

## KR 640 R2800-2



### Technical data

Maximum reach	2800 mm
Rated payload	640 kg
Maximum payload	835 kg
Maximum supplementary load, rotating column / link arm / arm	550 kg / 130 kg / 150 kg
Pose repeatability (ISO 9283)	± 0.08 mm
Number of axes	6
Mounting position	Floor
Footprint	968 mm x 944 mm
Weight	approx. 2130 kg

### Axis data

Motion range	
A1	±185 °
A2	-130 ° / 20 °
A3	-100 ° / 165 °
A4	±350 °
A5	±120 °
A6	±350 °
Speed with rated payload	
A1	90 °/s
A2	80 °/s
A3	75 °/s
A4	90 °/s
A5	90 °/s
A6	130 °/s

### Operating conditions

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

### Protection rating

Protection rating (IEC 60529)	IP65
Protection rating, robot wrist (IEC 60529)	IP65 / IP67

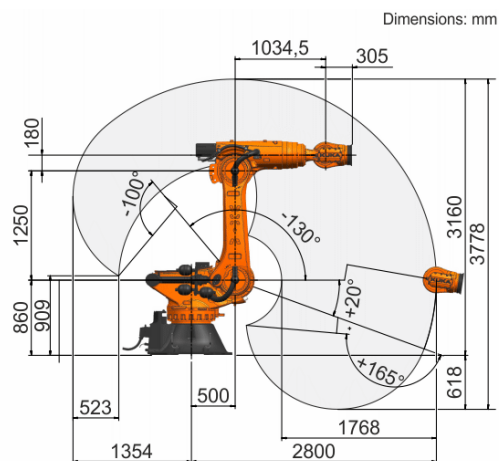
### Controller

Controller	KR C5
------------	-------

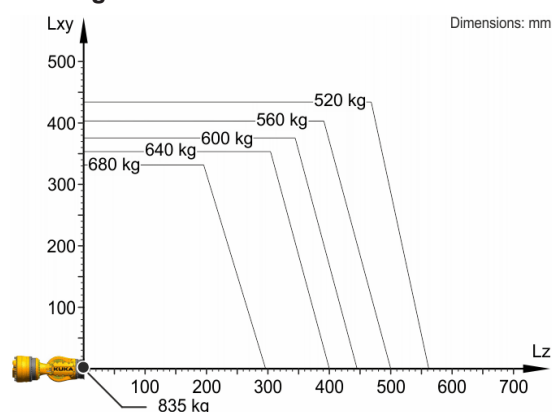
### Certificates

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

### Workspace graphic



### Payload diagram



The KR 640 R2800-2 is designed for a rated payload of 640 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 835 kg can be mounted. The specific KUKA Load case must be verified using KUKA. For further consultation, please contact KUKA Service.

### Mounting flange

