

# SUDONG

BRUSHLESS SCREWDRIVER with 2 years warranty

0.01Nm~15Nm



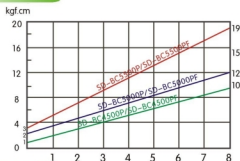
# SUDONG

[www.sudong.eu](http://www.sudong.eu)

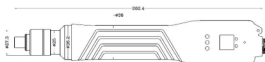
English version



### Torque curve



### Dimensions



### Features

- New Intelligent Brushless Electric Screwdriver with Counter series is one compact of LED counter and screwdriver. Easy to operate, suitably used on production line and effectively control numbers of fastening screws and operation quality.
- Adopt Selection mode for the worker is easy to set up complete function according to needs of work and make it automatically to inspect the precision of fastening screws and avoid any mistake.
- The counter is with Fixture function, can join with IR optocouplers. Press the fixture switch can reduce error locking and make the locking more precision and smarter. In addition, LED warning light allows the users to make the well locking judgment more intuitively.
- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Beside adding the slow start&stop function, the Brand-new intelligent Fully Automatic Brushless Electric Screwdriver, with Built-in screw counter, can count locking turns, which makes fastening process user friendly, more perfect tightening each screws.
- Mechanical stepless torque setting, with the-stage controllable speed, the speed and torque are set according to product needs, facilitate different range of precision fastening.

### Technical parameters

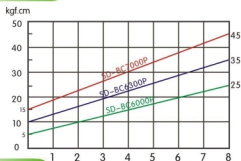
MODEL	SD-BC4500P	SD-BC4500PF	SD-BC5000P	SD-BC5000PF	SD-BC5500P	SD-BC5500PF	
Input voltage	DC 30V						
Measuring range	(Kgf.cm)	1-10	1-10	2-12	2-12	3-19	3-19
	(lbf.in)	0.87-8.7	0.87-8.7	1.74-10.56	1.74-10.56	2.60-16.49	2.60-16.49
	(N.m)	0.1-1	0.1-1	0.2-1.18	0.2-1.18	0.29-1.86	0.29-1.86
Torque accuracy	±3						
Torque adjustment	Stepless adjustment						
No load speed (r.p.m) ±10%	HI	1000	2000	1000	2000	1000	2000
	LO	650	1300	650	1300	650	1300
Applicable power adapter	SD-30V75W-8P-BC						
Rated power (W)	75						
Diameter of screw	Machine screw	1.4-3.0	1.4-3.0	1.6-3.0	1.6-3.0	2.3-3.5	2.3-3.5
	Training screw	1.4-2.6	1.4-2.6	1.6-2.6	1.6-2.6	2.3-3.0	2.3-3.0
Weight (g)	500						
Applicable screw driver rack	SD-K2						
Applicable screw bit							

### Accessories

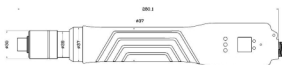




### Torque curve



### Dimensions



### Features

- New Intelligent Brushless Electric Screwdriver with Counter series is one compact of LED counter and screwdriver. Easy to operate, suitably used on production line and effectively control numbers of fastening screws and operation quality.
- Adopt Selection mode for the worker is easy to set up complete function according to needs of work and make it automatically to inspect the precision of fastening screws and avoid any mistake.
- The counter is with Fixture function, can join with IR optocouplers. Press the fixture switch can reduce error locking and make the locking more precision and smarter. In addition, LED warning light allows the users to make the well locking judgment more intuitively.
- Pushing start design, push the screw-bit matching the screw for starting the screwdriver, easy operation.
- Beside adding the slow start&stop function, the Brand-new intelligent Fully Automatic Brushless Electric Screwdriver, with Built-in screw counter, can count locking turns, which makes fastening process user friendly, more perfect tightening each screws.
- Mechanical stepless torque setting, with the -stage controllable speed, the speed and torque are set according to product needs, facilitate different range of precision fastening.

### Technical parameters

MODEL	SD-BC6000P	SD-BC6300P	SD-BC7000P
Input voltage	DC 30V		
(Kgf.cm)	5-25	10-35	15-45
Measuring Range	4.34-21.70	8.68-30.38	13.02-39.06
(Lbf.in)			
(N.m)	0.5-2.45	0.98-3.43	1.47-4.41
Torque accuracy	±3		
Torque adjustment	无级调节 Stepless adjustment		
No load speed	1000	500	500
HI			
LO	650	350	350
Applicable power adapter	SD-30V75W-8P-BC		
Rated power (W)	75		
Machine screw	2.6-4.0	3.0-5.0	3.5-5.5
Diameter of screw			
Tapping screw	2.5-3.5	2.6-4.0	3.0-5.0
Weight (g)	640		
Applicable screw driver rack	SD-K3		
Applicable screw bit			

### Accessories





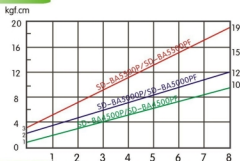
### Features

- The Brand-new Intelligent Fully Automatic brushless Electric Screwdriver can be started forward and rever rotation under external control. Stop signal will be output when locking screws torque reach up to the preset value.
- Whole machine adopts non-contact switch, with longer lifetime, lower maintenance rate, and a three-stage forward and reverse rotation switch. It feels better, and it prevent error operation effectively.
- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless Motor is applicable in a dust-free condition. The output of torque is highly stable. It is not only a easy-operate equipment but this screwdriver can be operated for a long period.
- Pushing start design, push the screw-bit matching the screw for starting the screwdriver, easy operation.
- Ergonomic size, high temperature durable, weak vibration, good grip, new appearance, light weight, easy to operate for a long time without fatigue, improve efficiency.

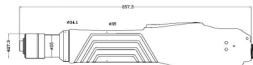
### Technical parameters

MODEL	SD-BA4500P	SD-BA4500PF	SD-BA5000P	SD-BA5000PF	SD-BA5500P	SD-BA5500PF	
Input voltage	DC 30V			DC 36V			
Measuring Range	(Kgf cm)	1-10	1-10	2-12	2-12	3-19	3-19
	(lbf.in)	0.87-8.7	0.87-8.7	1.74-10.56	1.74-10.56	2.60-16.49	2.60-16.49
	(N.m)	0.1-1	0.1-1	0.2-1.18	0.2-1.18	0.29-1.86	0.29-1.86
Torque accuracy	±3%						
Torque adjustment	Stepless adjustment						
No load speed (r.p.m) ±10%	HI	1000	2000	1000	2000	1000	2000
	LO	650	1300	650	1300	650	1300
Applicable power adapter	SD-30V60W3P				SD-36V200W3P		
Rated power (W)	60				200		
Diameter of screw	Max. fine screw	1.4-3.0	1.4-3.0	1.6-3.0	1.6-3.0	2.3-3.5	2.3-3.5
	Max. tapping screw	1.4-2.6	1.4-2.6	1.6-2.6	1.6-2.6	2.3-3.0	2.3-3.0
Weight (g)	500						
Applicable screw driver rack	SD-K2						
Applicable screw bit							

### Torque curve



### Dimensions



### Accessories

<p>Applicable Power Adapter</p> <p>SD-30V60W3P</p>	<p>Accessory for suction driver</p> <p>SD-Q2</p>
<p>Torque protective sleeve</p> <p>SD-U2</p>	<p>Spring Balancer</p> <p>SD-I</p>
<p>Torque protective sleeve</p> <p>SD-U2</p>	<p>Electric screwdriver socket</p> <p>SD-K2</p>
<p>Signal controller</p> <p>SD-XH-A SD-XH-B SD-XH-C</p>	<p>Applicable Power Adapter</p> <p>SD-36V200W3P</p>

- SD-BA6000P
- SD-BA6300P
- SD-BA7000P



**NEW**

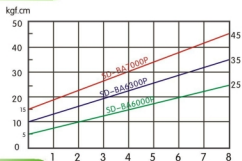


Optionally available

### Features

- The Brand-new Intelligent Fully Automatic brushless Electric Screwdriver can be started forward and rever rotation under external control. Stop signal will be output when locking screws torque reach up to the preset value.
- Whole machine adopts non-contact switch, with longer lifetime, lower maintenance rate, and a three-stage forward and reverse rotation switch. It feels better, and it can prevent error operation effectively.
- With user-friendly design, when the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless Motor is applicable in a dust-free condition. The output torque is highly stable. It is not only a easy-operate equipment but this screwdriver can be operated for a long period.
- Pushing start design, push the screw-bit matching the screw for starting the screwdriver, easy operation.
- Torque adjustment is easy and convenient step-less adjustment by rotating the torque adjustment ring to the left or to the right. Speed can also be adjusted to High (Hi) or Low (Lo).

### Torque curve



### Dimensions



### Technical parameters

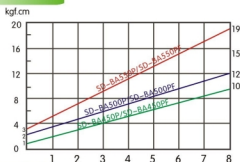
MODEL	SD-BA6000P	SD-BA6300P	SD-BA7000P	
Input voltage	DC 36V			
Measuring range	(Kgf.cm)	5-25	10-35	15-45
	(Lbf.in)	4.34-21.70	8.68-30.38	13.02-39.06
	(N.m)	0.5-2.45	0.98-3.43	1.47-4.41
Torque accuracy	±3%			
Torque adjustment	Stepless adjustment			
No load speed (r.p.m) ±10%	HI	1000	500	500
	LO	650	350	350
Applicable power adapter	SD-36V60W3P			
Rated power (W)	60			
Diameter of screw	Machine screw	2.6-4.0	3.0-5.0	3.5-5.5
	Taping screw	2.5-3.5	2.6-4.0	3.0-5.0
Weight (g)	640			
Applicable screw driver rack	SD-K3			
Applicable screw bit				

### Accessories

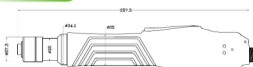
<p>Applicable Power Adapter</p> <p>● SD-30V60W3P</p>	<p>Applicable Power Adapter</p> <p>● SD-36V200W3P</p>
<p>Torque protective sleeve</p> <p>● SD-U3</p>	<p>Accessory for suction driver</p> <p>● SD-G3</p>
<p>Torque protective sleeve</p> <p>● SD-U13</p>	<p>Spring Balancer</p> <p>● SD-1</p>
<p>Signal controller</p> <p>● SD-XH-A ● SD-XH-B ● SD-XH-C</p>	<p>Electric screwdriver socket</p> <p>● SD-K3</p>



### Torque curve



### Dimensions



### Features

- Whole machine adopts non-contact switch, with longer lifetime, lower maintenance rate, and a three-stage forward and reverse rotation switch. It feels better, and it can prevent error operation effectively.
- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless Motor is applicable in a dust-free condition. The output torque is highly stable. It is not only a easy-operate equipment but this screwdriver can be operated for a long period.
- Pushing start design, push the screw-bit matching the screw for starting the screwdriver, easy operation.
- It can be easily and efficiently operated in the assembly line with its stable torque and long-term working motors.
- Ergonomic size, high temperature durable, weak vibration, good grip, new appearance, light weight, easy to operate for a long time without fatigue, improve efficiency.

### Technical parameters

MODEL	SD-BA450P	SD-BA450PF	SD-BA500P	SD-BA500PF	SD-BA550P	SD-BA550PF
Input voltage	DC 30V				DC 36V	
Measuring Range	(kgf.cm)	1-10	1-10	2-12	2-12	3-19
	(lbf.in)	0.87-8.7	0.87-8.7	1.74-10.56	1.74-10.56	2.60-16.49
	(IN.m)	0.1-1	0.1-1	0.2-1.18	0.2-1.18	0.29-1.86
Torque accuracy	±3					
Torque adjustment	无级调节 Stepless adjustment					
No load speed (r.p.m) ±10%	HI	1000	2000	1000	2000	1000
	LO	650	1300	650	1300	650
Applicable power adapter	SD-30V200W3P					SD-36V200W3P
Rated power (W)	60					200
Diameter of screw	Machine screw	1.4-3.0	1.4-3.0	1.6-3.0	1.6-3.0	2.3-3.5
	Tapping screw	1.4-2.6	1.4-2.6	1.6-2.6	1.6-2.6	2.3-3.0
Weight (g)	500					
Applicable screw driver rack	SD-K2					
Applicable screw bit						

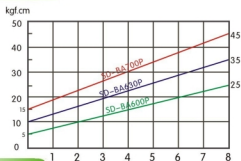
### Accessories



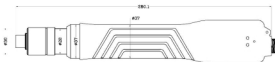


- SD-BA600P
- SD-BA630P
- SD-BA700P

### Torque curve



### Dimensions



### Features

- Whole machine adopts non-contact switch, with longer lifetime, lower maintenance rate, and a three-stage forward and reverse rotation switch. It feels better, and it can prevent error operation effectively.
- With user-friendly design, when the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless Motor is applicable in a dust-free condition. The output torque is highly stable. It is not only a easy-operate equipment but this screwdriver can be operated for a long period.
- Pushing start design, push the screw-bit matching the screw for starting the screwdriver, easy operation.
- Torque adjustment is easy and convenient step-less adjustment by rotating the torque adjustment ring to the left or to the right. Speed can also be adjusted to High (Hi) or Low (Lo).

### Technical parameters

MODEL	SD-BA600P	SD-BA630P	SD-BA700P	
Input voltage	DC 36V			
Measuring Range	(Kgf.cm)	5-25	10-35	15-45
	(Lbf.in)	4.34-21.70	8.68-30.38	13.02-39.06
	(IN.m)	0.5-2.45	0.98-3.43	1.47-4.41
Torque accuracy	±3%			
Torque adjustment	Stepless adjustment			
No load speed (r.p.m) ±10%	HI	1000	500	500
	LO	650	350	350
Applicable power adapter	SD-36V60W3P			
Rated power (W)	60			
Diameter of screw	Machine screw	2.6-4.0	3.0-5.0	3.5-5.5
	Tapping screw	2.5-3.5	2.6-4.0	3.0-5.0
Weight (g)	640			
Applicable screw driver rack	SD-K3			
Applicable screw bit				

### Accessories



SUDONG



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