



KR 4 R600



Technical data

| | |
|-------------------------------|-----------------------------|
| Maximum reach | 601 mm |
| Maximum payload | 4.63 kg |
| Pose repeatability (ISO 9283) | ± 0.015 mm |
| Number of axes | 6 |
| Mounting position | Floor; Ceiling; Wall; |
| | Desired angle |
| Footprint | 179 mm x 179 mm |
| Weight | approx. 27 kg |

Axis data

| | |
|--------------|----------------|
| Motion range | |
| A1 | ±170 ° |
| A2 | -195 ° / 40 ° |
| A3 | -115 ° / 150 ° |
| A4 | ±185 ° |
| A5 | ±120 ° |
| A6 | ±350 ° |

Operating conditions

| | |
|--------------------------------------|--------------------------------|
| Ambient temperature during operation | 0 °C to 55 °C (273 K to 328 K) |
|--------------------------------------|--------------------------------|

Protection rating

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|--|------|
| Protection rating (IEC 60529) | IP40 |
| Protection rating, robot wrist (IEC 60529) | IP40 |

Controller

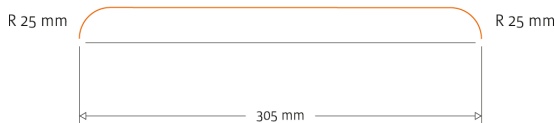
| | |
|------------|-------------|
| Controller | KR C5 micro |
|------------|-------------|

Certificates

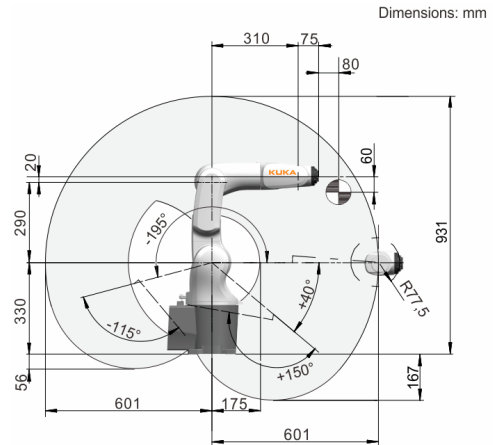
| | |
|------------------|-------------------------------|
| ESD requirements | IEC61340-5-1; ANSI/ESD S20.20 |
|------------------|-------------------------------|

Cycle time

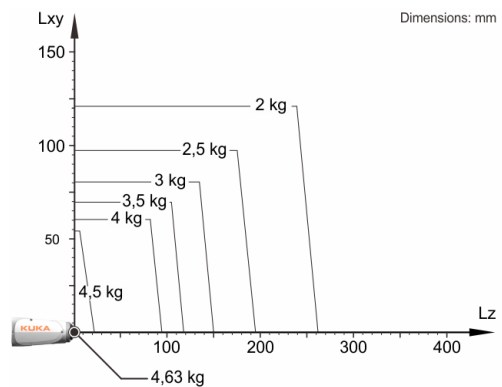
152 cycles per minute (25 mm / 305 mm / 25 mm, 1 kg)



Workspace graphic



Payload diagram



The KR 4 R600 is designed for a rated payload of 3 kg in order to optimize the dynamic performance of the robot. The maximum payload of 4.63 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

