



# KR 120 R2100 nano F exclusive



#### **Technical data**

Maximum reach	2100 mm
Rated payload	120 kg
Rated supplementary load, rotat-	0 kg / 0 kg / 30 kg
ing column / link arm / arm	
Rated total load	150 kg
Pose repeatability (ISO 9283)	± 0.05 mm
Number of axes	6
Mounting position	Floor
Footprint	850 mm x 615 mm
Weight	approx. 963 kg

# Axis data

Motion range	
A1	±165 °
A2	-135 ° / 45 °
A3	-65 ° / 155 °
A4	±350 °
A5	±125 °
A6	±350 °
Speed with rated payload	
A1	136 °/s
A2	95 °/s
A3	120 °/s
A4	292 °/s
A5	258 °/s
A6	284 °/s

# **Operating conditions**

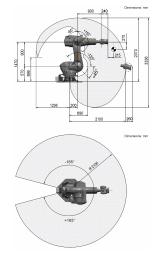
Ambient temperature during oper-10 °C to 55 °C (283 K to 328 K) ation

# **Protection rating**

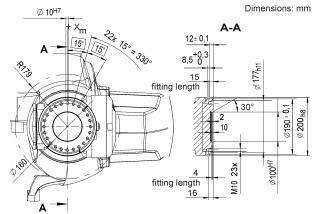
Protection rating (IEC 60529)	IP65 / IP67 / IP69
Protection rating, robot wrist (IEC	IP65 / IP67 / IP69
60529)	

Controller	
Controller	KR C5;
	KR C4

#### Workspace graphic



# Mounting flange



Details provided about the properties and usability of the products are purely for information purposes and do not constitute a guarantee of these characteristics. The extent of goods delivered and services performed is determined by the subject matter of the specific contract. No liability accepted for errors or omissions. 0000-253-457 / V2.1 / 26.05.2022 / en

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