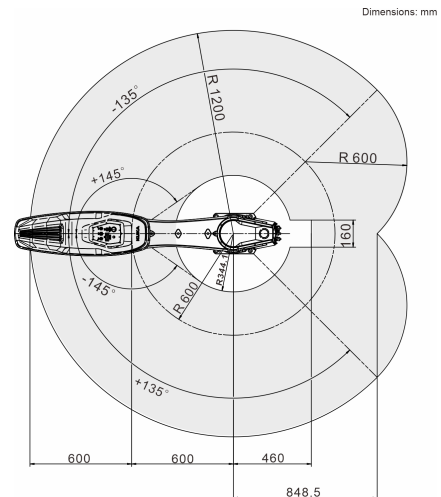




## KR 60 R1200 Z400



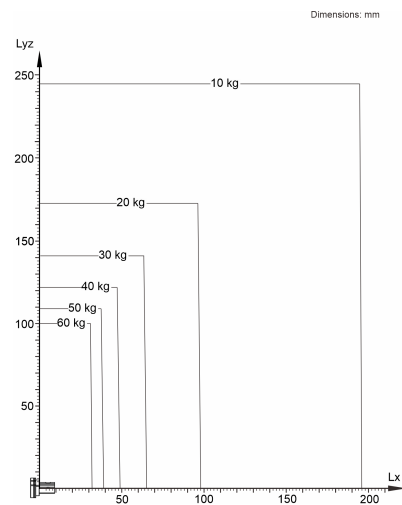
### Workspace graphic



### Technical data

Designation	KR 60 R1200 Z400
Number of axes	4
Pose repeatability XY	± 0.05 mm
Pose repeatability Z	± 0.02 mm
Pose repeatability R	± 0.01 °
Weight	approx. 120 kg
Rated payload	20 kg
Maximum payload	60 kg
Maximum reach	1200 mm
Mounting position	Floor
Footprint	240 mm x 255 mm

### Payload diagram



### Axis data

Motion range	
Motion range, axis 1	±135 °
Motion range, axis 2	±145 °
Motion range, axis 3	-400 mm / 1 mm
Motion range, axis 4	±355 °
Speed with rated payload	
Axis velocity, axis 1	230 °/s
Axis velocity, axis 2	260 °/s
Axis velocity, axis 3	0.75 m/s
Axis velocity, axis 4	690 °/s

### Operating conditions

Ambient temperature during operation	0 °C to 45 °C (273 K to 318 K)
Cleanroom class (ISO 14644-1)	-

### Protection rating

Protection rating (IEC 60529)	IP54
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### Controller

Controller	KR C5 micro
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### Certificates

ESD requirements	IEC61340-5-1; ANSI/ESD S20.20
Certificates	CE/UL

The KR 60 R1200 Z400 is designed for a rated payload of 20 kg in order to optimize the dynamic performance of the manipulator. With the reduced load center distances, higher loads up to the maximum payload may be used. The specific load case must be verified using KUKA.Load. For further consultation, please contact KUKA Support.

### Cycle time

100 cycles per minute (25 mm / 300 mm / 25 mm, 5 kg)

