	V-brake	IPX5	2.0Kg		

















DGW12NR, 12ND

Inner Rotor

Small, light weight brushless hub motor ( Roller/Disc brake )



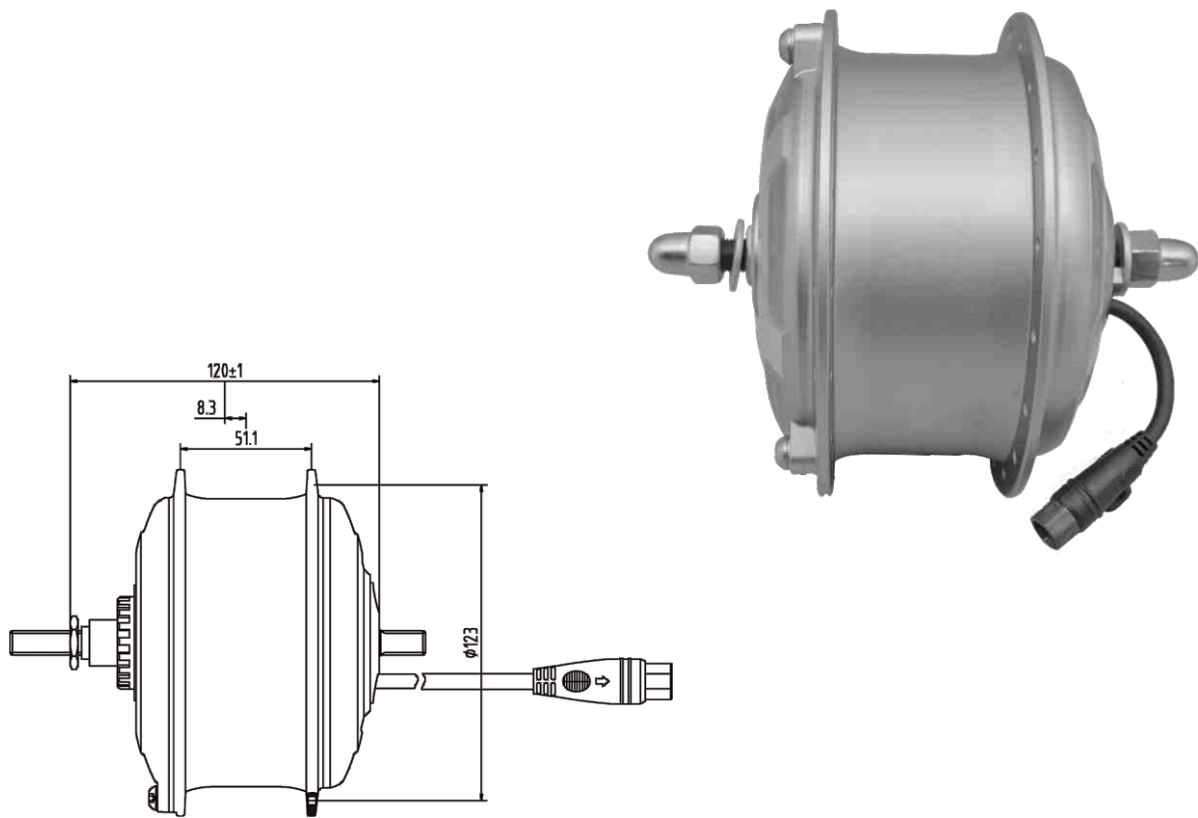
MAIN PARAMETER:

 Driving position	 Wheel size	 Spoke	 Rated power	 Rated voltage	 Max.torque
Front	20in-28in	36holes 13G	180W~250W	24V~36V	≥40N.m
 Efficiency	 Cable side	 Number of magnet	 Reduction gear ratio	 Installation dimension	 Inside speed sensor
≥80%	Right	16	1:12	100mm	1~6
 Hall sensor	 Brake	 Classification of waterproof	 Weight		
With/Without	Roller-brake Disc-brake	IPX5	1.95Kg		



















DGW11

Small size brushless front hub (For Giant)

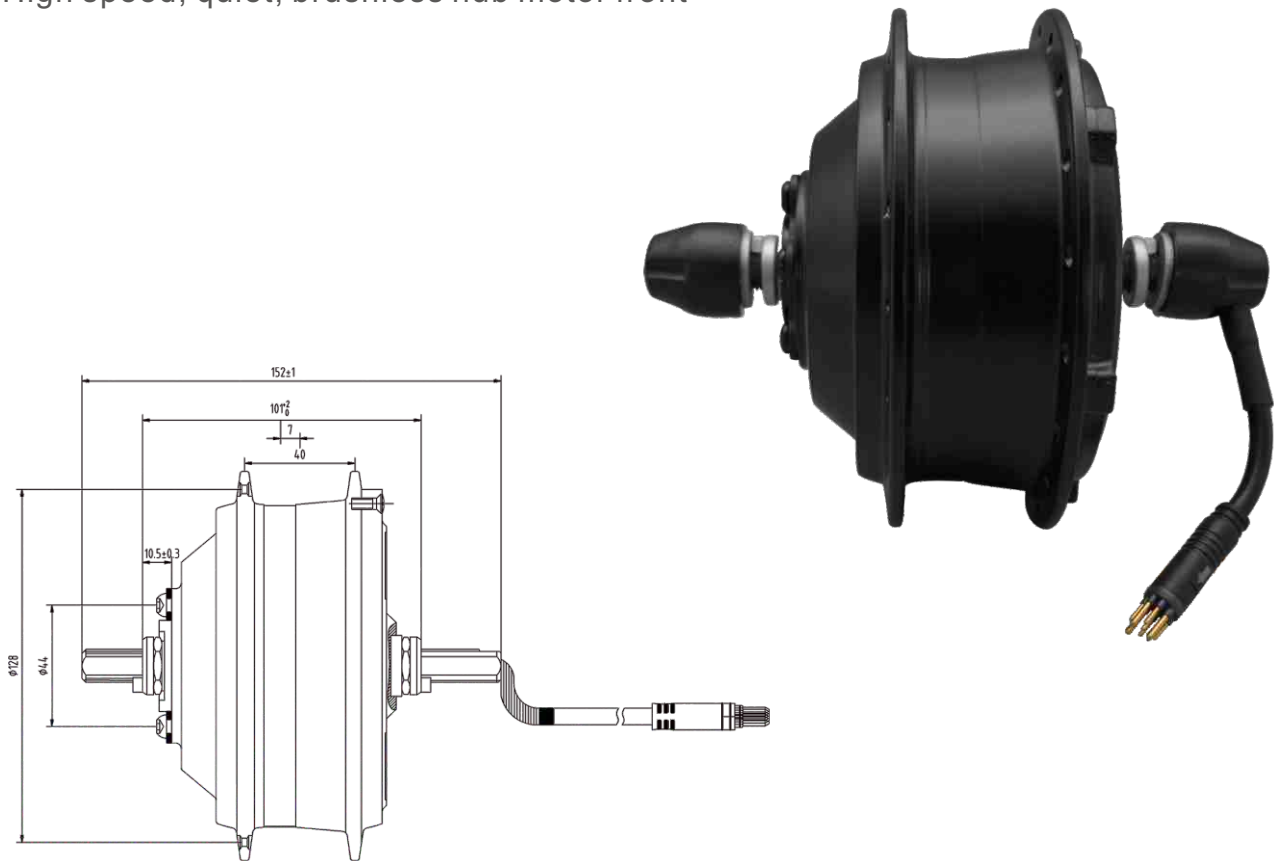


MAIN PARAMETER:

















 Driving position	 Wheel size	 Spoke	 Rated power	 Rated voltage	 Max.torque
Front	16in-28in	36holes 12G/13G	180W~250W	24V~36V	≥40N.m
 Efficiency	 Cable side	 Number of magnet	 Reduction gear ratio	 Installation dimension	 Inside speed sensor
≥80%	Right	16	1:8	120mm	1~6
 Hall sensor	 Brake	 Classification of waterproof	 Weight		
With/Without	Roller-brake	IPX5	2.3Kg		

DGWH1

Helical gear  
High speed, quiet, brushless hub motor front



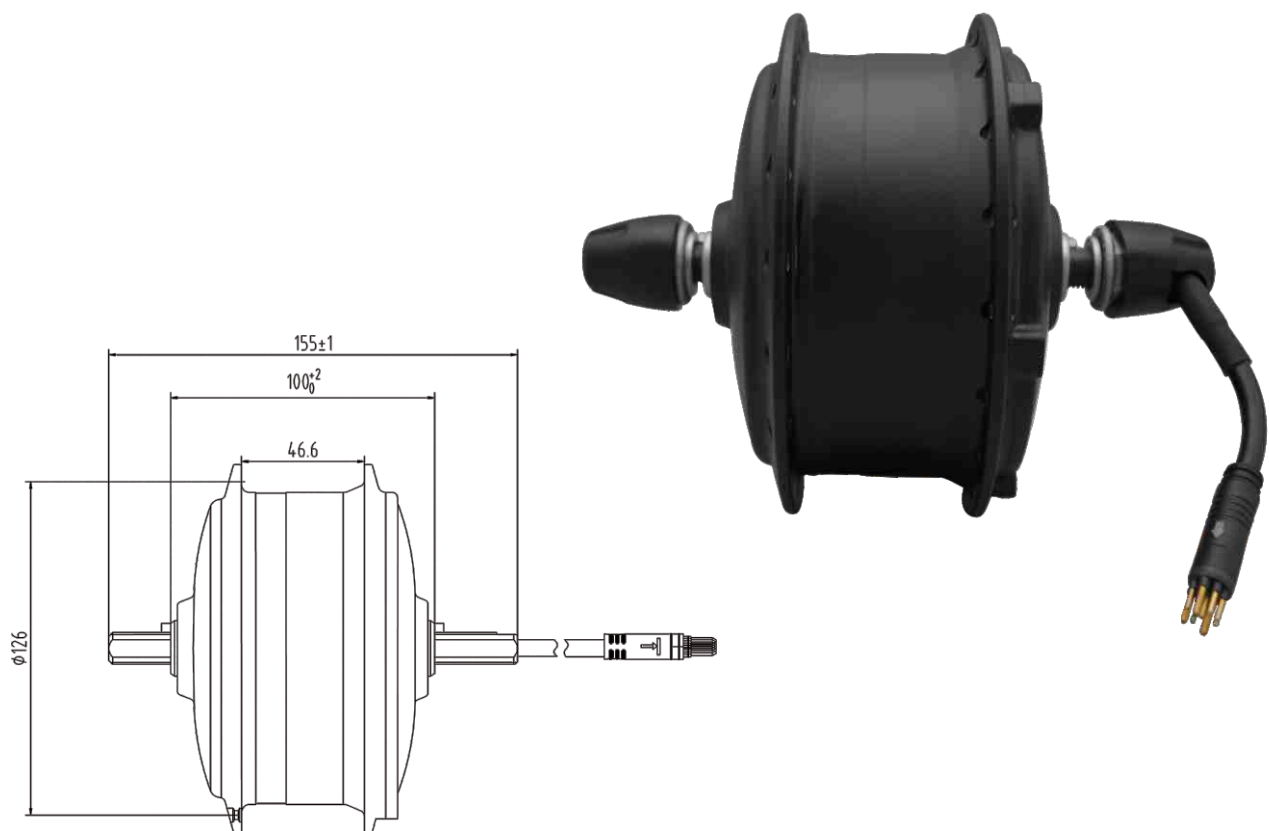
MAIN PARAMETER:

 Driving position	 Wheel size	 Spoke	 Rated power	 Rated voltage	 Max.torque
Front	16in-28in	36holes 12G/13G	250W~300W	36V~48V	≥40N.m
 Efficiency	 Cable side	 Number of magnet	 Reduction gear ratio	 Installation dimension	 Inside speed sensor
≥80%	Right	20	1:5.2	100mm	1~6
 Hall sensor	 Brake	 Classification of waterproof	 Weight		
With/Without	Disc brake/V-brake	IPX5	2.8Kg		



















DGWX7

High speed brushless motor hub front

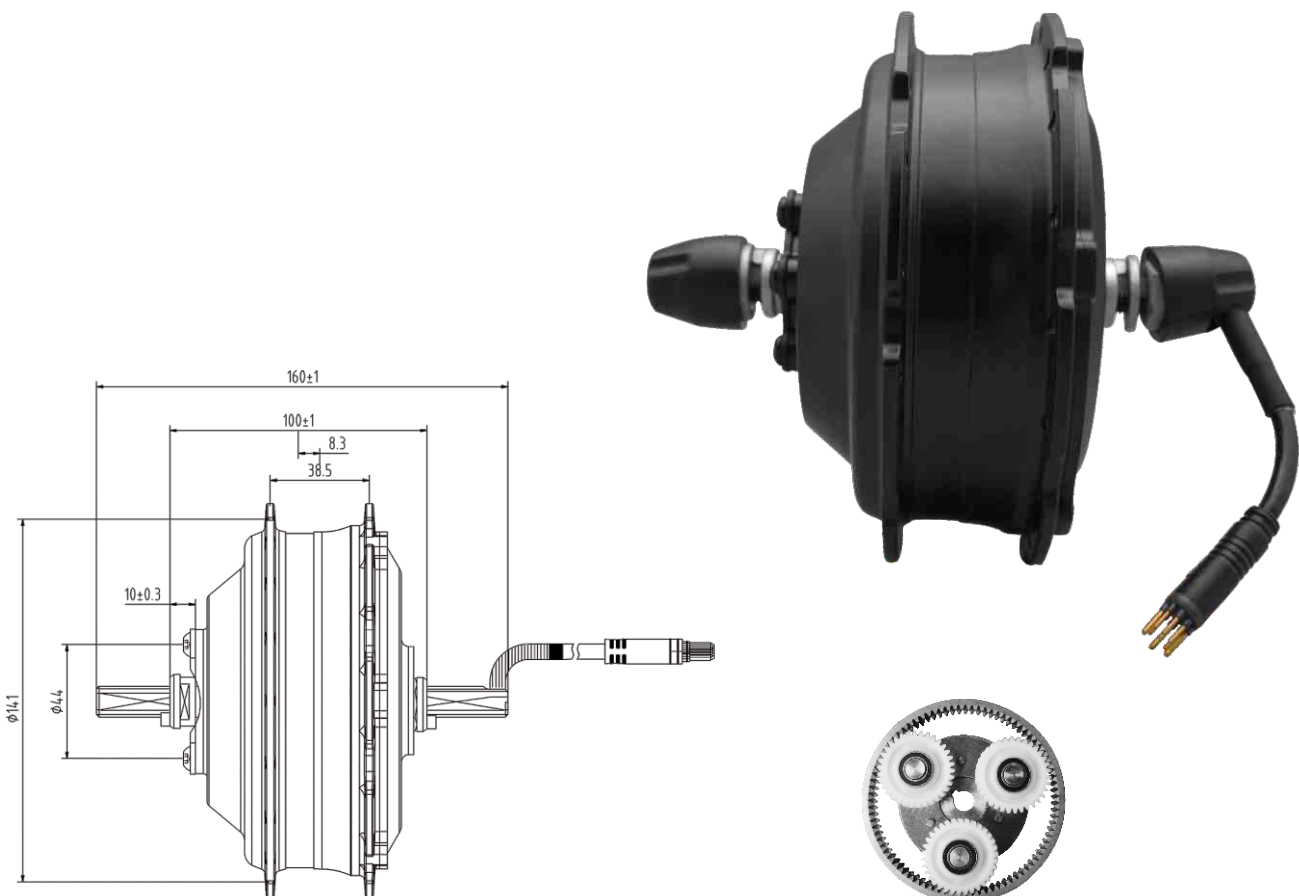


MAIN PARAMETER:

 Driving position Front	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 250W	 Rated voltage 24V~36V~48V	 Max.torque ≥40N.m
 Efficiency ≥80%	 Cable side Right	 Number of magnet 16/20	 Reduction gear ratio 1:4.3	 Installation dimension 100mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Brake V-brake	 Classification of waterproof IPX5	 Weight 3.4Kg		

















DGWX1

High speed brushless motor front (Disc brake)



Helical bevel gear

MAIN PARAMETER:

 Driving position Front	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 250W~350W	 Rated voltage 36V~48V	 Max.torque ≥50N.m
 Efficiency ≥80%	 Cable side Right	 Number of magnet 30	 Reduction gear ratio 1:4.83	 Installation dimension 100mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Brake Disc-brake V-brake	 Classification of waterproof IPX5	 Weight 3.3Kg		



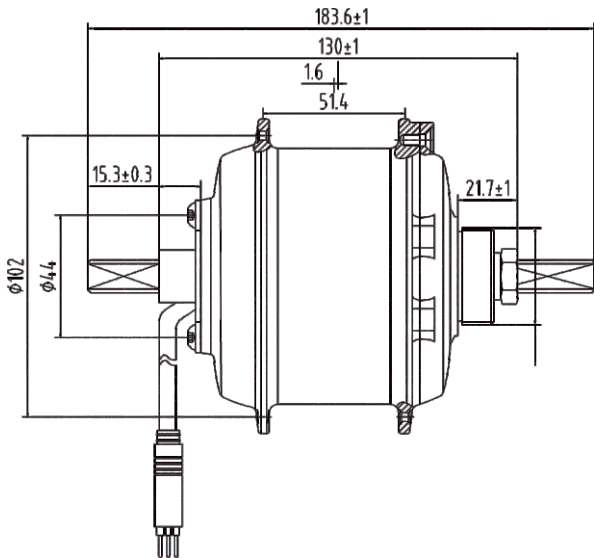


Rear Drive Motor  
**CITY BIKE** ▶




















**DGWQSS**

Rear motor small size (Screw freewheel)



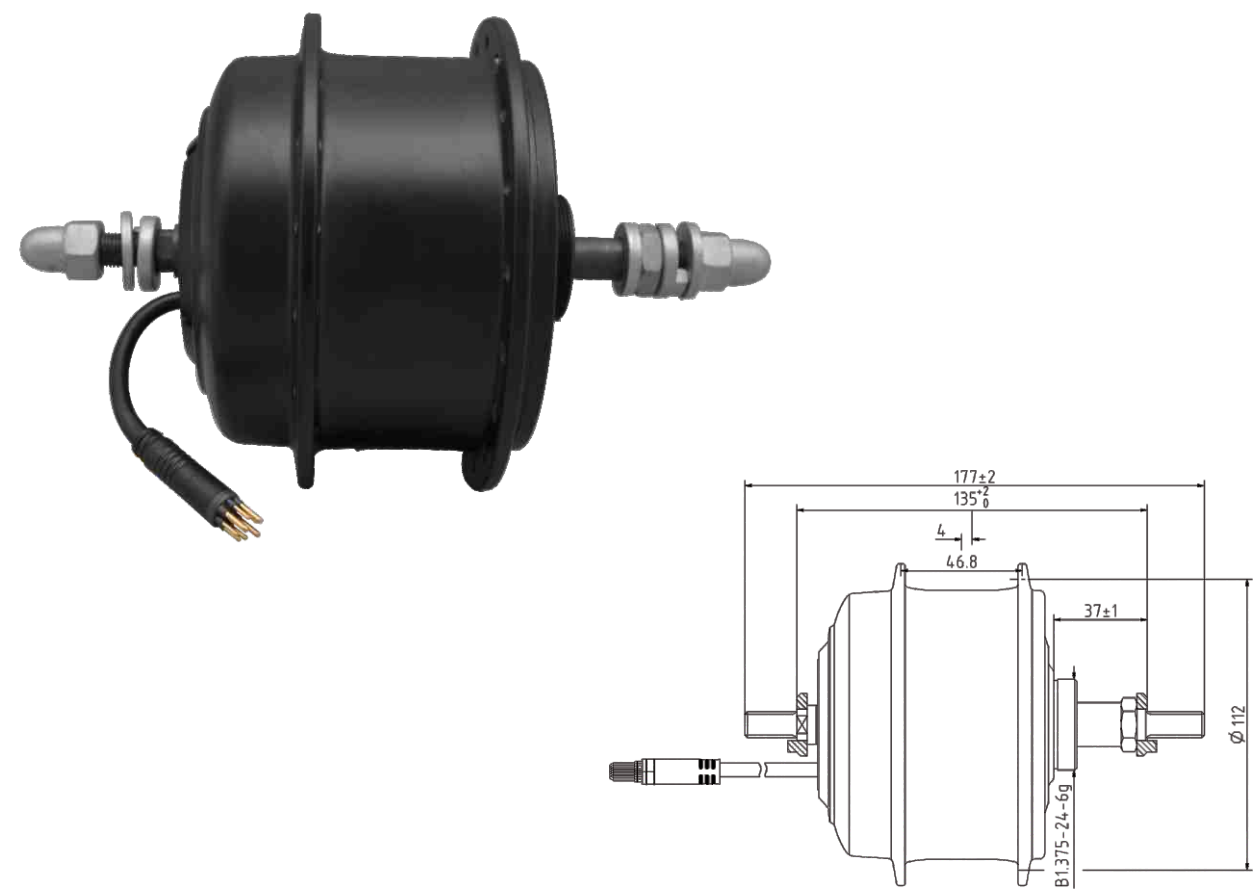
**MAIN PARAMETER:**

 Driving position Rear	 Wheel size 16in-24in	 Spoke 36holes 13G	 Rated power 180W~230W	 Rated voltage 24V~36V	 Max.torque ≥30N.m
 Efficiency ≥80%	 Cable side Left	 Number of magnet 14	 Reduction gear ratio 1:11.66	 Installation dimension 130mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Free wheel Single speed	 Brake Disc-brake	 Classification of waterproof IPX5	 Weight 2.0Kg	




















DGW10R

Small size brushless motor rear (Screw freewheel)

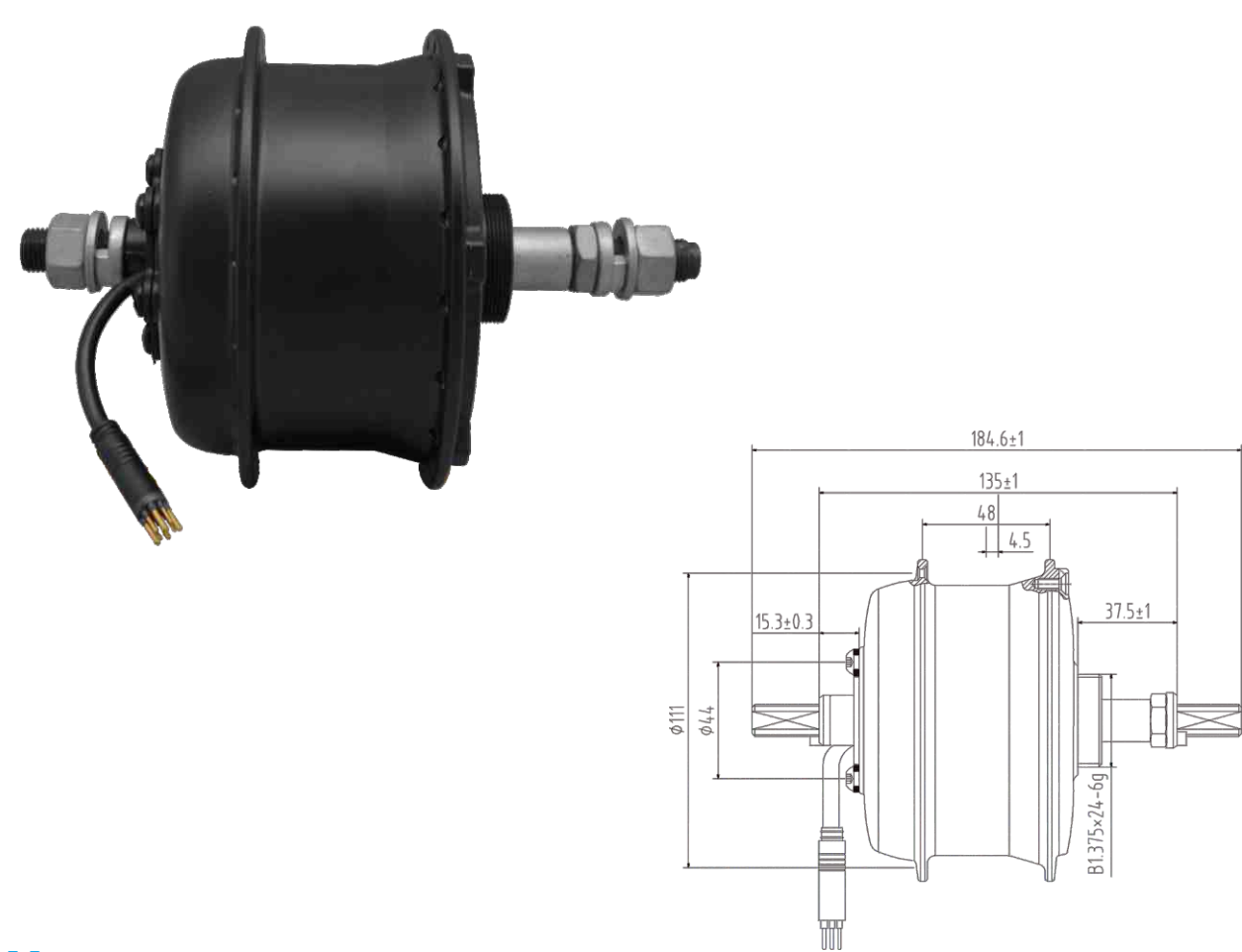


MAIN PARAMETER:


















 Driving position Rear	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 180W~250W	 Rated voltage 24V~36V	 Max.torque ≥35N.m
 Efficiency ≥80%	 Cable side Left	 Number of magnet 16	 Reduction gear ratio 1:6.28	 Installation dimension 135mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Free wheel Screw 6-7S	 Brake V-brake	 Classification of waterproof IPX5	 Weight 2.2Kg	

DGW12MS

Small size rear hubmotor (Disc brake,Screw freewheel)



MAIN PARAMETER:

 Driving position Rear	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 180W~250W	 Rated voltage 24V~36V	 Max.torque ≥35N.m
 Efficiency ≥80%	 Cable side Left	 Number of magnet 16	 Reduction gear ratio 1:11.66	 Installation dimension 135mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Free wheel Screw 6-7S	 Brake Disc-brake	 Classification of waterproof IPX5	 Weight 2.0Kg	



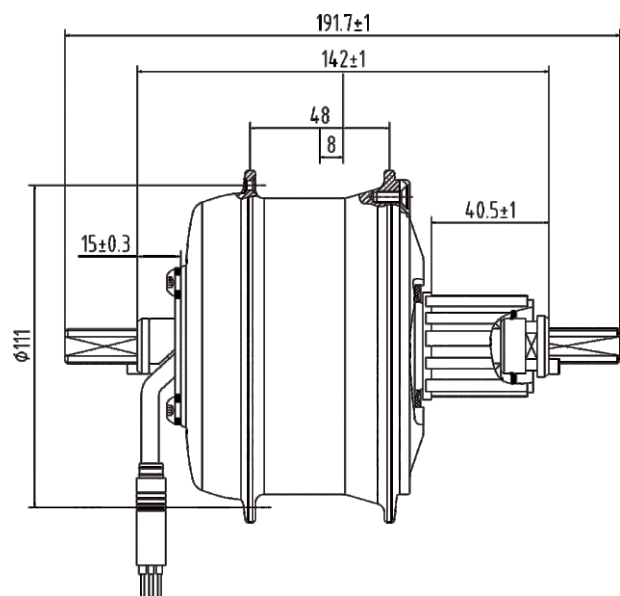
# DGW12MC

Small size rear hubmotor (Disc brake, Cassette freewheel)


















### Inner Rotor

#### ADVANTAGE

- 1、lighter , low noise
- 2、cassette freewheel (8-10speed)
- 3、ratio:1:11.6
- 4、more smoothly

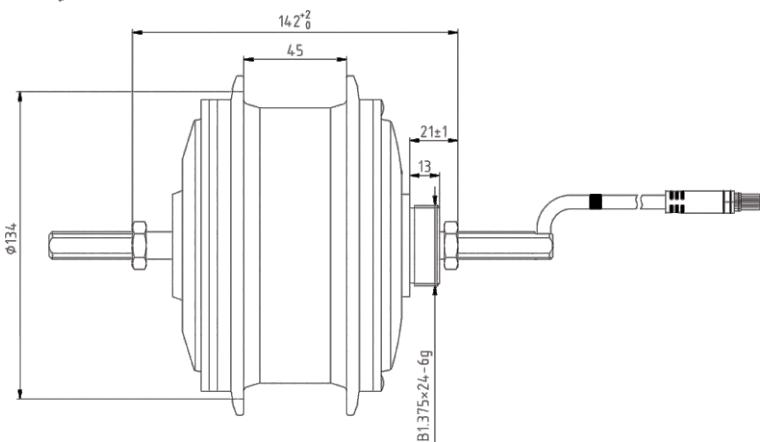


### MAIN PARAMETER:


















 Driving position Rear	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 180W~250W	 Rated voltage 24V~36V	 Max.torque ≥35N.m
 Efficiency ≥80%	 Cable side Left	 Number of magnet 16	 Reduction gear ratio 1:11.66	 Installation dimension 142mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Free wheel Cassette 8-10S	 Brake Disc-brake	 Classification of waterproof IPX5	 Weight 2.2Kg	

# DGW07C-RA

High speed brushless motor hub (Single/Screw freewheel)



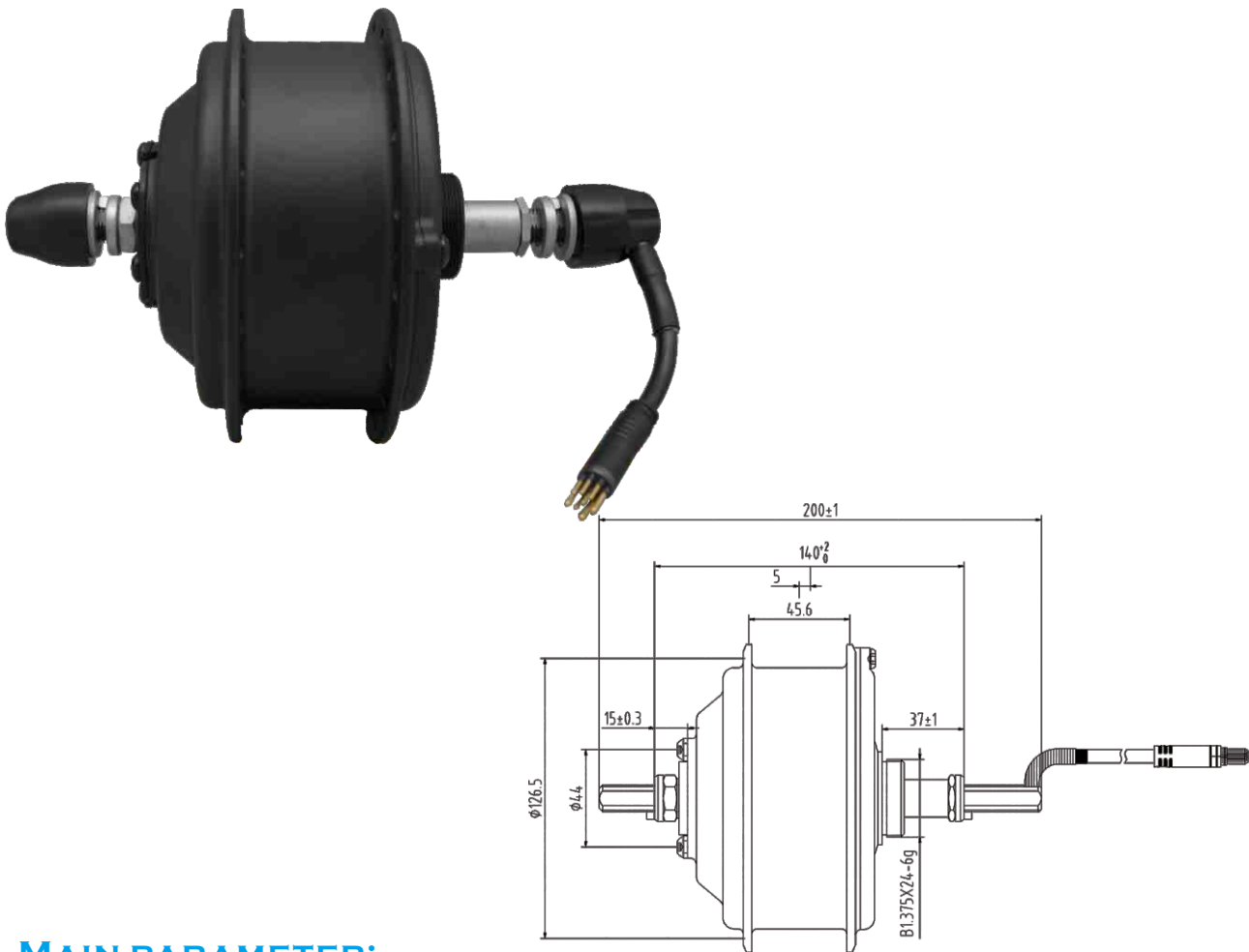
### MAIN PARAMETER:

 Driving position Rear	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 250W~300W	 Rated voltage 24V~36V~48V	 Max.torque ≥40N.m
 Efficiency ≥80%	 Cable side Right	 Number of magnet 16,20	 Reduction gear ratio 1:4.3	 Installation dimension 142mm~165mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Free wheel Single/Screw 6-7S	 Brake V-brake	 Classification of waterproof IPX5	 Weight 3.4Kg	




















DGW07C-MD

High speed brushless motor hub (Disc brake, Screw freewheel)

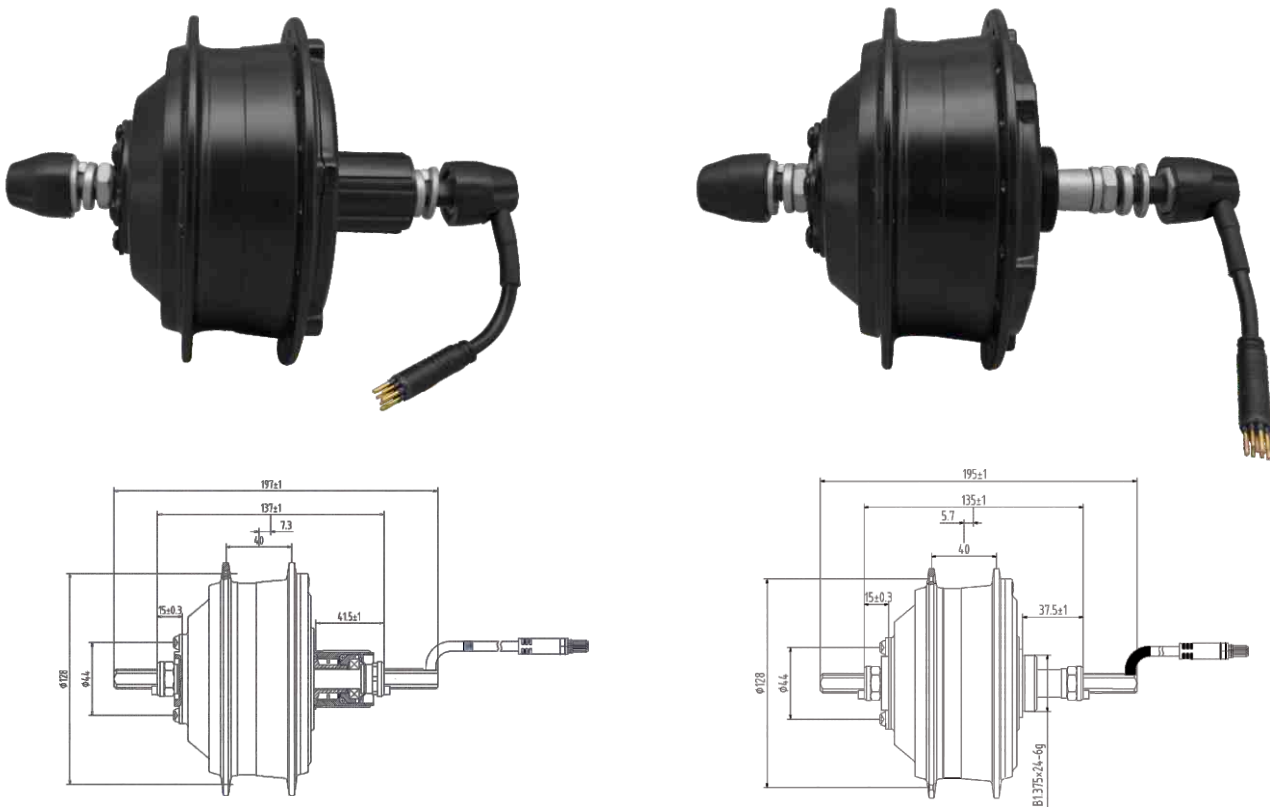


MAIN PARAMETER:

 Driving position Rear	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 250W~300W	 Rated voltage 24V~36V~48V	 Max.torque ≥40N.m
 Efficiency ≥80%	 Cable side Right	 Number of magnet 16,20	 Reduction gear ratio 1:4.3	 Installation dimension 140mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Free wheel Screw 6-7S	 Brake Disc-brake	 Classification of waterproof IPX5	 Weight 3.4Kg	

DGWH2C , DGWH2S


















High speed brushless motor rear with helical gear  
(Disc-brake, Cassette/ Screw freewheel)



Cassette freewheel 8-10 SP

Screw freewheel 6-7 SP

MAIN PARAMETER:

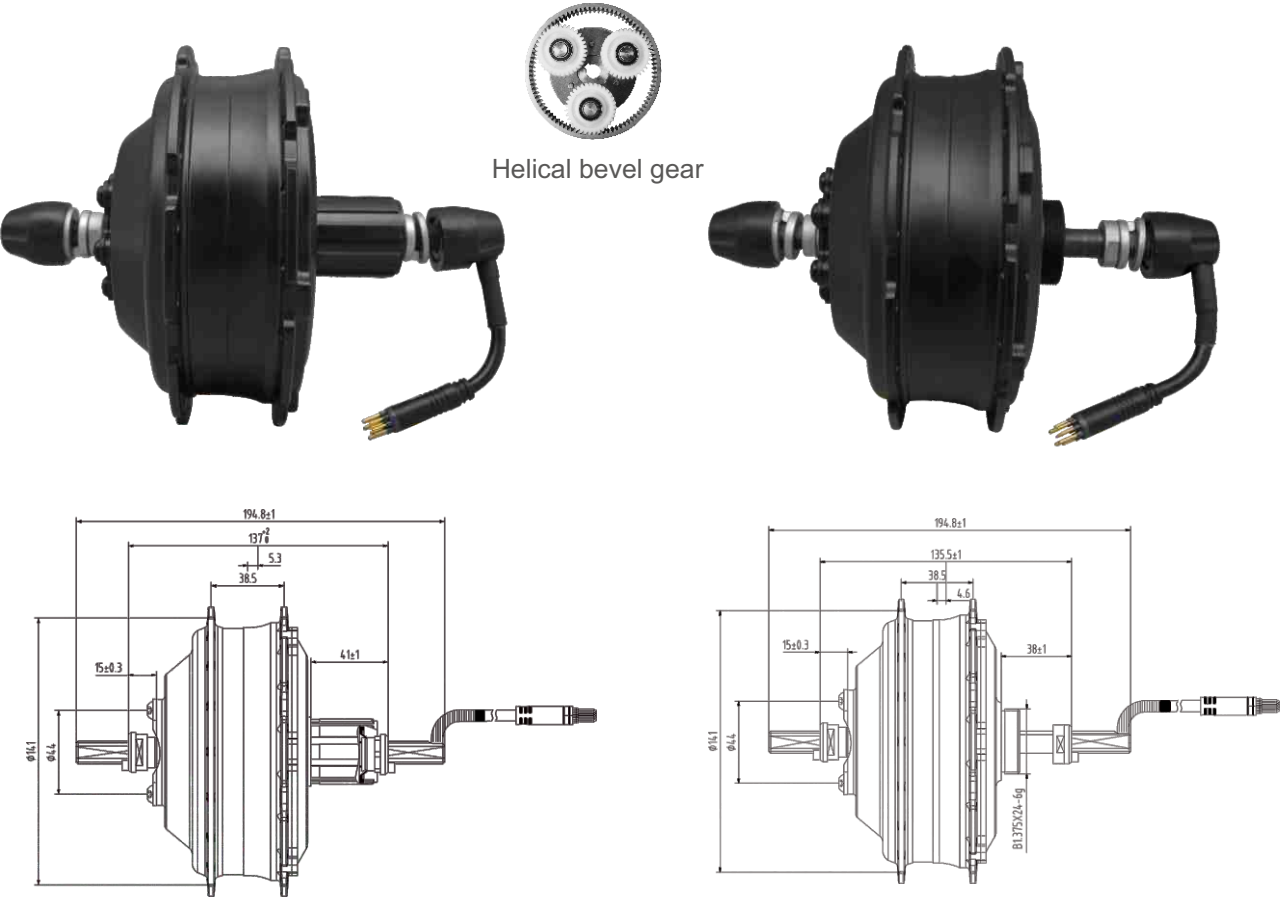
 Driving position Rear	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 250W~300W	 Rated voltage 36V~48V	 Max.torque ≥40N.m
 Efficiency ≥80%	 Cable side Right	 Number of magnet 20	 Reduction gear ratio 1:5.2	 Installation dimension 135mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Free wheel Cassette 8-10S Screw 6-7S	 Brake Disc-brake V-brake	 Classification of waterproof IPX5	 Weight 2.9Kg	



# DGWX2C, DGWX2S


















MTB motor rear with disc-brake, Cassette /Screw freewheel

Helical gear



Rear Drive Motor  
MTB ▶

## MAIN PARAMETER:

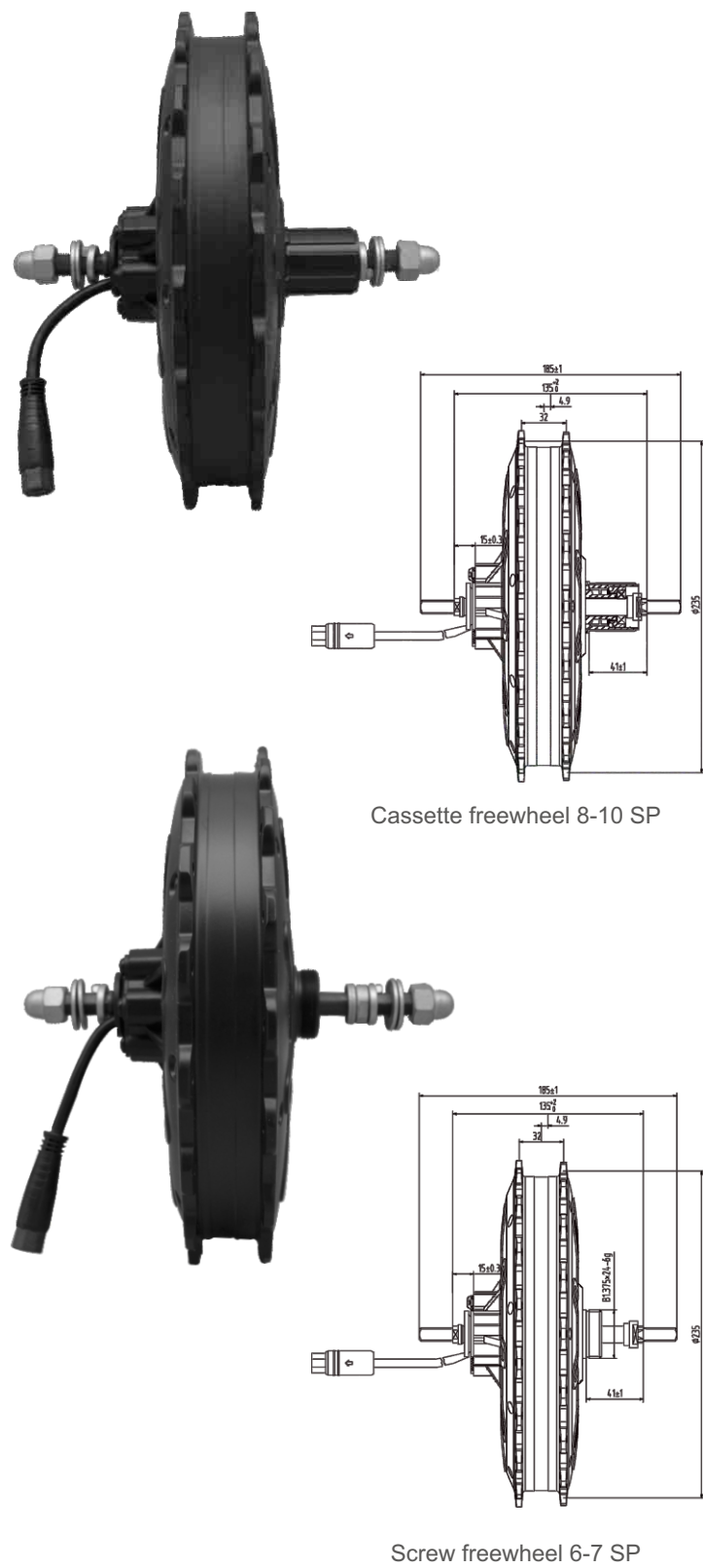
 Driving position Rear	 Wheel size 16in-28in	 Spoke 36holes 12G/13G	 Rated power 250W~350W	 Rated voltage 36V~48V	 Max.torque ≥50N.m
 Efficiency ≥80 %	 Cable side Right	 Number of magnet 30	 Reduction gear ratio 1:4.83	 Installation dimension 135mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Free wheel Cassette 10-11S Screw 6-7S	 Brake Disc-brake V-brake	 Classification of waterproof IPX5	 Weight 3.6Kg	





DGW09NC, DGW09NS

High power direct motor (Cassette/Screw freewheel)

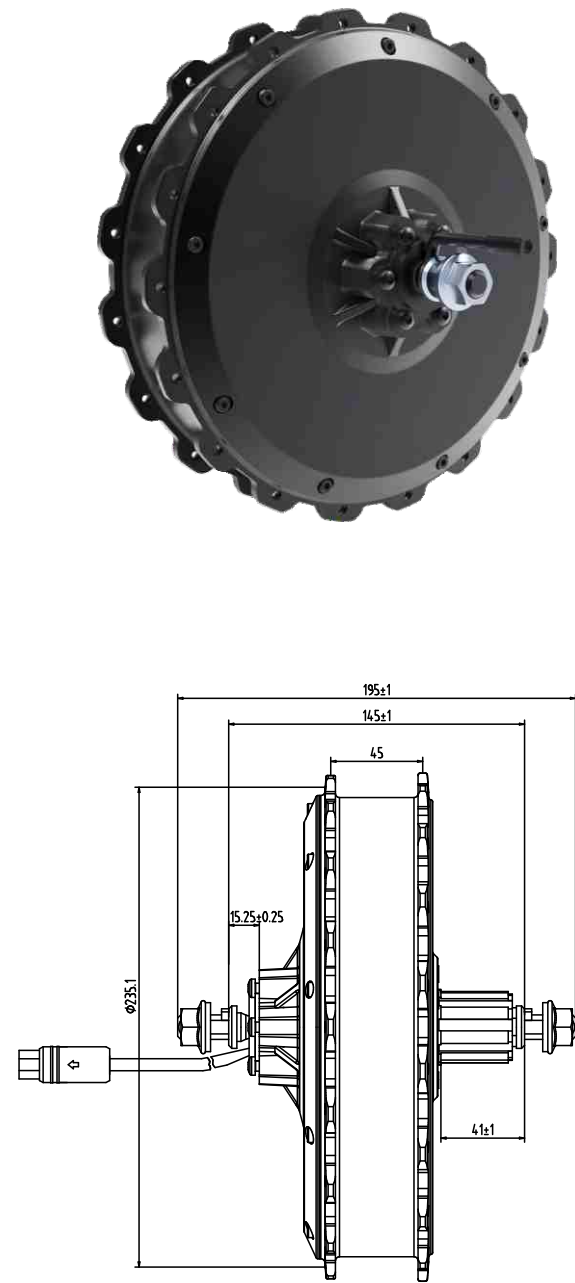


MAIN PARAMETER:

- Driving position**  
Rear
- Wheel size**  
24in-29in
- Spoke**  
36holes 12G/13G
- Rated power**  
350W~500W
- Rated voltage**  
36V~48V
- Max.torque**  
45N.m(48V,26in,38KM,350W,15A)
- Efficiency**  
≥80%
- Cable side**  
Left
- Number of magnet**  
46
- Reduction gear ratio**  
Direct drive
- Installation dimension**  
135mm
- Inside speed sensor**  
1~6
- Hall sensor**  
With/Without
- Free wheel**  
Cassette 8-10s/Screw 6-7s
- Brake**  
Disc-brake
- Classification of waterproof**  
IPX5
- Weight**  
4.9Kg

DGW29

High power direct motor (Cassette/Screw freewheel)



MAIN PARAMETER:

- Driving position**  
Rear
- Wheel size**  
24in-29in
- Spoke**  
36holes 12G/13G
- Rated power**  
750W
- Rated voltage**  
36V~48V
- Max.torque**  
55N.m(48V,26in,38KM,350W,15A)
- Efficiency**  
≥80%
- Cable side**  
Left
- Number of magnet**  
46
- Reduction gear ratio**  
Direct drive
- Installation dimension**  
135mm
- Inside speed sensor**  
1~6
- Hall sensor**  
With/Without
- Free wheel**  
Cassette 8-10s/Screw 6-7s
- Brake**  
Disc-brake
- Classification of waterproof**  
IPX5
- Weight**  
5.2Kg






















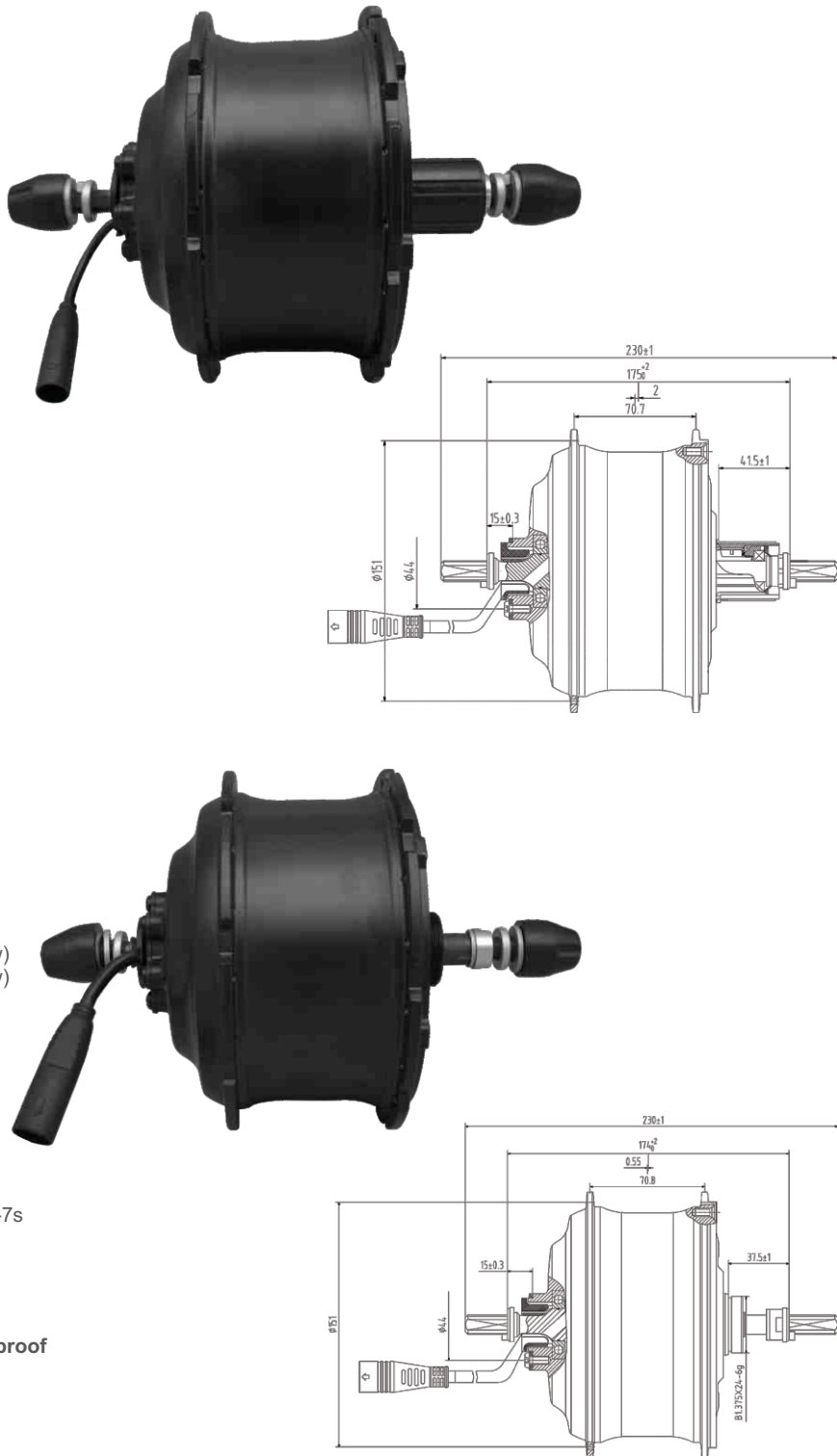


DGW25E

500W Fat bike hub motor (Cassette /Screw freewheel)

MAIN PARAMETER:


















-  **Driving position**  
Rear
-  **Wheel size**  
20in-28in
-  **Spoke**  
36holes 12G
-  **Rated power**  
500W
-  **Rated voltage**  
36V~48V
-  **Max.torque**  
≥60N.m
-  **Efficiency**  
≥80 %
-  **Cable side**  
Left
-  **Number of magnet**  
16
-  **Reduction gear ratio**  
1 : 5
-  **Installation dimension**  
175mm(Cassette&Screw)  
190mm(Cassette&Screw)
-  **Inside speed sensor**  
1~6
-  **Hall sensor**  
With/Without
-  **Free wheel**  
Cassette 9-10s/Screw 6-7s
-  **Brake**  
Disc-brake/ V-brake
-  **Classification of waterproof**  
IPX5
-  **Weight**  
4.6Kg

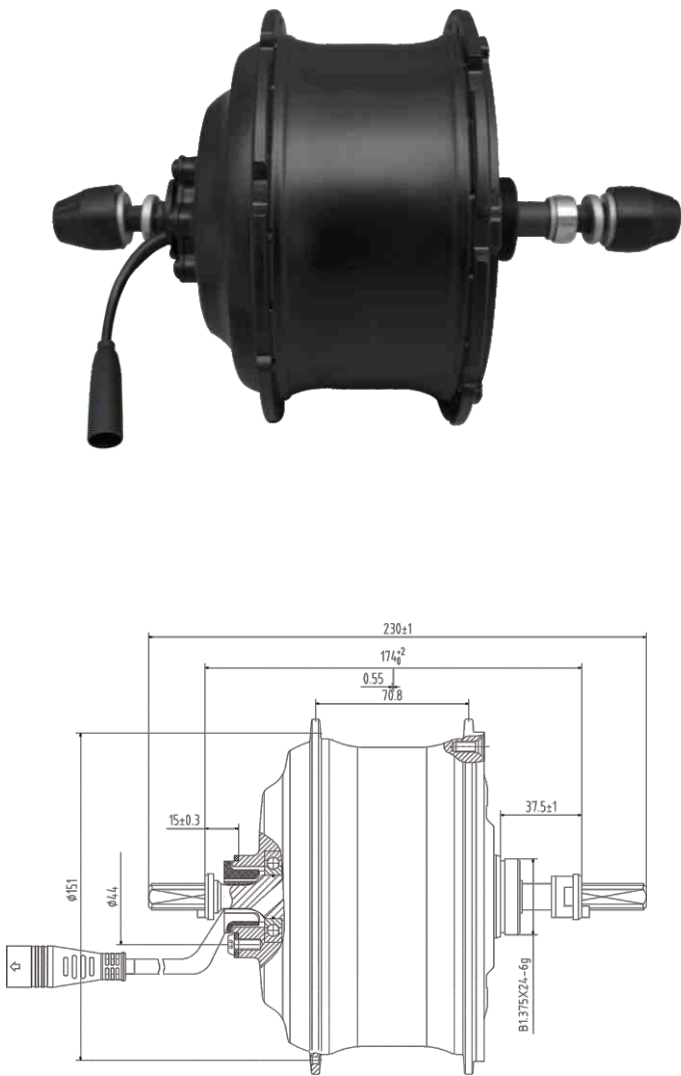


DGW25P

750W big power motor

MAIN PARAMETER:

-  **Driving position**  
Rear
-  **Wheel size**  
20in-28in
-  **Spoke**  
36holes 12G
-  **Rated power**  
750W
-  **Rated voltage**  
36V~48V
-  **Max.torque**  
≥90N.m
-  **Efficiency**  
≥80 %
-  **Cable side**  
Left
-  **Number of magnet**  
20
-  **Reduction gear ratio**  
1:5
-  **Installation dimension**  
175mm(Cassette&Screw)  
190mm(Cassette)
-  **Inside speed sensor**  
1~6
-  **Hall sensor**  
With/Without
-  **Free wheel**  
Cassette 9-10S/Screw 6-7S
-  **Brake**  
Disc-brake/V-brake
-  **Classification of waterproof**  
IPX5
-  **Weight**  
4.9Kg




















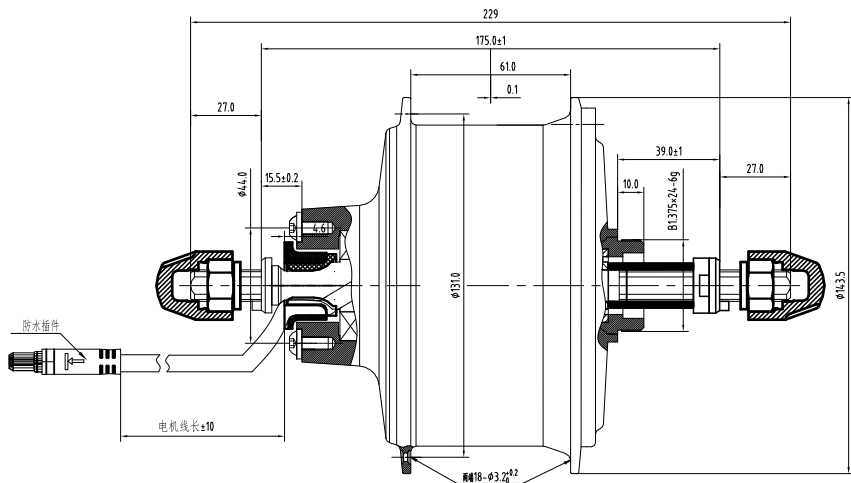


DGW25LS

Fat bike motor

MAIN PARAMETER:

- **Driving position**  
Rear
- **Wheel size**  
16in~28in
- **Spoke**  
36holes 12G
- **Rated power**  
350W
- **Rated voltage**  
36V~48V
- **Max. torque**  
40N.m
- **Efficiency**  
≥80%
- **Cable side**  
Left
- **Number of magnet**  
20
- **Reduction gear ratio**  
1 : 4.33
- **Installation dimension**  
175mm
- **Inside speed sensor**  
1~6
- **Hall sensor**  
With/ Without
- **Free wheel**  
Screw 6-7S
- **Brake**  
Disc-brake
- **Classification of waterproof**  
IPX5
- **Weight**  
3.9kg



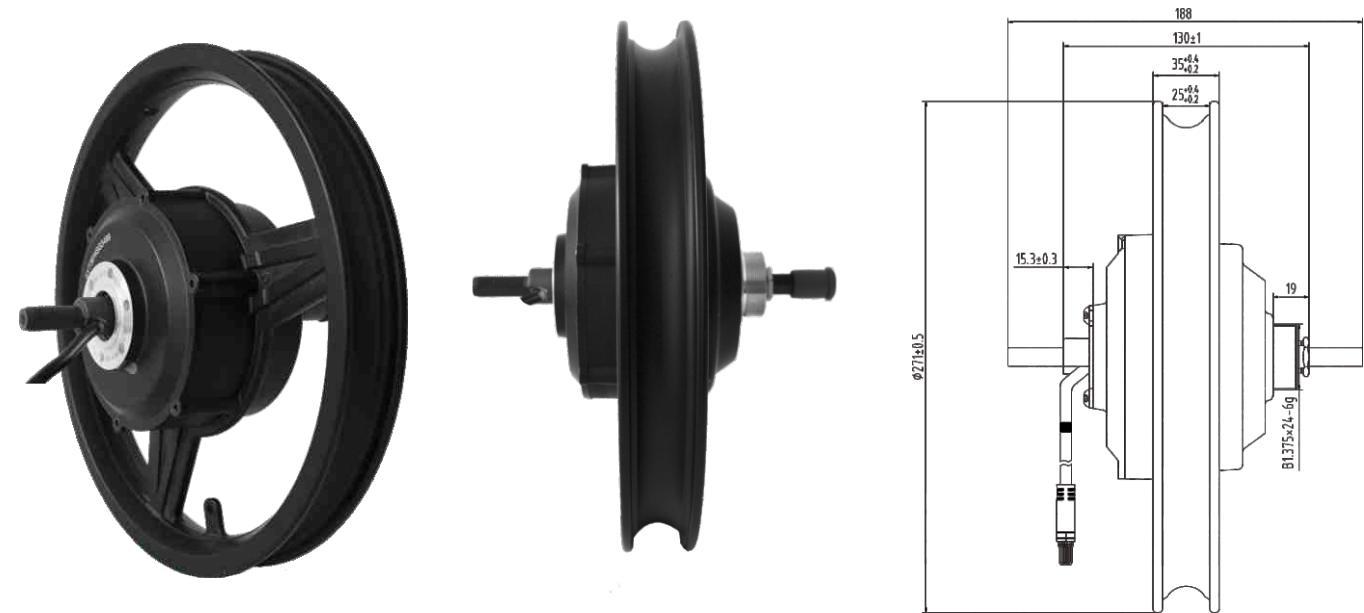
Brushless RIM Motor  
CITY BIKE ▶





















DGW07-R14

High speed brushless rim motor (Rear motor)

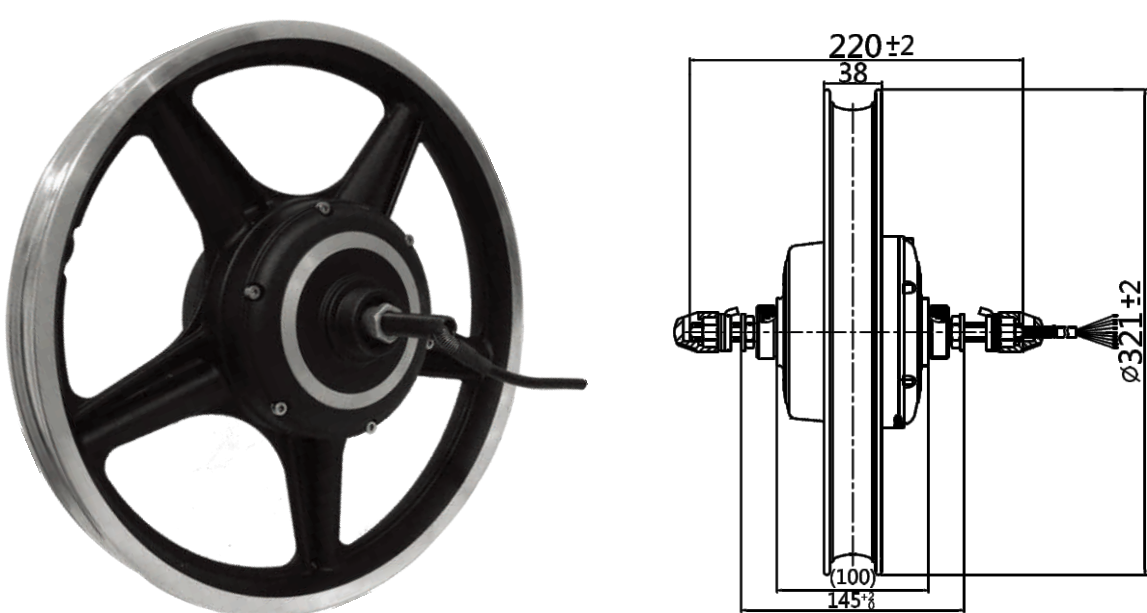


MAIN PARAMETER:










 Driving position Rear	 Wheel size 14in	 Rated power 250W~300W	 Rated voltage 24V~36V~48V	 Max.torque ≥40N.m	 Efficiency ≥80%
 Cable side Left	 Number of magnet 16,20	 Reduction gear ratio 1:4.3	 Installation dimension 130mm	 Inside speed sensor 1~6	 Hall sensor With/Without
 Free wheel Screw 6-7S	 Brake Disc-brake	 Classification of waterproof IPX5	 Weight 3.6Kg		

DGW07-R16

High speed brushless rim motor (Rear motor)



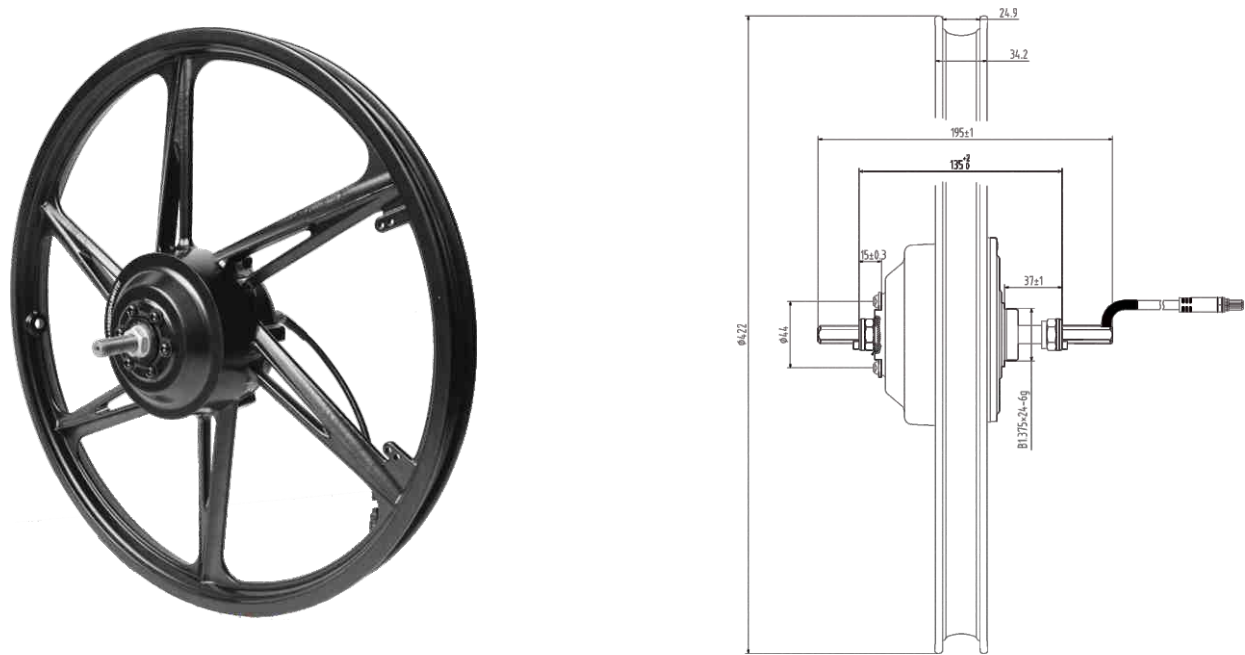
MAIN PARAMETER:

 Driving position Rear	 Wheel size 16in	 Rated power 250W	 Rated voltage 24V~36V~48V	 Max.torque ≥40N.m	 Efficiency ≥80%
 Cable side Left	 Number of magnet 16,20	 Reduction gear ratio 1:4.3	 Installation dimension 145mm	 Inside speed sensor 1~6	 Hall sensor With/Without
 Free wheel Screw 6-7S	 Brake V-brake	 Classification of waterproof IPX5	 Weight 4.0Kg		



















DGWH2S-R20

High speed brushless rim motor (Rear motor)

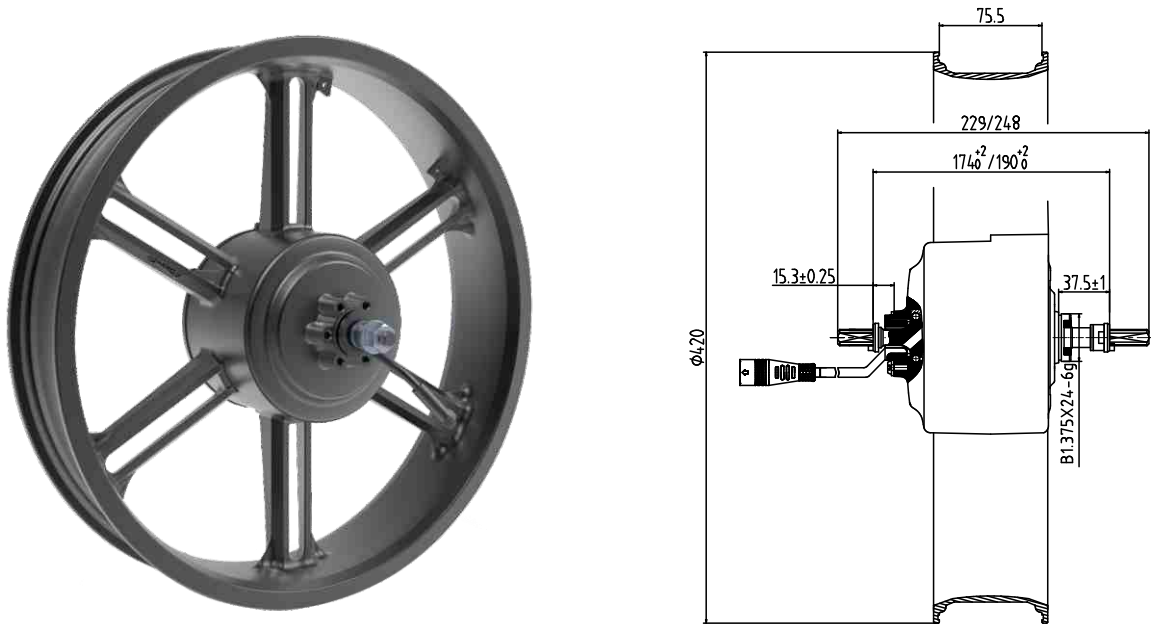


MAIN PARAMETER:


















 Driving position Rear	 Wheel size 20in	 Rated power 250W~300W	 Rated voltage 36V~48V	 Max.torque ≥40N.m(36V, 700C, 25km/h, 250W, current limit 15A)	 Efficiency ≥80%
 Cable side Right	 Number of magnet 20	 Reduction gear ratio 1:5.2	 Installation dimension 135mm	 Inside speed sensor 1~6	 Hall sensor With/Without
 Free wheel Screw 6-7S	 Brake Disc-brake V-brake	 Classification of waterproof IPX5	 Weight 3.6Kg		

DGW25R

High power brushless motor hub (Disc-brake, Cassette /Screw freewheel)



MAIN PARAMETER:

 Driving position Rear	 Wheel size 20in-28in	 Spoke 36holes 12G	 Rated power 750W	 Rated voltage 36V~48V	 Max.torque ≥90N.m
 Efficiency ≥80%	 Cable side Left	 Number of magnet 20	 Reduction gear ratio 1:5	 Installation dimension 175mm~190mm	 Inside speed sensor 1~6
 Hall sensor With/Without	 Free wheel Cassette 9-10S/ Screw 6-7S	 Brake Disc-brake/V-brake	 Classification of waterproof IPX5	 Weight 4.9Kg	

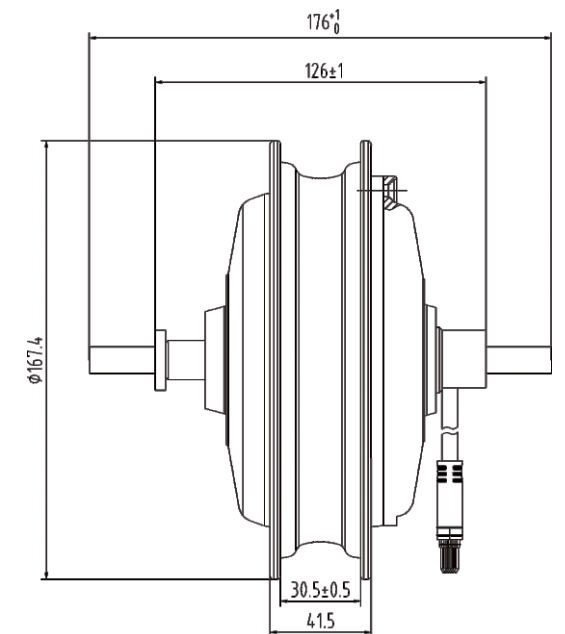


ELECTRIC SCOOTER MOTOR ►



# DGWHB

## ELECTRIC SCOOTER HUB



### MAIN PARAMETER:



Driving position  
Rear



Wheel size  
10in



Rated power  
350W



Rated voltage  
36V~48V



Max.torque  
≥20N.m



Efficiency  
≥80%



Cable side  
Right



Number of magnet  
30



Installation dimension  
126mm



Brake  
V-brake

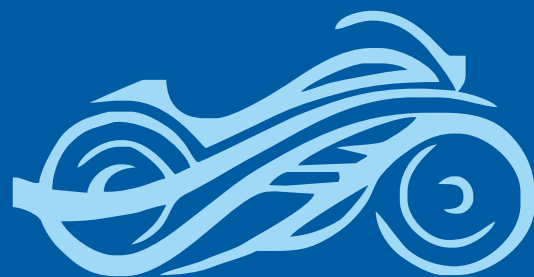


Classification  
of waterproof  
IPX7



Weight  
3.25Kg

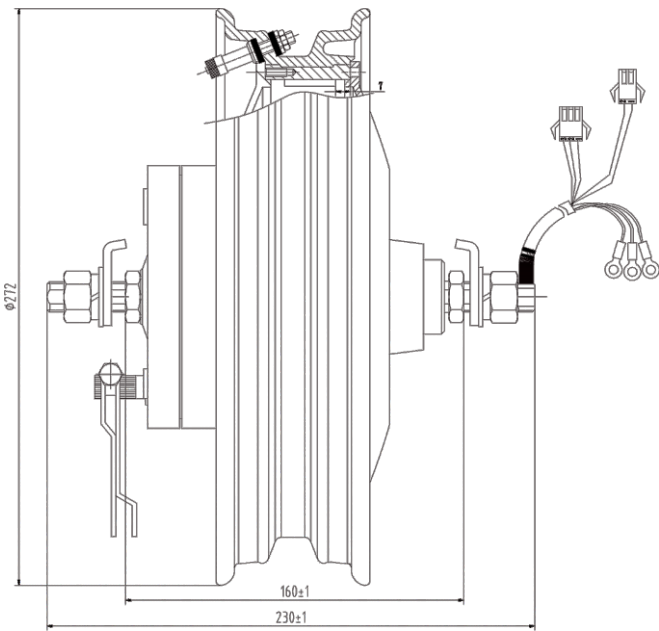




















ELECTRIC MOTORCYCLE MOTOR ►



DGW06-M  
BRUSHLESS E-MOTORCYCLE MOTOR



MAIN PARAMETER:

 Driving position Rear	 Wheel size 10in	 Spoke RIM	 Rated power 500W~1000W	 Rated voltage 48V~60V	 Max.torque >50N.m
 Efficiency ≥80%	 Cable side Right	 Number of magnet 46	 Reduction gear ratio Direct drive	 Installation dimension 160mm	 Inside speed sensor No
 Hall sensor With/Without	 Brake Drum	 Classification of waterproof IPX5	 Weight 6.55Kg		