

---

# USER MANUAL

MANUAL VER. 2021.01



## **SBV30G / SBV30 / SBVP Series** One-Piece Instrument Valves Maintenance Instruction

### **Caution**

During the valve operation, operator shall not use other tools, such as spanner, pipe wrench, or etc.

### **Notice**

- » Depending on the working environment, there may be a leakage, and when there is any leakage, follow the directions below for prevention of further leakage by adjusting the packing bolt as instructed below.
- » Packing adjustment must be performed after relieving all of the pressure in the system.

### **Open & Close**

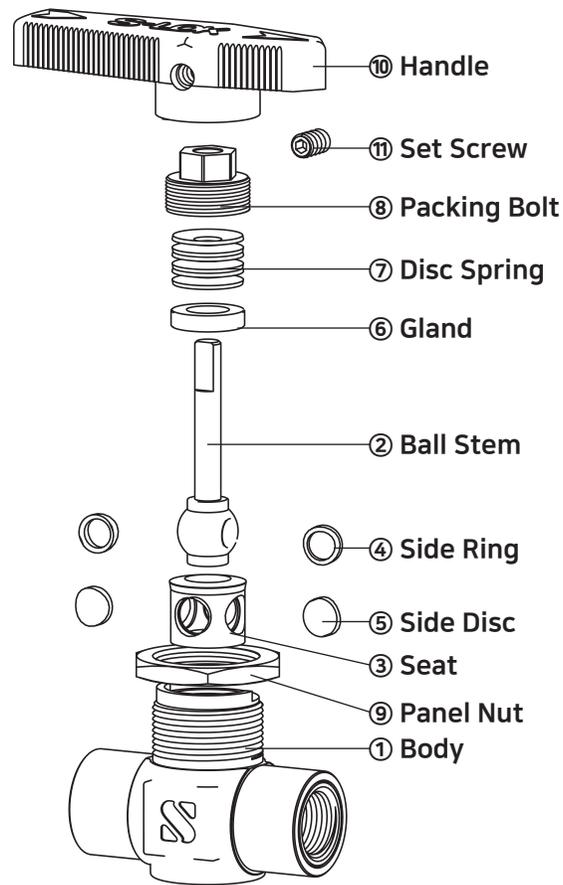
- Opening  
Turn the handle counter-clock wise.



- Closing  
Turn the handle clock wise.



## Valve Composition



<SBV30G Series Component Identification>

### Hex. Wrench

Unit : mm

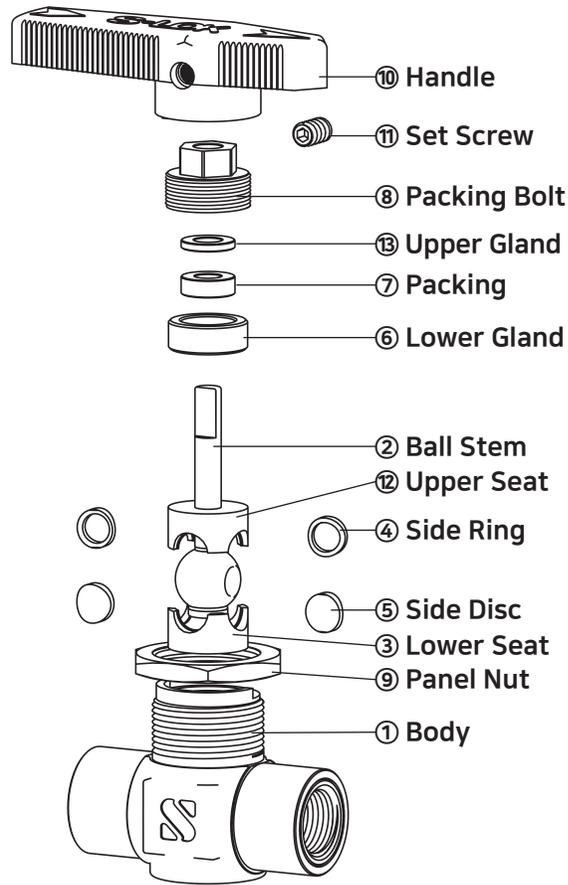
	SBV1G	SBV2G	SBV3G	SBV4G
⑪ Set Screw	2	2.5	3	4

### Spanner

Unit : mm(in.)

	SBV1G	SBV2G	SBV3G	SBV4G
⑨ Panel Nut	19.0 (3/4)	25.4 (1)	34.9 (1-3/8)	41.3 (1-5/8)
⑧ Packing Bolt	8	10.0	12.7 (1/2)	17.0

## Valve Composition



<SBV30 Series Component Identification>

### Hex. Wrench

Unit : mm

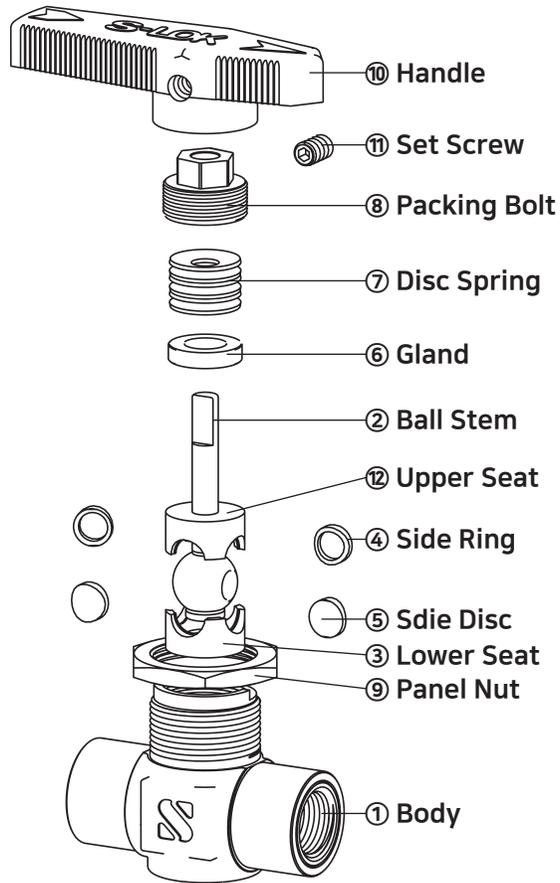
	SBV1	SBV2	SBV3	SBV4
⑪ Set Screw	2	2.5	3	4

### Spanner

Unit : mm(in.)

	SBV1	SBV2	SBV3	SBV4
⑨ Panel Nut	19.0 (3/4)	25.4 (1)	34.9 (1-3/8)	41.3 (1-5/8)
⑧ Packing Bolt	8	10.0	12.7 (1/2)	17.0

## Valve Composition



<SBVP Series Component Identification>

### Hex. Wrench

Unit : mm

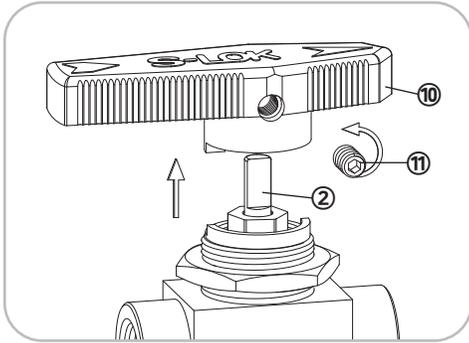
	SBVP1	SBVP2	SBVP3	SBVP4
⑪ Set Screw	2	2.5	3	4

### Spanner

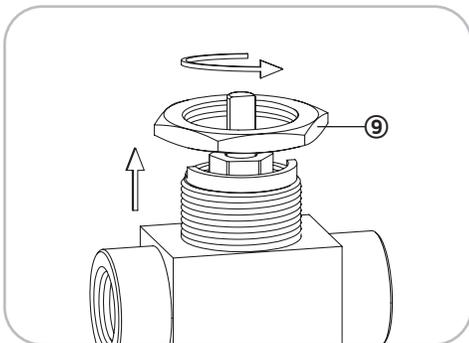
Unit : mm(in.)

	SBVP1	SBVP2	SBVP3	SBVP4
⑨ Panel Nut	19.0 (3/4)	25.4 (1)	34.9 (1-3/8)	41.3 (1-5/8)
⑧ Packing Bolt	8	10.0	12.7 (1/2)	17.0

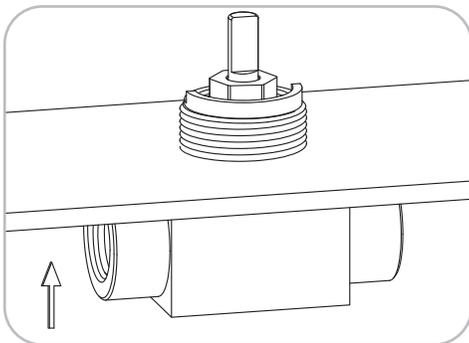
## Panel Installation



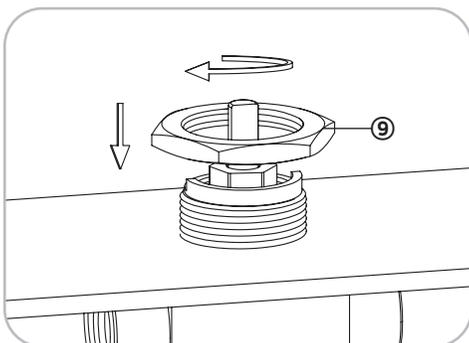
1. Unscrew ⑪ *Set Screw* and disassemble ⑩ *Handle* from ② *Ball Stem*.



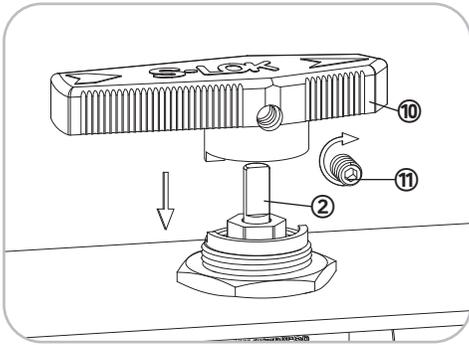
2. Unscrew ⑨ *Panel Nut*.



3. Insert the valve to the panel hole.

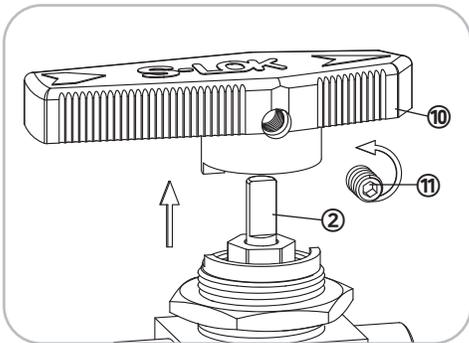


4. Tighten ⑨ *Panel Nut*.

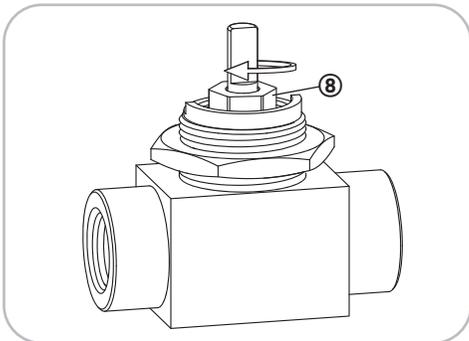


5. Insert ⑩ *Handle* to ② *Ball Stem* and tighten ⑪ *Set Screw*.

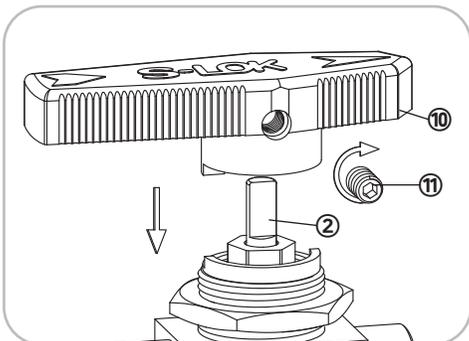
## Packing Adjustment



1. Unscrew ⑪ *Set Screw* and disassemble ⑩ *Handle* from ② *Ball Stem*.



2. Turn ⑧ *Packing Bolt* clockwise in 1/8-turn increments until leak-tight.



3. Insert ⑩ *Handle* to ② *Ball Stem* and tighten ⑪ *Set Screw*.

# USER MANUAL

MANUAL VER. 2021.01

## SBV30G / SBV30 / SBVP Series One-Piece Instrument Valves 사용 설명서



www.slok.co.kr

### ⚠ 주의

1. 밸브 작동을 핸들 외 다른 것으로(스패너, 파이프 렌치 등) 조작해서는 안됩니다.

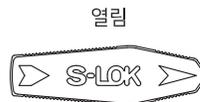
### 알림

- » 사용 환경에 따라 누설이 발생할 수도 있으니 누설 시에는 누설 방지를 위해 본 사용 설명서의 패킹 조정에 따라 패킹 볼트를 조정합니다.
- » 패킹 조정은 반드시 시스템 압력을 모두 제거한 후 진행해야 합니다.

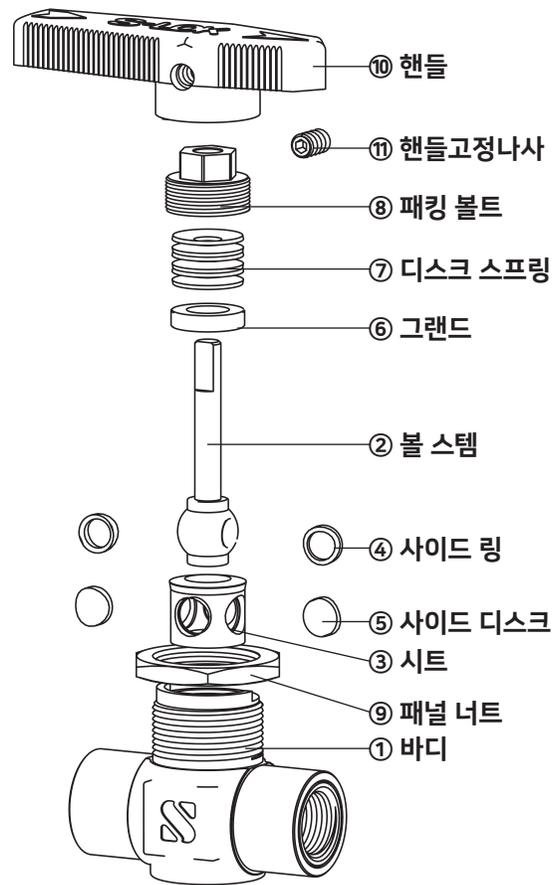
### 밸브 개폐

- 밸브를 열고자 할 때  
핸들을 반시계 방향으로 돌립니다.

- 밸브를 닫고자 할 때  
핸들을 시계 방향으로 돌립니다.



## 밸브 구성



<SBV30G Series 분해도>

### 육각렌치

단위 : mm

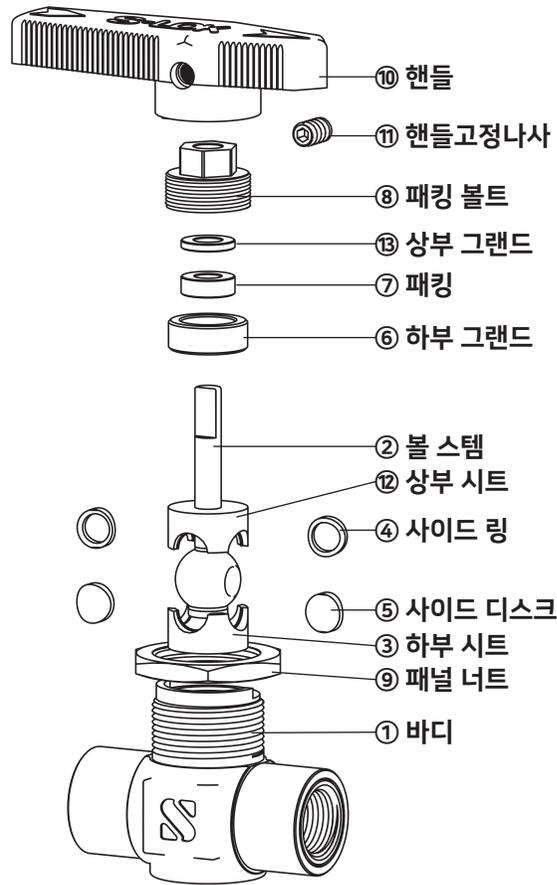
	SBV1G	SBV2G	SBV3G	SBV4G
⑪ 핸들고정나사	2	2.5	3	4

### 스패너

단위 : mm(in.)

	SBV1G	SBV2G	SBV3G	SBV4G
⑨ 패널 너트	19.0 (3/4)	25.4 (1)	34.9 (1-3/8)	41.3 (1-5/8)
⑧ 패킹 볼트	8	10.0	12.7 (1/2)	17.0

## 밸브 구성



<SBV30 Series 분해도>

### 육각렌치

단위 : mm

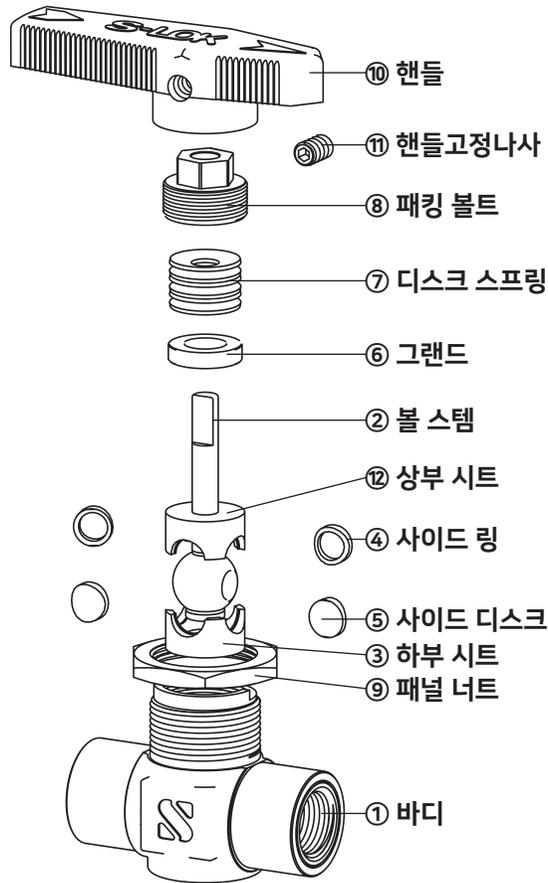
	SBV1	SBV2	SBV3	SBV4
⑪ 핸들고정나사	2	2.5	3	4

### 스패너

단위 : mm(in.)

	SBV1	SBV2	SBV3	SBV4
⑨ 패널 너트	19.0 (3/4)	25.4 (1)	34.9 (1-3/8)	41.3 (1-5/8)
⑧ 패킹 볼트	8	10.0	12.7 (1/2)	17.0

## 밸브 구성



<SBVP Series 분해도>

### 육각렌치

단위 : mm

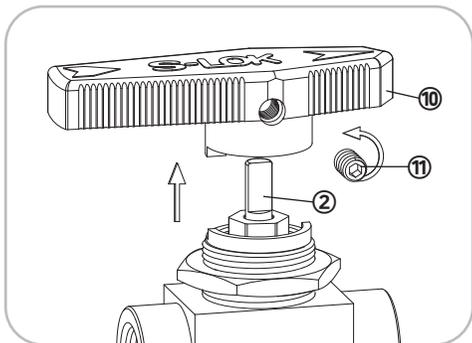
	SBVP1	SBVP2	SBVP3	SBVP4
⑪ 핸들고정나사	2	2.5	3	4

### 스패너

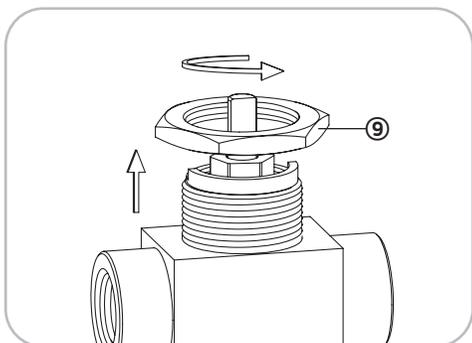
단위 : mm(in.)

	SBVP1	SBVP2	SBVP3	SBVP4
⑨ 패널 너트	19.0 (3/4)	25.4 (1)	34.9 (1-3/8)	41.3 (1-5/8)
⑧ 패킹 볼트	8	10.0	12.7 (1/2)	17.0

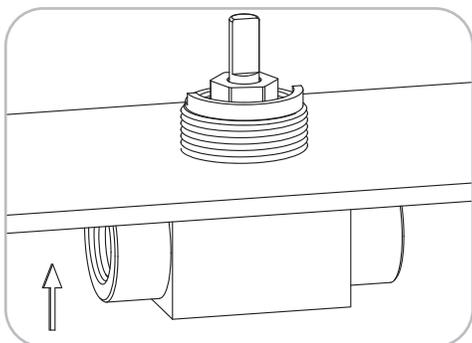
## 패널 설치



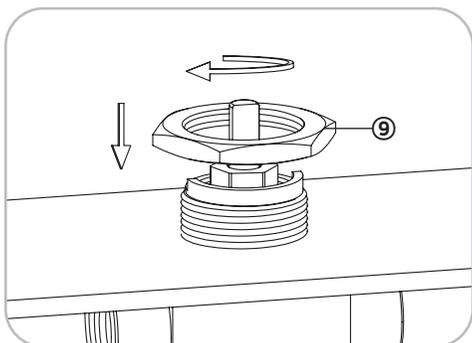
1. ⑪ 핸들 고정나사를 풀어 ② 볼 스템에서 ⑩ 핸들을 분리합니다.



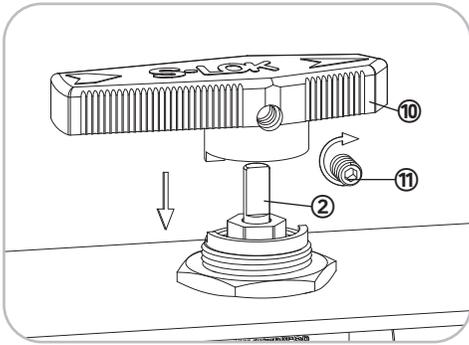
2. ⑨ 패널 너트를 분리합니다.



3. ⑨ 패널 너트가 분리된 밸브를 패널에 삽입합니다.

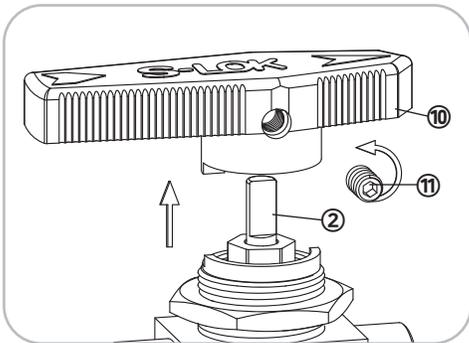


4. ⑨ 패널 너트를 단단히 조입니다.

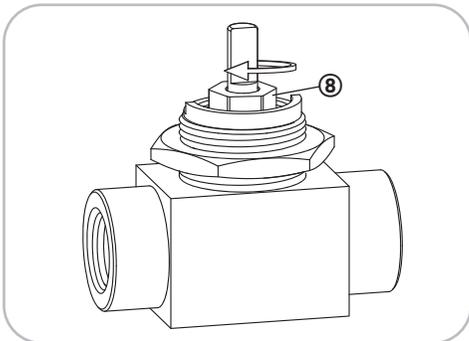


5. ⑩ 핸들을 ② 볼 스템에 넣고, ⑪ 핸들고정나사를 단단히 조입니다.

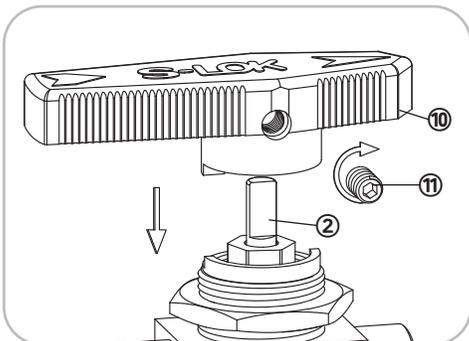
## 패킹 조정



1. ⑪ 핸들고정나사를 풀어 ② 볼 스템에서 ⑩ 핸들을 분리합니다.



2. ⑧ 패킹 볼트를 1/8 바퀴씩 돌려 완전 밀폐가 될 때까지 조입니다.



3. ⑩ 핸들을 ② 볼 스템에 넣고, ⑪ 핸들고정나사를 단단히 조입니다.