



AGILE ROBOTS



Diana 7
technical
data sheet

Specifications

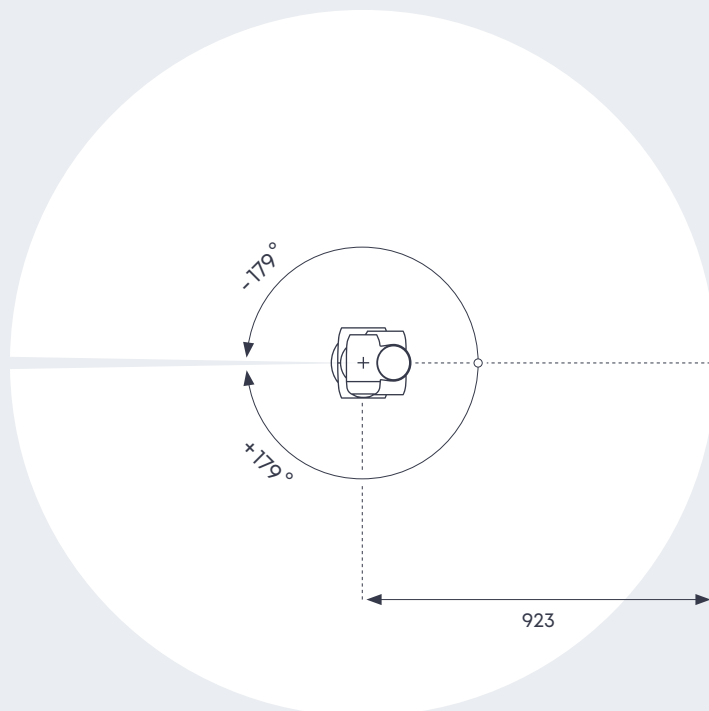
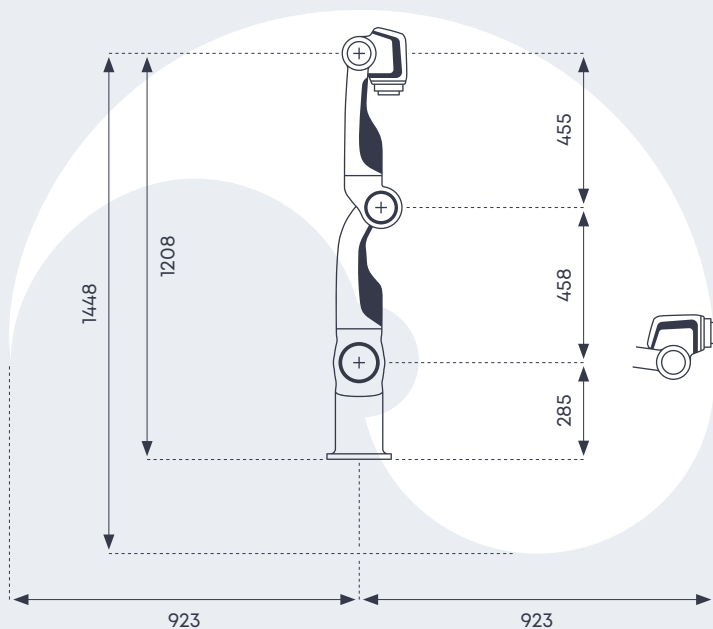
Diana 7

Loading capacity	7kg
Protection rating	IP54
Workspace radius	923 mm
Degrees of freedom	7
Repeatability	±0.05 mm
Robot weight	26 kg
Base diameter	φ190 mm
End tool connector	ISO 9409
Programming type	C++, Python
TCP typical line speed	1m/s
Operating temperature	0 to 50°C
Operating humidity	90% RH (non-condensable)
Safety	EN ISO 12100:2010 EN 60204-1:2018 EN ISO 13849-1:2015 EN ISO 10218-1:2011

Joints	Range of motion	max. speed
1	-179° to 179°	170 °/s
2	-90° to 90°	170 °/s
3	-179° to 179°	170 °/s
4	0° to 175°	170 °/s
5	-179° to 179°	210 °/s
6	-179° to 179°	210 °/s
7	-179° to 179°	210 °/s

Control Box

Cable length (body – box)	5.0 m
Power cable length	3.0 m
Power supply	110V ~240 VAC, 50/60 Hz 45V to 65VDC
Size	483 mm × 439 mm × 160 mm
Weight	17 kg
I/O Port	32 digital in / 16 digital out, 2 analogue in / 2 analogue out
I/O power supply	24V / 2A



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Technical data may be subject to change without previous notice.

Please request detailed drawings here:
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