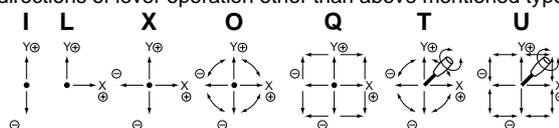


60JB

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.

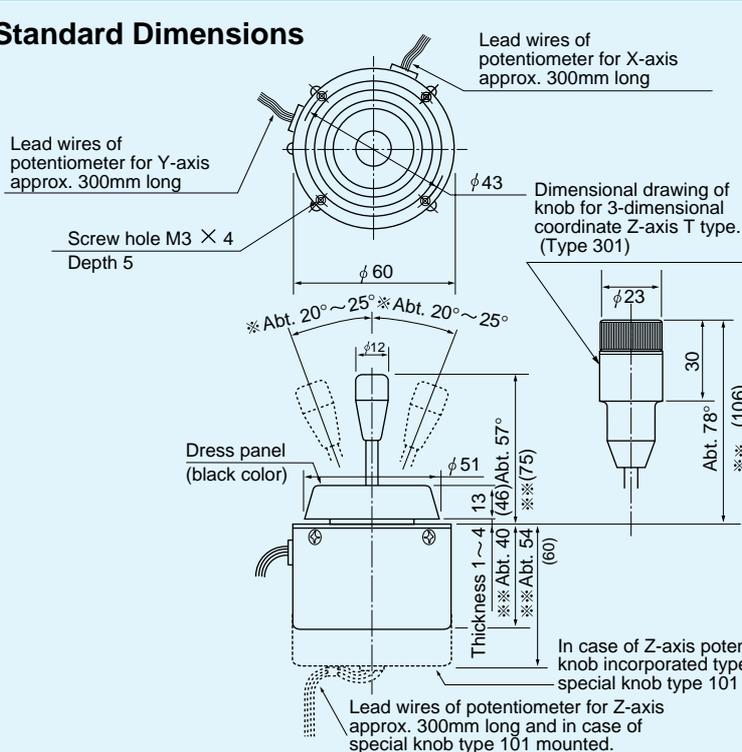
Number of switches to be mounted.
0...no switch mounted. **1**...1 switch mounted. **2**...2 switches mounted.

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.

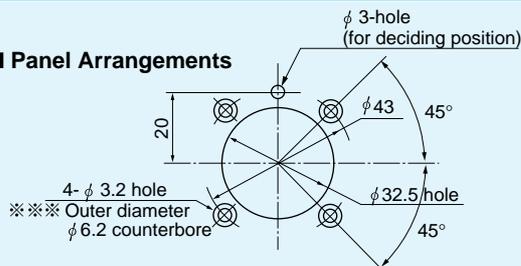
Mounting accessories : **G** : with dust proof rubber cover. **P** : with sub-panel for mounting.

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

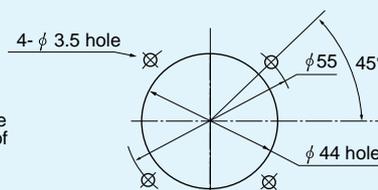
Standard Dimensions



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)

