



L&K
ROBOTICS

CR 168 Compact Robot



Technical data

Maximum reach (horizontal)	34.0 cm
Maximum reach (zenith)	49.5 cm
Maximum reach (nadir)	20.5 cm
Pose repeatability	1 mm
Maximum payload	340 g
Number of axes	6 + gripper
Mounting position	floor; ceiling; wall; moving platform
Footprint	12cm x 12cm
Weight	1.94 kg
Speed	76 cycles per minute (25 cm Euclidean distance)
Durability	tested for 1'000'000+ cycles

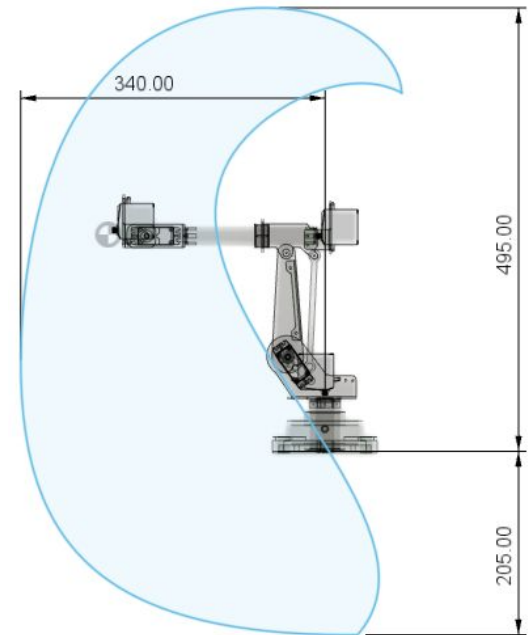
Axis data

A1 (base rotation)	270°
A2	200°
A3	180°
A4	270°
A5	270°
A6	270°

Environment

Operating ambient temperature	0°C to 50°C (32°F to 122°F)
Humidity	100% humidity
Power	100-240V AC /or/ 6V DC
Interface	USB
Controller	Pololu Maestro 12

Workspace envelope



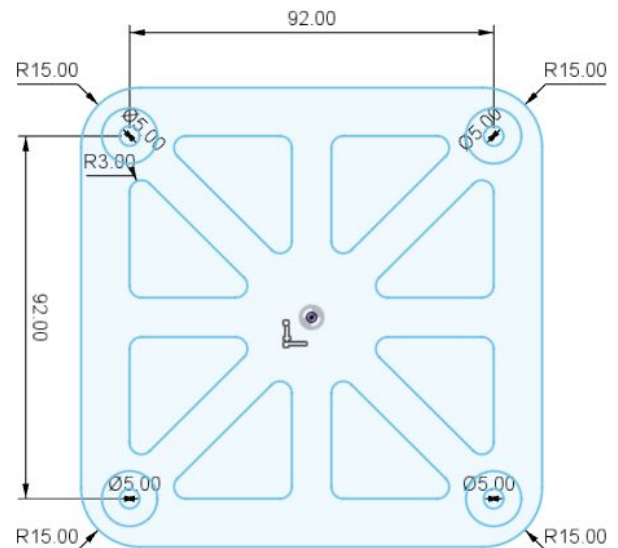
Mounting flange



Dimensions mm

Recommended four M3 screws, flange thickness 2mm

Base mount



Dimensions mm

Recommended four M5 screws, base thickness 20mm

Information within this document describes the outcome of tests performed at our facility, and does not constitute guarantees or legal obligations. These are subject to concrete contracts with concrete clients. Please direct further enquiries to <https://lkrobots.com> support@lkrobots.com

LK robotics trades as Levně a Kvalitně s.r.o., Vaškova 17, Brno 615 00, Czechia, EU