

A KUKA robotic arm with a gripper, mounted on a V-shaped metal frame. The gripper is positioned at the top of the frame, and the arm is extended downwards. The frame is made of polished metal rods. The KUKA logo is visible on the arm.

Max. räckvidd	600 mm
Max diameter	1200 mm
Arbetsutrymmets volym	-
Maximal bärlast	6 kg
Nominell bärlast	3 kg
Antal axlar	4
Antal styrbara axlar	4
Repeternoggrannhet position (ISO 9283)	± 0,1 mm
Monteringsläge	Tak
Uppställningsyta	1500 mm x 1500 mm
Vikt	ca. 95 kg
Standardfärg	Rostfritt stål
Bullernivå	< 75 dB (A)

Rörelseområde	
A1	-120 ° / 40 °
A2	-120 ° / 40 °
A3	-120 ° / 40 °
A4	±255 °
Hastighet vid nominell bärlast	
A1	168 °/s
A2	168 °/s
A3	168 °/s
A4	162 °/s

Bärbar manöverenhet	KUKA smartPAD-2
---------------------	-----------------

Technical drawing of the robot arm assembly showing dimensions and movement range. The drawing includes the following dimensions and specifications:

- Dimensions (mm):**
 - Overall width: ca 695
 - Height from base to motor: 600
 - Height from base to joint: 250
 - Height from joint to end effector: 630
 - Height from base to end effector: 750
 - Height from base to joint: 20
 - Height from joint to end effector: 120
 - Height from base to end effector: 107
- Angles:**
 - Joint angle: $\pm 40^\circ$
 - End effector angle: -120°
- Base Dimensions:**
 - Base diameter: $\varnothing 1200$
 - Base width: 20
 - Base height: 20

Dimensions: mm

The graph shows the relationship between L_{xy} (y-axis) and L_z (x-axis) for different weights. The y-axis ranges from 0 to 45 mm, and the x-axis ranges from 0 to 200 mm. Five curves are plotted, each representing a different weight:

- 1 kg: $L_{xy} \approx 40$ mm for $L_z < 125$ mm, then decreases linearly to 0 at $L_z \approx 165$ mm.
- 1,5 kg: $L_{xy} \approx 32$ mm for $L_z < 125$ mm, then decreases linearly to 0 at $L_z \approx 155$ mm.
- 2 kg: $L_{xy} \approx 28$ mm for $L_z < 115$ mm, then decreases linearly to 0 at $L_z \approx 145$ mm.
- 2,5 kg: $L_{xy} \approx 24$ mm for $L_z < 105$ mm, then decreases linearly to 0 at $L_z \approx 135$ mm.
- 3 kg: $L_{xy} \approx 20$ mm for $L_z < 95$ mm, then decreases linearly to 0 at $L_z \approx 125$ mm.

Monteringsfläns

