

KR 3 D1200 HM



Technical data

Maximum reach	600 mm
Maximum diameter	1200 mm
Volume of working envelope	-
Maximum payload	6 kg
Rated payload	3 kg
Number of axes	4
Number of controlled axes	4
Pose repeatability (ISO 9283)	± 0.1 mm
Mounting position	Ceiling
Footprint	1500 mm x 1500 mm
Weight	approx. 95 kg
Default color	Stainless steel
Sound level	< 75 dB (A)

Axis data

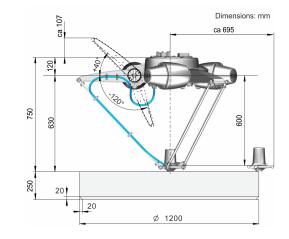
Motion range	
A1	-120 ° / 40 °
A2	-120 ° / 40 °
A3	-120 ° / 40 °
A4	±255 °
Speed with rated payload	
A1	168 °/s
A2	168 °/s
A3	168 °/s
A4	162 °/s

Operating conditions

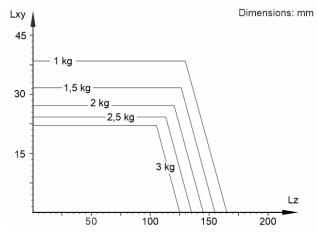
Protection rating	
Protection rating (IEC 60529)	IP67
Controller	
Controller	KR C5 micro
Teach pendant	
Teach pendant	KUKA smartPAD-2

Ambient temperature during operation 0 °C to 45 °C (273 K to 318 K)

Workspace graphic

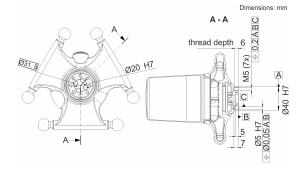


Payload diagram



The KR 3 D1200 HM is designed for a rated payload of 3 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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