



## KR 6 R1440-2 arc HW E



### Technical data

Maximum reach	1441 mm
Rated payload	6 kg
Maximum payload	9 kg
Maximum supplementary load, rotating column / link arm / arm	20 kg / 15 kg / 15 kg
Pose repeatability (ISO 9283)	± 0.04 mm
Number of axes	6
Mounting position	Floor; Ceiling
Footprint	420 mm x 363 mm
Weight	approx. 195 kg

### Axis data

Motion range	
A1	±170 °
A2	-185 ° / 65 °
A3	-122 ° / 178 °
A4	±165 °
A5	±140 °
A6	±350 °
Speed with rated payload	
A1	230 °/s
A2	230 °/s
A3	230 °/s
A4	430 °/s
A5	430 °/s
A6	630 °/s

### Operating conditions

Ambient temperature during operation	0 °C to 45 °C (273 K to 318 K)
--------------------------------------	--------------------------------

### Protection rating

Protection rating (IEC 60529)	IP54
Protection rating, robot wrist (IEC 60529)	IP65

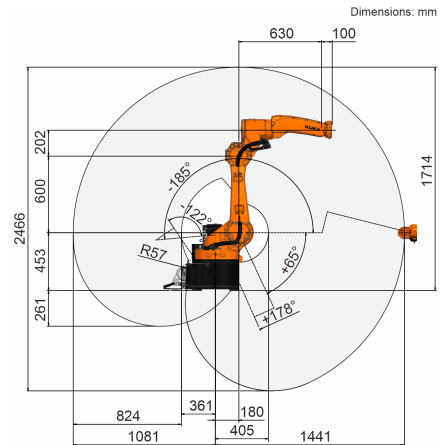
### Controller

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

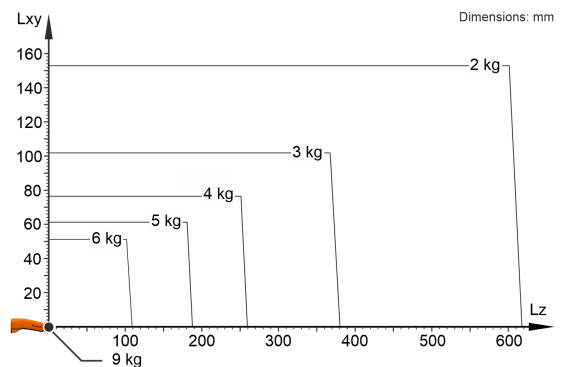
### Certificates

Certificates	NRTL/CE/CR
--------------	------------

### Workspace graphic



### Payload diagram



The KR 6 R1440-2 arc HW E is designed for a rated payload of 6 kg in order to optimize the dynamic performance of the robot. With reduced load center distances and favorable supplementary loads, a maximum payload of up to 9 kg can be mounted. The specific KUKA Load case must be verified using KUKA. For further consultation, please contact KUKA Service.

### Mounting flange

