



CS66 | 6-axis Collaborative Robot

CS SERIES



6kg
Payload



914mm
Radius



± 0.03 mm
Repeatability



2.8m/s
Max TCP Speed



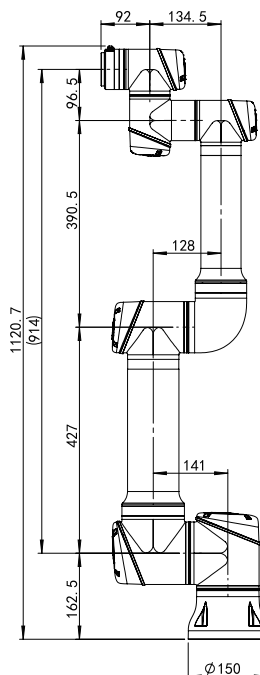
CS66

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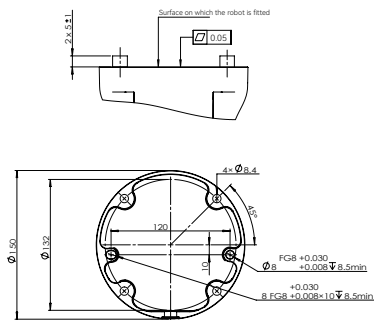


Robotic Arm

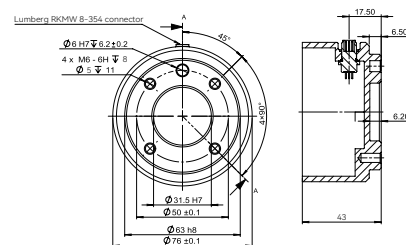
Payload	6kg
Radius	914mm
Repeatability	±0.03mm
Axis	6
Joints rotation	J1-J6 ±360°
Joints speed	J1-J2 150°/s
	J3 180°/s
	J4-J6 230°/s
Max TCP Speed	2.8m/s
IP rating	IP65 (IP68 upgradable)
Operating Temperature range	0-50 °C
Relative humidity	<90% (non-condensing)
Typical power usage	250w
Mounting	Any angle
Tool I/O connector	M8, 8pin
Tool I/O ports	4 config. DI, 4 config. DO; 1 AI, 1 AO
Tool I/O power supply	12V / 24V, 3A, 2A, 1A
Tool I/O communication	RS485
Footprint	Ø150mm
Weight	20kg
Material	Aluminum, Steel
Cable length	5.5m
Certifications	EN ISO 13849-1, PLd Category 3, EN ISO 10218-1



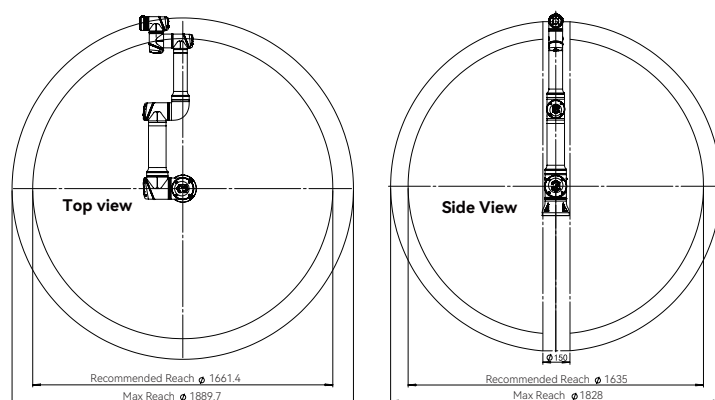
CS66 external dimensional drawing



CS66 base top view



CS66 end flange



CS66 working range diagram

Teach-Pendant



Size	301mm x 232mm x 54mm
Screen display size	12.1"
Resolution	1280 x 800 pixels
Material	Aluminum, Plastic
Weight	2.1kg
Cable length	5.5m
IP rating	IP54
Input method	Capacitive touch-screen

Controller



Size	505mm x 432mm x 257mm
Material	Aluminum, Steel
IP rating	IP54
I/O ports	24 DI (8 config.), 24 DO (8 config.); 2 AI, 2 AO
I/O power supply	24V; 3A (internal), 6A (external)
Communication ports	3 Ethernet ports, 1 RS485, 1 MiniDP, 1 USB 2.0, 1 USB 3.0
Communication protocols	TCP/IP, MODBUS TCP/RTU, EtherNet/IP, Profinet, OPCUA
Power source	100-240 VAC, 50-60 Hz



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