KR 700 PA arctic

Technical data

Maximum reach	3320 mm
Maximum payload	-
Rated payload	700 kg
Rated supplementary load, rotating column / link arm / arm	0 kg / 0 kg / 50 kg
Pose repeatability (ISO 9283)	± 0.08 mm
Number of axes	4
Mounting position	Floor
Footprint	-
Weight	approx. 2850 kg

Axis data

Motion range	
A1	±185 °
A2	-120 ° / 10 °
A3	-10 ° / 150 °
A4	-
A5	-
A6	±350 °
Speed with rated payload	
A1	76 °/s
A2	76 °/s
A3	67 °/s
A4	-
A5	-
A6	168 °/s

Operating conditions

Ambient temperature during operation	-30 °C to 10 °C (243 K to 283 K)

Protection rating

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

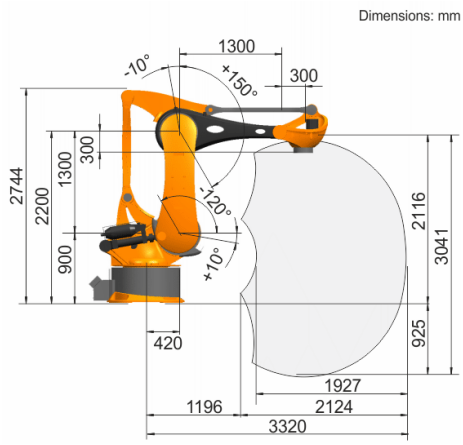
Controller

Controller	KR C4

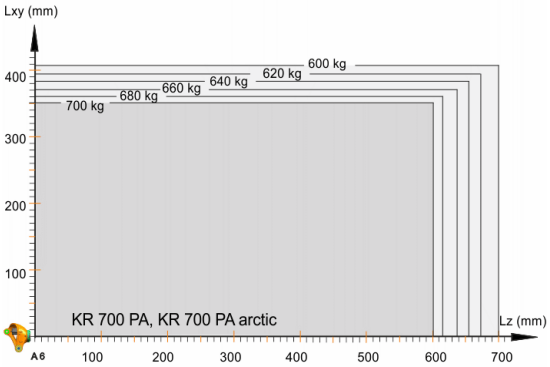
Teach pendant

Teach pendant	KUKA smartPAD

Workspace graphic

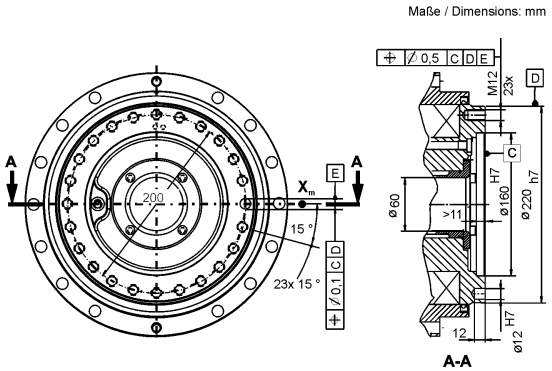


Payload diagram



The KR 700 PA arctic is designed for a rated payload of 700 kg in order to optimize the dynamic performance of the robot. With reduced load center distances, higher loads up to the maximum payload may be used. The specific load case must be verified using KUKA.Load. For further consultation, please contact KUKA Support.

Mounting flange



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