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KR 6 R700-2



Technical data

| Maximum reach | 726 mm |
|-------------------------------|--|
| Maximum payload | 6.6 kg |
| Pose repeatability (ISO 9283) | ± 0.02 mm |
| Number of axes | 6 |
| Mounting position | Floor; Ceiling; Wall; Desired angle |
| Footprint | 208 mm x 208 mm |
| Weight | approx. 53 kg |

Axis data

| Motion range | |
|--------------|----------------|
| A1 | ±170 ° |
| A2 | -190 ° / 45 ° |
| A3 | -120 ° / 156 ° |
| A4 | ±185 ° |
| A5 | ±120 ° |
| A6 | ±350 ° |

Operating conditions

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

Protection rating

| Protection rating (IEC 60529) | IP65 / IP67 |
|--|-------------|
| Protection rating, in-line wrist (IEC 60529) | IP65 / IP67 |

Controller

| Controller | KR C4 compact |
|------------|---------------|
| Controllor | |

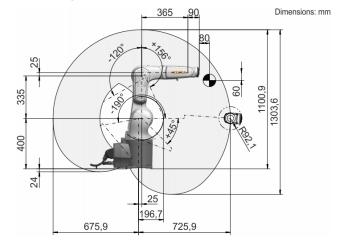
Teach pendant

| Teach pendant | KUKA smartPAD |
|---------------|---------------|
|---------------|---------------|

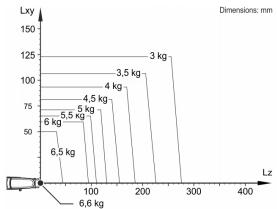
Cycle time



Workspace graphic

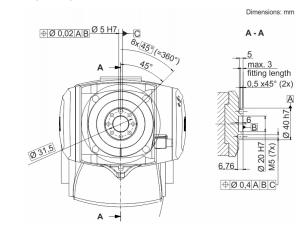


Payload diagram



The KR 6 R700-2 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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KUKA Deutschland GmbH Zugspitzstrasse 140, 86165 Augsburg, Germany. Tel.: +49 821 797-4000, www.kuka-robotics.com