

SM-CR2020

Collaborative Robot



Type	C3	C5	C5-L	C10	C15
Weight	17 Kg	23 Kg	24 Kg	40 Kg	45 Kg
Payload	3 Kg	5 Kg	3.5 Kg	10 Kg	15 Kg
Reach	590 mm	800 mm	950 mm	1000 mm	700 mm
Power	100W in typical cycle	180W in typical cycle		350W in typical cycle	450W in typical cycle
Joint range	±360°				
Joint speed	J1-J4 180°/S J5-J6 200°/S	J1-J4 180°/S J5-J6 200°/S	J1-J4 180°/S J5-J6 200°/S	J1-J2 120°/S J3-J4 135°/S J5-J6 180°/S	J1-J2 120°/S J3-J4 135°/S J5-J6 180°/S
Tool speed	2m/s				
Repeatability	±0.05mm/±0.03mm(under normal conditions)				
Degree of freedom	6				
Control box size	536*445*319mm				
End I/O port	Digital input : 3, digital output : 3, analog input: 2				
Control box I/O port	Digital input : 16, digital output : 16, analog input:2, analog output : 2				
I/O source	24V 2A				
Communication	TCP/IP/MODBUS				
Programming	Graphical programming,remote process call				
IP classification	IP54/IP66				
Collaborative operation	10 advanced configurations for safety				
Main material	Aluminum alloy				
Working temperature	0-50°C				
Power input	200-240V AC,50-60Hz				
Cable	Cable to connect the control box: 5m, cable to connect teach pendant: 5m				