



# KR 150 R2700-2 F



#### **Technical data**

| Maximum reach   | 2701 mm                  |
|---|--------------------------|
| Rated payload   | 150 kg                   |
| Maximum payload   | 218 kg                   |
| Maximum supplementary load, ro-<br>tating column / link arm / arm | 300 kg / 130 kg / 150 kg |
| Pose repeatability (ISO 9283)                                     | ± 0.05 mm                |
| Number of axes  | 6                        |
| Mounting position   | Floor                    |
| Footprint   | 754 mm x 754 mm          |
| Weight  | approx. 1072 kg          |
|   |                          |

# Axis data

| Motion range             |                |
|--------------------------|----------------|
| A1                       | ±185 °         |
| A2                       | -140 ° / -5 °  |
| A3                       | -120 ° / 168 ° |
| A4                       | ±350 °         |
| A5                       | ±125 °         |
| A6                       | ±350 °         |
| Speed with rated payload |                |
| A1                       | 120 °/s        |
| A2                       | 115 °/s        |
| A3                       | 120 °/s        |
| A4                       | 190 °/s        |
| A5                       | 180 °/s        |
| A6                       | 260 °/s        |

# **Operating conditions**

Ambient temperature during opera- 0  $^\circ \text{C}$  to 55  $^\circ \text{C}$  (273 K to 328 K) tion

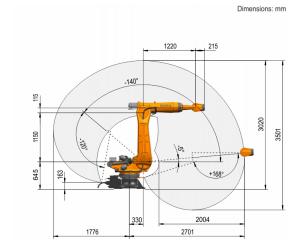
#### **Protection rating**

| Protection rating (IEC 60529)                 | IP65 / IP67 |
|---|-------------|
| Protection rating, robot wrist (IEC<br>60529) | IP65 / IP67 |

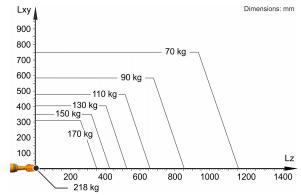
#### Controller

| Controller | KR C5; |
|------------|--------|
|            | KR C4  |

# Workspace graphic

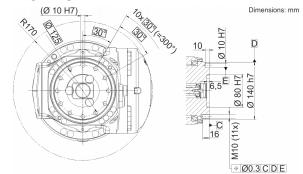


## Payload diagram



The KR 150 R2700-2 F is designed for a rated payload of 150 kg in order to optimize the dynamic performance of the robot. The maximum payload of 218 kg applies only if the position of the center of mass is 0 mm and a supplementary load optimized for the load case is mounted. The specific load case must be verified using KUKA.Load or KUKA Compose. For further consultation, please contact KUKA Support.

## Mounting flange



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