





CR Collaborative Robot Series

Specifications

Model				
	CR3	CR5	CR10	CR16
Weight	16.5kg	25kg	40kg	40kg
Rated Payload	3kg	5kg	10kg	16kg
Reach	620mm	900mm	1300mm	1000mm
Max. Reach	795mm	1096mm	1525mm	1223mm
Rated Voltage	DC48V	DC48V	DC48V	DC48V
Max. Speed of TCP	2m/s	3m/s	4m/s	3m/s
Joint Ranges	J1	±360°	±360°	±360°
	J2	±360°	±360°	±360°
	J3	±155°	±160°	±160°
	J4	±360°	±360°	±360°
	J5	±360°	±360°	±360°
	J6	±360°	±360°	±360°
Max. Speed of Joints	J1/J2	180° /s	180° /s	120° /s
	J3/J4/J5/J6	180° /s	180° /s	180° /s
End-Effector I/O Interface	DI/DO/AI	2		
	AO	0		
Communication Interface	Communication	RS485		
Controller I/O	DI	16		
	DO/DI	16		
	AI/AO	2		
	ABZ Incremental Encoder	1		
Repeatability	±0.02mm	±0.02mm	±0.03mm	±0.03mm
Communication	TCP/IP, Modbus, EtherCAT, WIFI			
IP Rating	IP54			
Temperature	0°C~ 45°C			
Power Consumption	120W	150W	350W	350W
Materials	Aluminum alloy, ABS plastic			