

KR 180 R3200 PA



Technical data

Maximum reach	3195 mm
Rated payload	180 kg
Rated supplementary load, rotating column / link arm / arm	-
Rated total load	-
Pose repeatability (ISO 9283)	± 0.06 mm
Number of axes	5
Mounting position	Floor
Footprint	830 mm x 830 mm
Weight	approx. 1093 kg

Axis data

Motion range	
A1	$\pm 185^\circ$
A2	$-140^\circ / -5^\circ$
A3	$0^\circ / 155^\circ$
A4	-
A5	-
A6	$\pm 350^\circ$
Speed with rated payload	
A1	105 $^\circ/\text{s}$
A2	107 $^\circ/\text{s}$
A3	114 $^\circ/\text{s}$
A4	-
A5	173 $^\circ/\text{s}$
A6	242 $^\circ/\text{s}$

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, in-line wrist (IEC 60529)	IP65

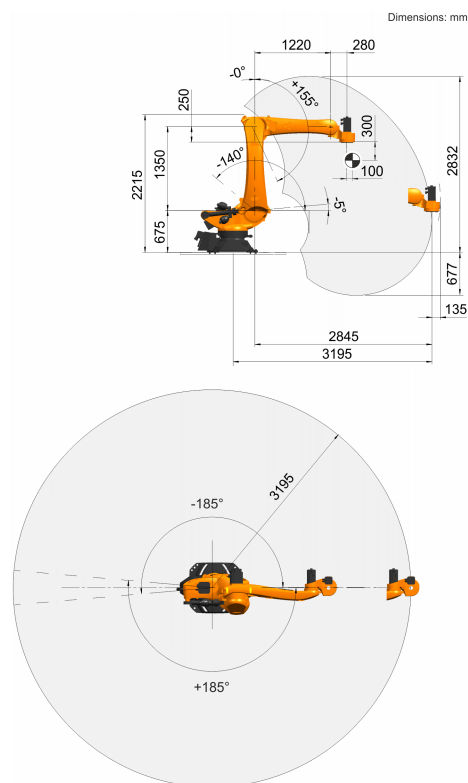
Controller

Controller	KR C4
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Teach pendant

Teach pendant	KUKA smartPAD
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Workspace graphic



Mounting flange

