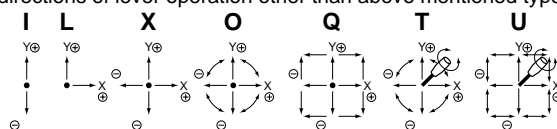


# 60JB

## Nomenclature

- **S** means special mechanical specifications not applicable to our standards.
- **60** means approx. size of base housing in mm.
- **J** means joystick controller.
- **B** means kind of type:  
**B** : Available with 1, 2 and 3-dimensional coordinates. Potentiometer incorporated inside the housing.
- **M** : means round type.
- **Y** means kind of mechanism:  
**X** : 1-dimensional coordinate. **Y** : 2-dimensional coordinate.  
**Z** : 3-dimensional coordinate.
- **Available directions of lever operation as below illustration.**  
 (Standard Version)  
**O** : 360° omni-directionally operating type.  
 (Special Version)  
**Q** : 360° square-directionally operating type.  
**X** : Cross direction of X and Y only operating type.  
**I** : I-figure (Y) direction only operating type.  
**L** : L-figure direction only operating type.  
**T** : In addition to 360- omni-directional operation, 3-dimensional coordinate operation is possible by rotating knob in which a potention meter is mounted.  
**U** : In addition to "Q operation ", 3-dimensional coordinate operation is possible by rotating knob in which a potentiometer is mounted.  
**S** : Special directions of lever operation other than above mentioned types.



**S** **60** **J** **B** **M** - **Y** **O** - **2** **0** **R2** **G** - **0000**

**Number of potentiometers to be mounted.**  
**0**...no potentiometer mounted. **2**...2 potentiometers mounted.  
**1**...1 potentiometer mounted. **3**...3 potentiometers mounted.

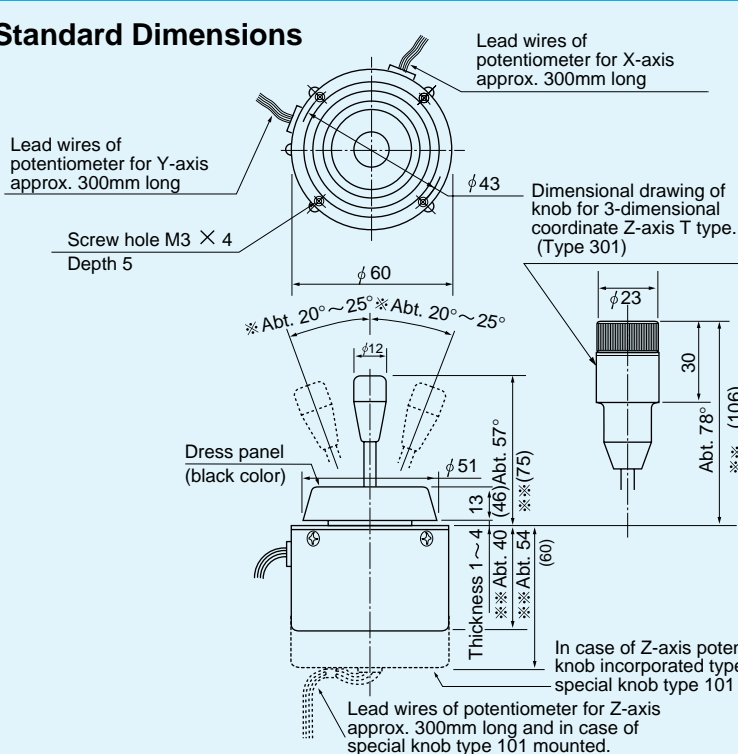
**Number of switches to be mounted.**  
**0**...no switch mounted. **1**...1 switch mounted. **2**...2 switches mounted.

**With spring return device.**  
**R1** : with spring return device for 1-dimensional coordinate.  
**R2** : with spring return device for 2-dimensional coordinate.  
**R3** : with spring return device for 3-dimensional coordinate.

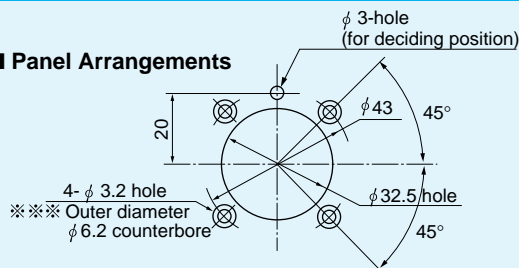
**Mounting accessories** : **G** : with dust proof rubber cover. **P** : with sub-panel for mounting.

**Special part number basing on customer's specifications with 4 digits number.**

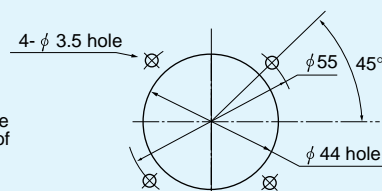
## Standard Dimensions



## Panel Arrangements



- Note : 1) In case of type Q and U, the angle of mark "※※※" becomes square-directionally  $\pm 12^\circ \sim \pm 16^\circ$  from center position.  
 2) In case of dust-proof rubber cover type G-1, panel arrangement is as below. The dimensions with mark "※※※" shall also change to numbers in the parentheses.  
 3) In case of dust-proof rubber cover type G-4, the work of "※※※" part is not necessary.  
 4) 4 pcs. of mounting screws (M3 x 6) are attached.



Panel arrangement in case of dust-proof rubber cover type G-1.

(Unit : mm)

