

LBR iiwa 7 R800



Basic data

Kinematic type	Articulated robot
Cobot	Yes

Safety requirements	Category 3 and Performance Level d in accordance with EN ISO 13849-1
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Technical data

Maximum reach	800 mm
Rated payload	7 kg
Maximum payload	-
Pose repeatability (ISO 9283)	± 0.1 mm
Number of axes	7
Mounting position	Floor; Ceiling; Wall
Footprint	-
Weight	approx. 23.9 kg

Axis data

Motion range	
A1	$\pm 170^\circ$
A2	$\pm 120^\circ$
A3	$\pm 170^\circ$
A4	$\pm 120^\circ$
A5	$\pm 170^\circ$
A6	$\pm 120^\circ$
Motion range, axis 7	$\pm 175^\circ$
Speed with rated payload	
A1	98 °/s
A2	98 °/s
A3	100 °/s
A4	130 °/s
A5	140 °/s
A6	180 °/s
Axis velocity, axis 7	180 °/s

Operating conditions

Ambient temperature during operation: -5°C to 45°C (278 K to 318 K)

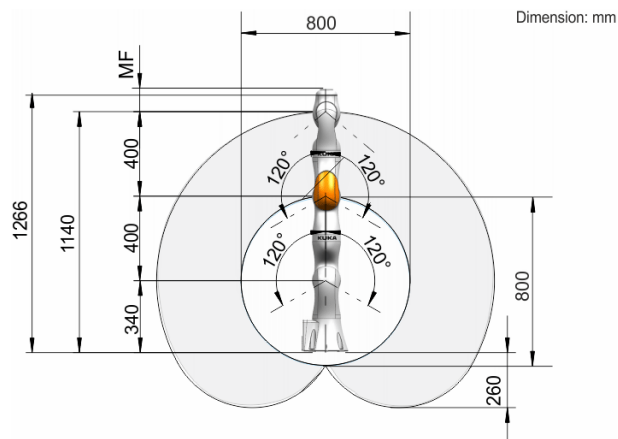
Protection rating

Protection rating (IEC 60529) IP54

Controller

Controller KUKA Sunrise Cabinet

Workspace graphic



Payload diagram

