YK400XG Tool flange mount type

Machine harness

- User tubing 1 (ϕ4 black)
- User tubing 2 (ϕ4 red)
- User tubing 3 (ϕ4 blue)

M4 ground terminal

- D-sub connector for user wiring (No. 1 to 10 usable)

If the robot enters the inside of the corner of R190 and dimension 148, the tool flange may be in contact with the base or the arm may be in contact with the machine harness. So, do not perform such motion.

- Note that the robot cannot be used at a position where the base flange or robot cable interferes with the tool flange in the working envelope shown above.
- X-axis mechanical stopper position : 142°
- Y-axis mechanical stopper position : 146°

Keep enough space for the maintenance work at the rear of the base.

Detailed drawing D

4-M3 × 0.5 through-hole (No phase relation to R-axis origin)

As this hole is intended for the wiring/tubing clamp, do not attach a large load to it.

R27 (Min. cable bending radius)

Do not move the cable.

Note that the robot cannot be used at a position where the base flange or robot cable interferes with the tool flange in the working envelope shown above.