



KR 20 R1810 HO



Technical data

1813 mm
20 kg
23.9 kg
20 kg / 15 kg / 15 kg
± 0.04 mm
6
Floor; Ceiling; Wall; Desired angle
430.5 mm x 370 mm
approx. 250 kg

Axis data

Motion range	
A1	±185 °
A2	-185 ° / 65 °
A3	-138 ° / 175 °
A4	±350 °
A5	±130 °
A6	±350 °
Speed with rated payload	
A1	200 °/s
A2	175 °/s
A3	190 °/s
A4	430 °/s
A5	430 °/s
A6	630 °/s

Operating conditions

Ambient temperature during opera-	5 °C to 45 °C (278 K to 318 K)
tion	

Protection rating

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

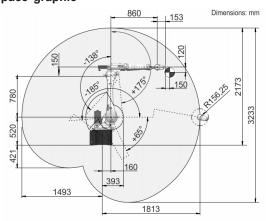
Controller

Controller	KR C5;
	KR C4

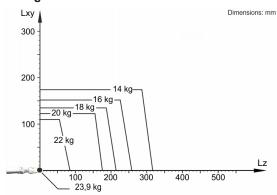
Certificates

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

Workspace graphic



Payload diagram



The KR 20 R1810 HO is designed for a rated payload of 20 kg in order to optimize the dynamic performance of the robot. The maximum payload of 23.9 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

