LBR IISY 6 R1300 COBOT

KUKA410202
LBR iisy 6 R1300 cobot



- Maximum reach 1300 mm
- Payload 6 kg
- IP54
- Several different installation positions

PRODUCT DESCRIPTION

LBR iisy 6 R1300 is designed for a nominal payload of 6 kg to optimize the dynamic performance of the robot. The maximum payload of 6.9 kg applies only if the position of the center of gravity is 0 mm.

The specific load case must be verified using KUKA.Load or KUKA Compose. For further consultation, please contact us.

WHAT CHARACTERIZES LBR IISY?

EFFICIENT AND FAST COMMISSIONING:
Get ready for production in the shortest possible time with LBR iisy! Its intuitive operation requires no prior knowledge and enables quick commissioning. Thanks to the robot's iiQKA.OS operating system, it is easy to install, configure and program. You teach the robot tasks by controlling it with your hand and the smartPAD Pro makes further programming as easy as using a smartphone.

FLEXIBLE AND PROVEN:
The LBR iisy features an industry-proven power transmission and support for all major industry standard functions. Thanks to its easy commissioning, LBR iisy can quickly switch tasks and its compact design and low weight allow the robot to be deployed even in confined spaces and quickly moved to another position.

COLLABORATIVE AND SAFE:
LBR iisy detects collisions, measures process forces with joint torque sensors, and promotes smooth collaboration between humans and robots. LBR iisy is also easy to maintain thanks to intervention areas.

DISCOVER MORE ABOUT LBR IISY

SPECIFICATIONS

BASIC DATA

Maximum payload	6.9 kg
Rated payload	6 kg
Pose repeatability (ISO 9283)	± 0,05 mm
Number of axis	6
Operational Temperature	0 °C ... 45 °C
Ambient storage temperature	-25 °C ... 70 °C
IP Class	IP54
Prot. rating, in-line wrist (IEC 60529)	IP54

MOTION RANGE

Motion Range A1	±185 °
Motion Range A2	-230 ° / 50 °
Motion Range A3	±150 °
Motion range A4	±180 °
Motion range A5	±110 °
Motion range A6	±220 °

SPEED WITH RATED PAYLOAD

Speed with rated payload A1	200 °/s
Speed with rated payload A2	200 °/s
Speed with rated payload A3	200 °/s
Speed with rated payload A4	230 °/s
Speed with rated payload A5	260 °/s
Speed with rated payload A6	430 °/s