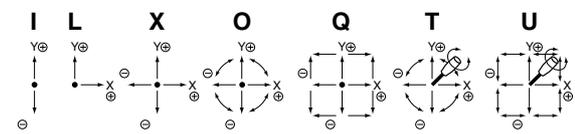


# 60JB

Potentiometer with a conductive plastic resistive element

## Nomenclature

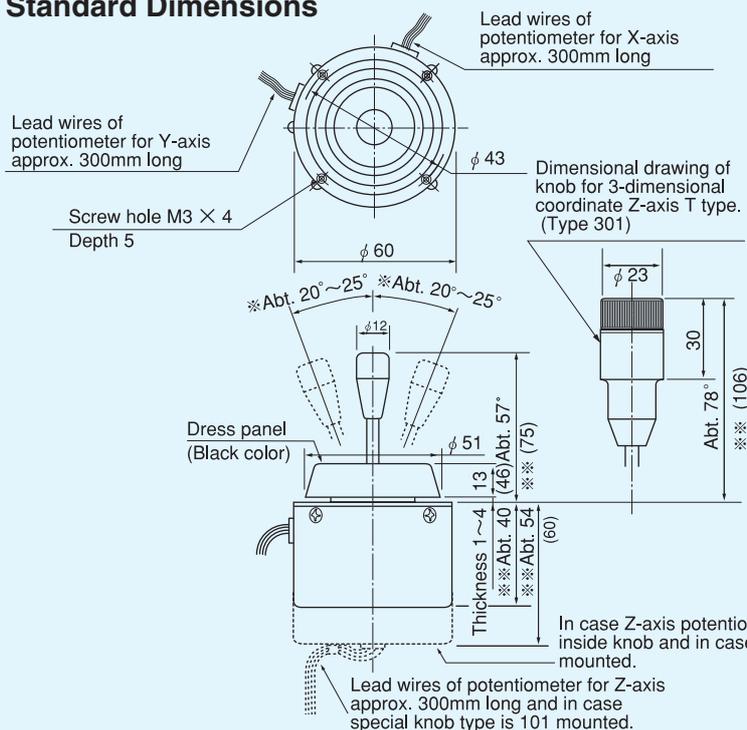
- **S** means special mechanical specifications not applicable to our standards.
- **60** means approx. size of base housing in mm.
- **J** means joystick controller.
- **B** means kind of type:  
**B** : 1,2 or 3-dimensional coordinates is available and also means Potentiometer is incorporated inside 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** : Omni-directional 360° operating type  
**Special version:**  
**I** : I figure (Y) directional operating type  
**L** : L figure (+Y, +X only) direction operating type  
**X** : Cross direction of X and Y operating type  
**Q** : Square-directionally 360° operating angle  
**T** : In addition to omni-directionally 360° operation, this type is 3-dimensional coordinate operation by rotating knob in which a potentiometer is incorporated.  
**U** : In addition to square-directionally 360° operation, this type is 3-dimensional coordinate operation by rotating knob in which a potentiometer is incorporated.  
**S** : Special operating directions other than the above-mentioned types



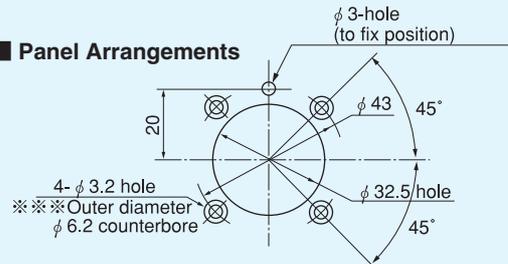
**S** **60** **J** **B** **M** - **Y** **O** - **2** **0** **R2** **G** - **00000**

- **Number of potentiometers to be incorporated.**  
**0**...no potentiometer incorporated. **2**...2 potentiometers incorporated.  
**1**...1 potentiometer incorporated. **3**...3 potentiometers incorporated.
- **Number of switches to be incorporated.**  
**0**...no switch incorporated. **1**...1 switch incorporated. **2**...2 switches incorporated.
- **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 :**  
 In case we produce customized product, we add 4-digit or 5-digit branch number.

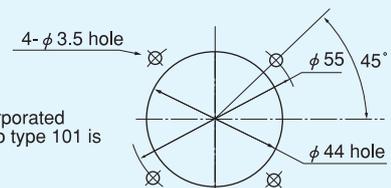
## Standard Dimensions



## Panel Arrangements



- Note :1) In case of type Q and U, the angle of mark "※" becomes square-directionally ±12°~±16° 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 be changed 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 × 6) are attached.



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

(Unit : mm)

