

SB DRIVER NEW RELEASE

SEHAN ELECTOOLS CO., Ltd.

1. NEW AC DIRECT SCREWDRIVER



► Lever-type



► Push-type

1.2 Main Features

- Using a 50W high-performance carbon-free motor (BLCD), it has a long lifespan and excellent durability.
- Stable torque output and high RPM improve work efficiency.
- Equipped with an air-cooled fan for long-term use.

1.4 Official release date

- April.2024 (expected)

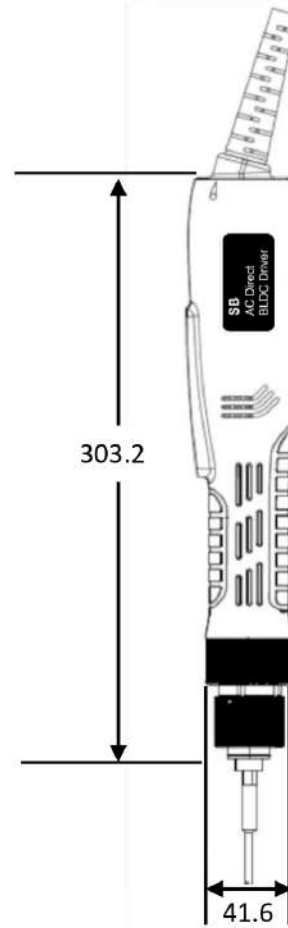
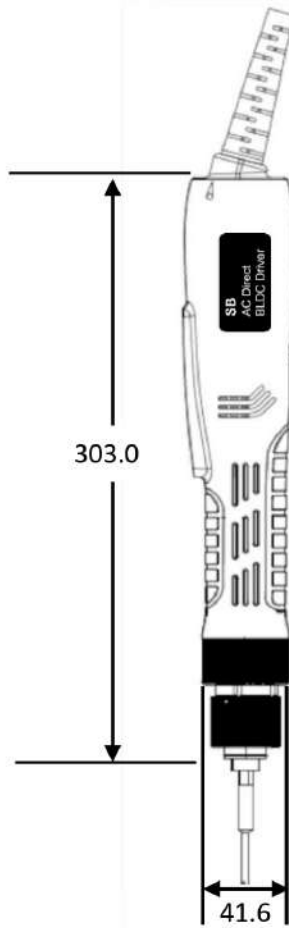
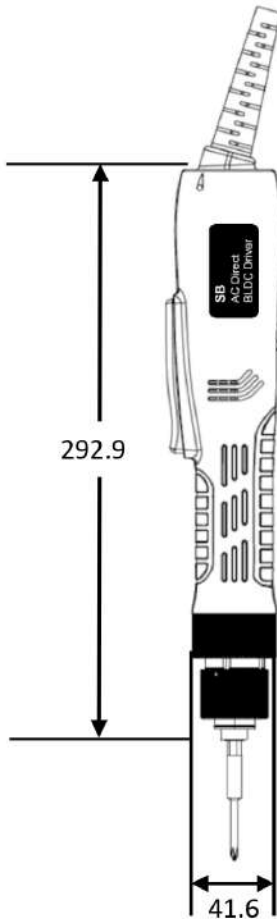
1. Product appearance and specifications

1.1 Appearance and dimensions

SB180-A,B
SB181-A,B
SB250-A,B
SB251-A,B

SB180P-A
SB181P-A
SB250P-A
SB251P-A

SB180P-B
SB181P-B
SB250P-B
SB251P-B



1.2 Electrical specification

	Input	Model
Input voltage	110Vac, 60Hz, 0.7A	SB181, SB181P, SB251, SB251P
	230Vac, 60Hz, 0.7A	SB180, SB180P, SB250, SB250P
Intermittent operation	10s On, 30s Off	
Classification	Class I	

-V (Voltage), AC(Alternating Current), S(Seconds)

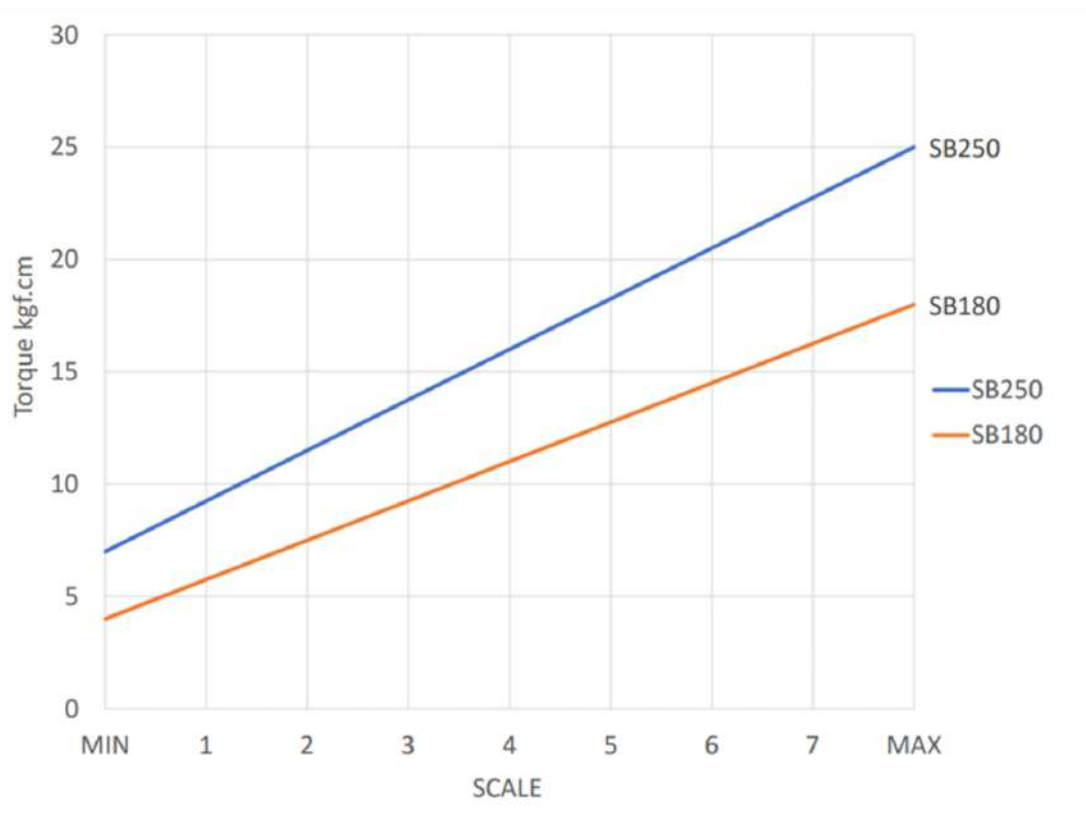
1. Product appearance and specifications

1.3 Mechanical specification

MODEL		TORQUE RANGE (kgf.cm)	SPEED (RPM)	START	Weight (Kg)	BIT SOCKET
220VAC	110VAC					
SB180	SB181	4~18	1400	LEVER	0.56	A: Hex. 1/4" B: Hex. 5mm
SB250	SB251	7~25	1100			
SB180P	SB181P	4~18	1400	PUSH		
SB250P	SB251P	7~25	1100			

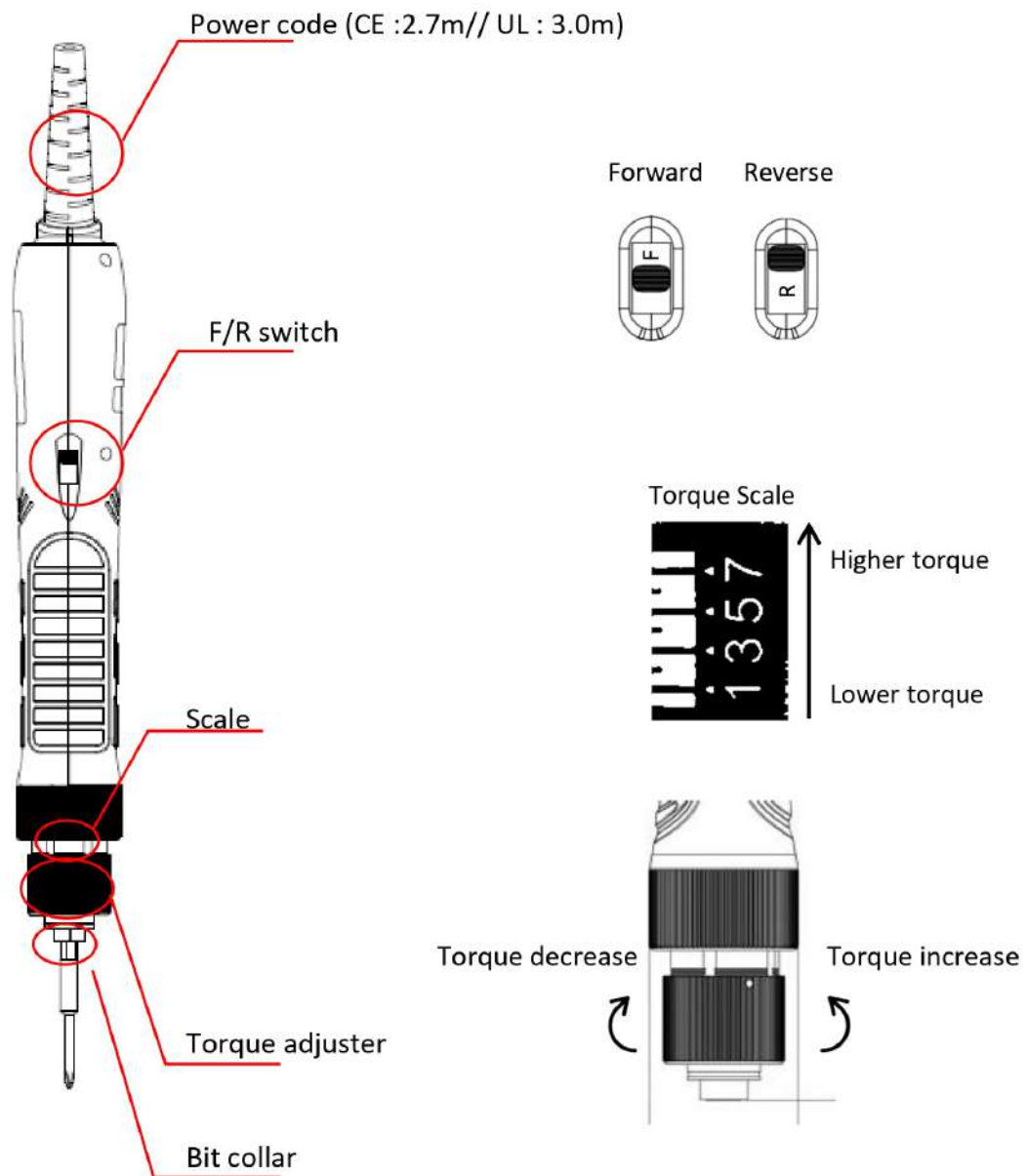
- ▶ The above data can be changed for quality improvement
- ▶ Standard packaging includes two(2) bits
- ▶ Please order by specifying the type of bit you want to use.

1.4 Torque Curve



2. Operation

2.0 Structure of driver



2. Operation

2.1 Bit insert

For the lever type, press the bit collar and insert the bit into the bit socket.

When you release the bit collar you were pressing, the inserted bit is firmly seated in the bit socket.

For the push type, pull the bit collar and insert the bit into the bit socket.

When you let go of the bit collar you were pulling, the inserted bit is firmly fixed in the bit socket.

2.2 Torque setting

Turn the torque adjustment screw to set the torque you want to use. '1.4 Torque Curve' helps you to torque setting as a guidance. The torque curve shown on 1.4 drawing can be changed according to the aging.

For more precise torque settings, use a torque meter. Torque setting is more convenient by using the H-10i or H-50i torque meter.

2.3 Selecting direction of rotation

Slide the 2 positions switch up or down, and set the position of direction. Forward and Reverse are Shown on page No.8 Structure of driver.

2.4 Power cord connection

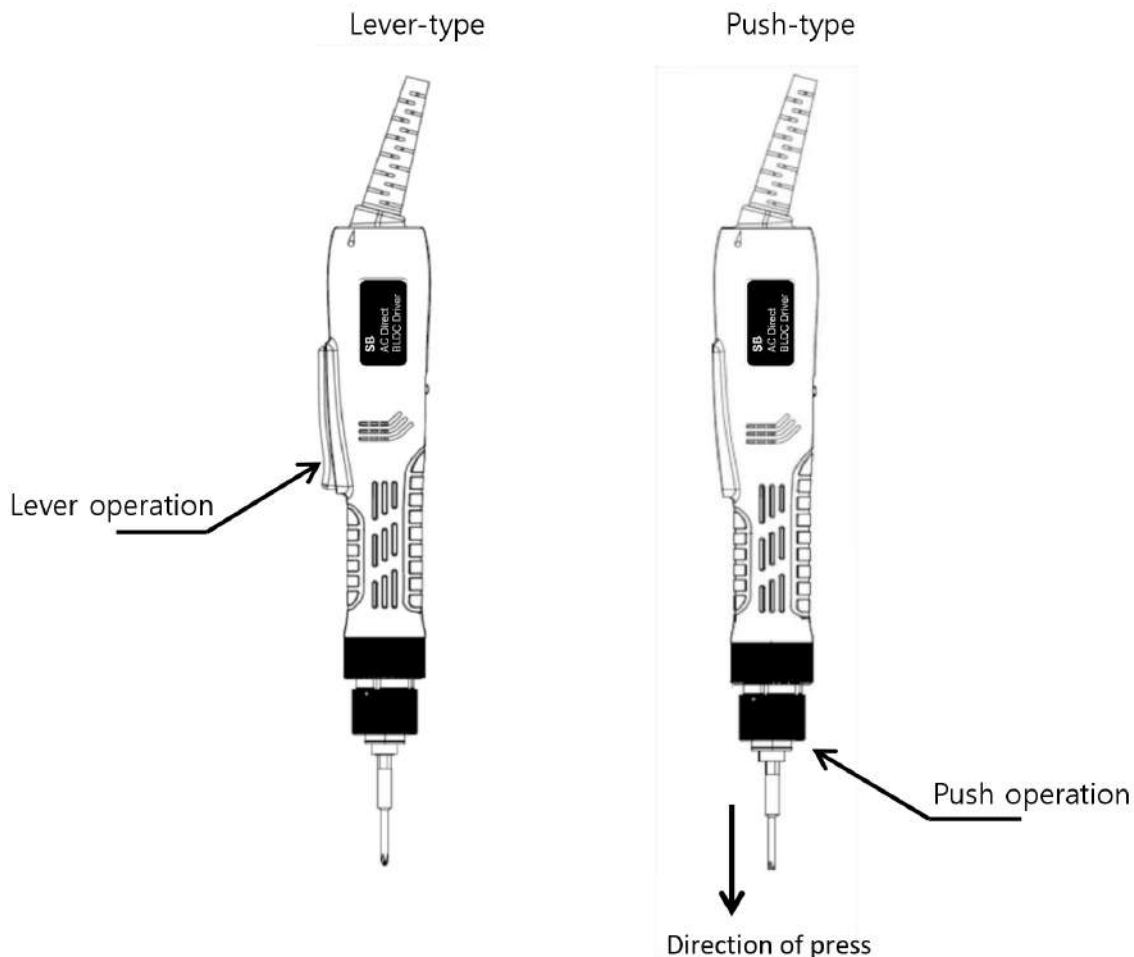
Connect the power cord. The screwdriver is now ready for tightening. If not in use, always unplug the power cord.

2.5 Starting

Lever-type model operates the tool by pressing the lever with your finger.

Push-type models operate the tool by pressing it against the material.

Be sure to hold it with sufficient force to counteract the torque reaction.



2.6 Torque control

As soon as the load reaches the set torque, SB screwdriver stops automatically.

2.7 Reset

Releasing the Lever in lever-type or releasing the press in push-type, the screwdriver return to the stand by situation.

2.8 Intermittent drive operation

This screwdriver is limited to a maximum of 10 seconds of continuous operation and is also designed to require a rest period equal to 3 times the driving time.

2.9 Torque power applied to the screw

The output torque of a driver measured with a torque meter does not directly indicate the clamping force. It may vary depending on the type of tightening, material of the workpiece, type of thread, friction, etc.

3. Accessories

3.1 Torque Cover

The torque cover is used to prevent arbitrary torque adjustment by the operator or unexpected changes in the torque adjuster, and is used as a cover over the torque adjuster.



Torque Cover

