

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

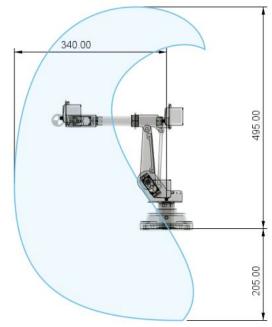
Axis data

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

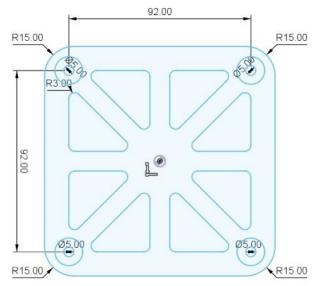
Workspace envelope



Mounting flange



Base mount



Dimensions mm

Recommended four M5 screws, base thickness 20mm

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