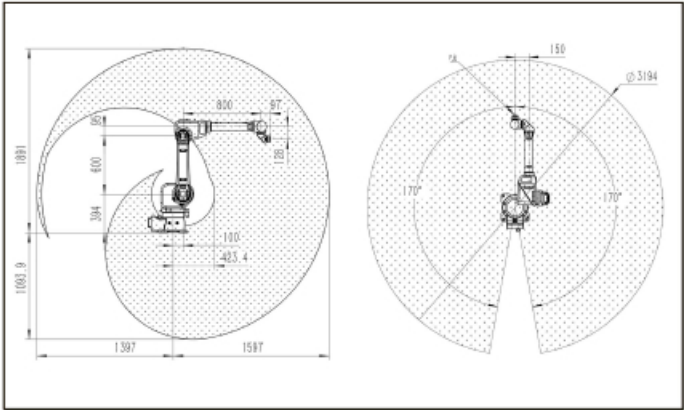
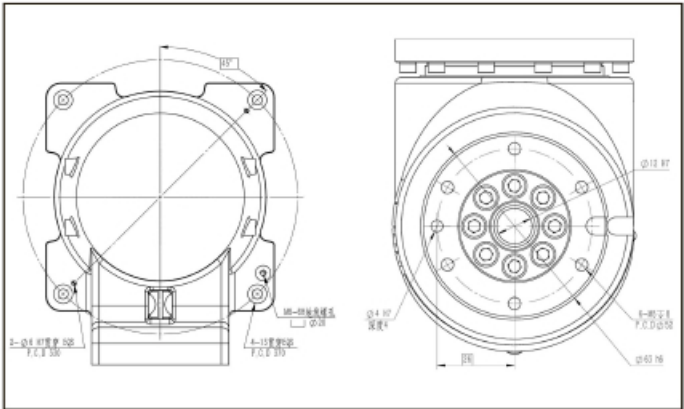


|                          |     |                       |                   |
|--------------------------|-----|-----------------------|-------------------|
| Product model            |     | SR5-1600              |                   |
| Activity radius          |     | 1600mm                |                   |
| Repeat positioning       |     | ±0.05mm               |                   |
| Action range&speed       |     | Action range          | speed             |
|                          | A 1 | -170° ~ +170°         | 2.7rad/s,159.5°/s |
|                          | A 2 | -95° ~ +170°          | 3.0rad/s,176.4°/s |
|                          | A 3 | -100° ~ +80°          | 3.3rad/s,191.5°/s |
|                          | A 4 | -360° ~ +360°         | 6.8rad/s,392.1°/s |
|                          | A 5 | -360° ~ +360°         | 6.8rad/s,392.1°/s |
|                          | A 6 | -360° ~ +360°         | 10.4rad/s ,600°/s |
| Allow static load torque | J 4 | 39N.m                 |                   |
|                          | J 5 | 31N.m                 |                   |
|                          | J 6 | 17.6N.m               |                   |
| Allow moment of inertia  | J 4 | 0.67kg.m <sup>2</sup> |                   |
|                          | J 5 | 0.54kg.m <sup>2</sup> |                   |
|                          | J 6 | 0.25kg.m <sup>2</sup> |                   |

## OPERATING SPACE

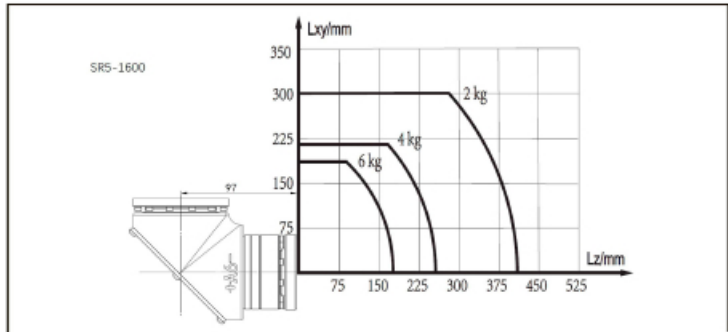


## BASE& END FLANGE MOUNTING SIZE



|                          |                      |                                                                                                                                                |  |
|--------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--|
| structure                |                      | Vertical multi joint type (6 degrees of freedom)                                                                                               |  |
| Installation method      |                      | Placed, inverted, wall mounted                                                                                                                 |  |
| Robot quality            |                      | 150kg                                                                                                                                          |  |
| protection grade         | body                 | IP65                                                                                                                                           |  |
|                          | Wrist components     | IP67                                                                                                                                           |  |
| Explosion proof sign     | Model specifications | SR series                                                                                                                                      |  |
|                          | gas                  | Ex eb ib mb pxb IIc T4 Gb                                                                                                                      |  |
|                          | dust                 | Ex tb ib mb pxb IIIC T135'CDb                                                                                                                  |  |
|                          | temperature          | 0~45℃                                                                                                                                          |  |
| Installation environment | humidity             | 20%~80% RH (no condensation)                                                                                                                   |  |
|                          | vibrate              | Below 4.9m/s <sup>2</sup> (0.5G)                                                                                                               |  |
|                          | other                | No corrosive gases or liquids are allowed                                                                                                      |  |
|                          |                      | Stay away from electrical noise sources and electromagnetic sources, Stay away from strong microwaves, ultraviolet rays, X-rays, and radiation |  |
| Transportable weight     | hand and wrist       | 5Kg                                                                                                                                            |  |
|                          | boom                 | 8kg                                                                                                                                            |  |
| noise                    |                      | 70dB                                                                                                                                           |  |

## WRIST END LOAD MAP



## SELECTION&CONFIGURATION TABLE

| project                       | Standard configuration        | Optional configuration                      |
|-------------------------------|-------------------------------|---------------------------------------------|
| Drive unit                    | 6 axes                        | 6+3 axes                                    |
| Electric cabinet - body cable | Static cable                  | Static cable   drag chain cable             |
|                               | 8m                            | 30m                                         |
| Teaching pendant cable        | 10m                           | 30m                                         |
| Digital quantity DI/DO        | 14/16                         | Can increase the number of hardware modules |
| Analog AI/AO                  | 2                             | Can add secure IO modules                   |
| Fieldbus                      | MODBUS TCP                    | RTU TCP/IP 485/232                          |
| Program capacity              | 1G                            | /                                           |
| external interface            | USB                           | /                                           |
| software package              | Spray coating process package | vision                                      |
| display form                  | Teach Pendant                 | Touch Screen                                |
| colour                        | LY9H/2K Pure Black            | Customer booking                            |