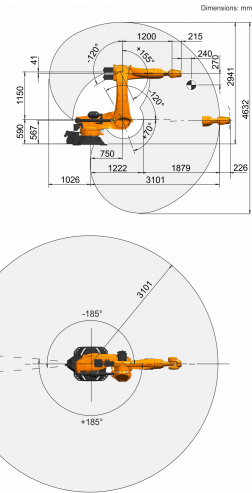




## KR 180 R3100 prime K



### Workspace graphic



### Technical data

|  |                     |
|--|---------------------|
| Maximum reach  | 3101 mm             |
| Rated payload  | 180 kg              |
| Rated supplementary load, rotating column / link arm / arm | 0 kg / 0 kg / 50 kg |
| Rated total load   | 230 kg              |
| Pose repeatability (ISO 9283)                              | ± 0.06 mm           |
| Number of axes   | 6                   |
| Mounting position  | Floor               |
| Footprint  | 830 mm x 830 mm     |
| Weight   | approx. 1168 kg     |

### Axis data

|                          |                |
|--------------------------|----------------|
| Motion range             |                |
| A1                       | ±185 °         |
| A2                       | -120 ° / 70 °  |
| A3                       | -120 ° / 155 ° |
| A4                       | ±350 °         |
| A5                       | ±125 °         |
| A6                       | ±350 °         |
| Speed with rated payload |                |
| A1                       | 105 °/s        |
| A2                       | 107 °/s        |
| A3                       | 114 °/s        |
| A4                       | 179 °/s        |
| A5                       | 172 °/s        |
| A6                       | 219 °/s        |

### Operating conditions

Ambient temperature during operation: 10 °C to 55 °C (283 K to 328 K)

### Protection rating

|  |      |
|--|------|
| Protection rating (IEC 60529)              | IP65 |
| Protection rating, robot wrist (IEC 60529) | IP65 |

### Controller

|            |       |
|------------|-------|
| Controller | KR C4 |
|------------|-------|

### Mounting flange

