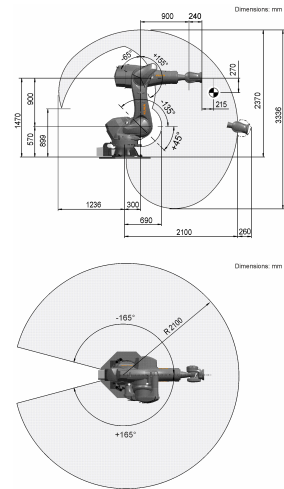




KR 120 R2100 nano F exclusive



Workspace graphic



Technical data

| | |
|--|---------------------|
| Maximum reach | 2100 mm |
| Rated payload | 120 kg |
| Rated supplementary load, rotating column / link arm / arm | 0 kg / 0 kg / 30 kg |
| Rated total load | 150 kg |
| Pose repeatability (ISO 9283) | ± 0.05 mm |
| Number of axes | 6 |
| Mounting position | Floor |
| Footprint | 850 mm x 615 mm |
| Weight | approx. 963 kg |

Axis data

| | |
|--------------------------|---------------|
| Motion range | |
| A1 | ±165 ° |
| A2 | -135 ° / 45 ° |
| A3 | -65 ° / 155 ° |
| A4 | ±350 ° |
| A5 | ±125 ° |
| A6 | ±350 ° |
| Speed with rated payload | |
| A1 | 136 °/s |
| A2 | 95 °/s |
| A3 | 120 °/s |
| A4 | 292 °/s |
| A5 | 258 °/s |
| A6 | 284 °/s |

Operating conditions

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

Protection rating

| | |
|--|--------------------|
| Protection rating (IEC 60529) | IP65 / IP67 / IP69 |
| Protection rating, robot wrist (IEC 60529) | IP65 / IP67 / IP69 |

Controller

| | |
|------------|-----------------|
| Controller | KR C5; KR C4 |
|------------|-----------------|

Mounting flange

