

KR 100 R3500 press C



Technical data

Maximum reach	3501 mm
Rated payload	100 kg
Rated supplementary load, rotating column / link arm / arm	0 kg / 0 kg / 50 kg
Rated total load	150 kg
Pose repeatability (ISO 9283)	± 0.06 mm
Number of axes	6
Mounting position	Ceiling
Footprint	-
Weight	approx. 1240 kg

Axis data

Motion range	
A1	±185 °
A2	-120 ° / 0 °
A3	-120 ° / 155 °
A4	±350 °
A5	±122.5 °
A6	±350 °
Speed with rated payload	
A1	136 °/s
A2	137 °/s
A3	114 °/s
A4	136 °/s
A5	129 °/s
A6	206 °/s

Operating conditions

Ambient temperature during operation	10 °C to 55 °C (283 K to 328 K)
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Protection rating

Protection rating (IEC 60529)	IP65
Protection rating, in-line wrist (IEC 60529)	IP65

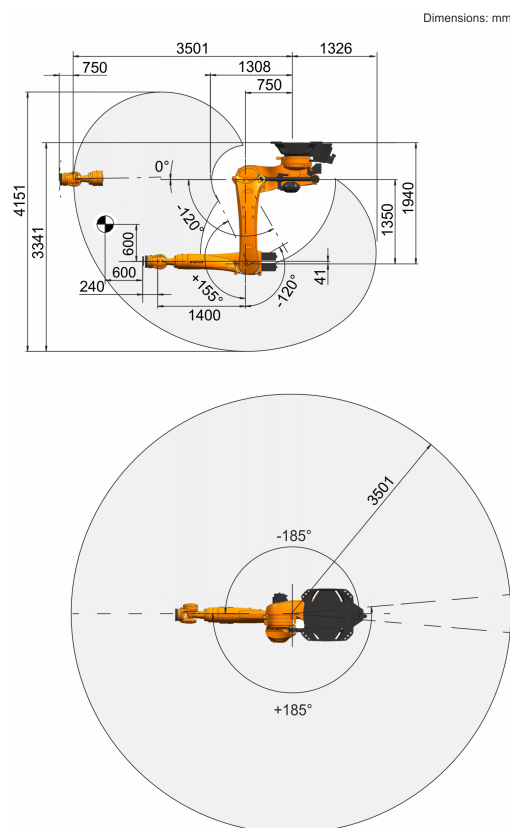
Controller

Controller	KR C4
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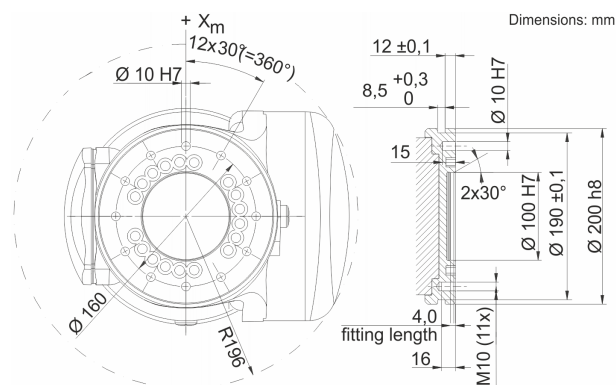
Teach pendant

Teach pendant	KUKA smartPAD
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Workspace graphic



Mounting flange



KR 120 R3500 press C



Technical data

Maximum reach	3455 mm
Rated payload	120 kg
Rated supplementary load, rotating column / link arm / arm	0 kg / 0 kg / 50 kg
Rated total load	170 kg
Pose repeatability (ISO 9283)	± 0.06 mm
Number of axes	6
Mounting position	Ceiling
Footprint	-
Weight	approx. 1240 kg

Axis data

Motion range	
A1	$\pm 185^\circ$
A2	$-120^\circ / -15^\circ$
A3	$-120^\circ / 155^\circ$
A4	$\pm 350^\circ$
A5	$\pm 122.5^\circ$
A6	$\pm 350^\circ$
Speed with rated payload	
A1	136 °/s
A2	137 °/s
A3	114 °/s
A4	136 °/s
A5	129 °/s
A6	206 °/s

Operating conditions

Ambient temperature during operation	10 °C to 55 °C (283 K to 328 K)
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Protection rating

Protection rating (IEC 60529)	IP65
Protection rating, in-line wrist (IEC 60529)	IP65

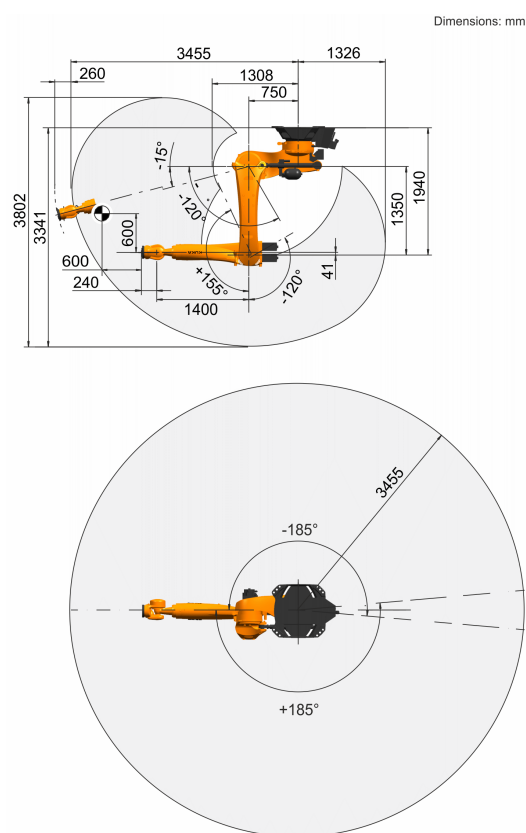
Controller

Controller	KR C4
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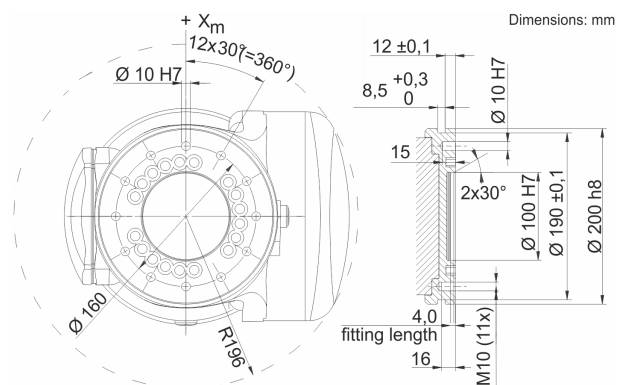
Teach pendant

Teach pendant	KUKA smartPAD
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Workspace graphic



Mounting flange



KR 100 R3500 press



Technical data

Maximum reach	3501 mm
Rated payload	100 kg
Rated supplementary load, rotating column / link arm / arm	0 kg / 0 kg / 50 kg
Rated total load	150 kg
Pose repeatability (ISO 9283)	± 0.06 mm
Number of axes	6
Mounting position	Floor
Footprint	-
Weight	approx. 1240 kg

Axis data

Motion range	
A1	±185 °
A2	-120 ° / 70 °
A3	-120 ° / 155 °
A4	±350 °
A5	±122.5 °
A6	±350 °
Speed with rated payload	
A1	136 °/s
A2	137 °/s
A3	114 °/s
A4	136 °/s
A5	129 °/s
A6	206 °/s

Operating conditions

Ambient temperature during operation	10 °C to 55 °C (283 K to 328 K)
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Protection rating

Protection rating (IEC 60529)	IP65
Protection rating, in-line wrist (IEC 60529)	IP65

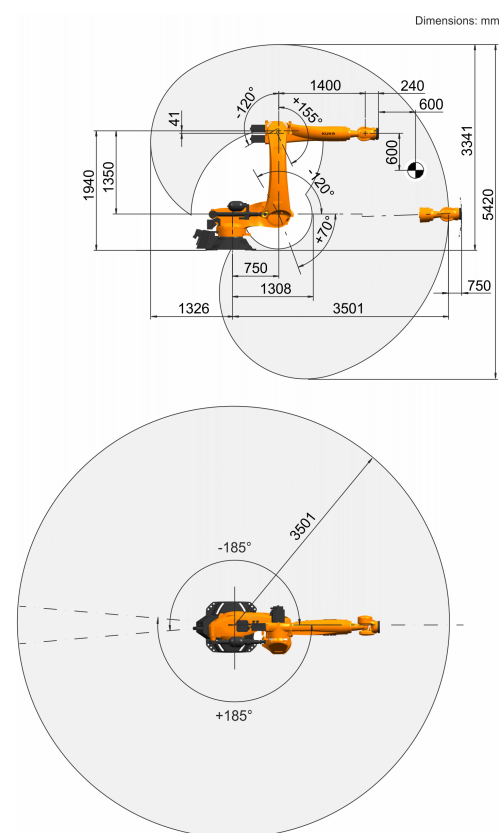
Controller

Controller	KR C4
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Teach pendant

Teach pendant	KUKA smartPAD
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Workspace graphic



Mounting flange

